

## ANNEXURE 1A

### (Secondary Data Tables of Chapter 3)

Table A3.1: Estimated number of enterprises by enterprise types and sector for each activity category- All-India (200-11) - Manufacturing

| Activity Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Number of Enterprises |        |          |         |         |         |               |         |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------|----------|---------|---------|---------|---------------|---------|----------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Rural                 |        |          | Urban   |         |         | Rural + Urban |         |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | OAE                   | Estt   | all      | OAE     | Estt    | All     | OAE           | Estt    | all      |
| M1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2320                  | 485    | 2805     | 2365    | 708     | 3074    | 4685          | 1193    | 5879     |
| M2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1132700               | 228896 | 1361596  | 449996  | 218693  | 668690  | 1582696       | 447590  | 2030286  |
| M3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 169204                | 15161  | 184366   | 17573   | 8970    | 26543   | 186777        | 24131   | 210909   |
| M4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1775728               | 20095  | 1795823  | 447827  | 4056    | 451883  | 2223555       | 24151   | 2247706  |
| M5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1268536               | 118571 | 1387108  | 1003460 | 251116  | 1254575 | 2271996       | 369687  | 2641683  |
| M6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2085646               | 136563 | 2222209  | 1740885 | 357229  | 2098114 | 3826531       | 493792  | 4320323  |
| M7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24413                 | 3741   | 28154    | 58660   | 29388   | 88048   | 83073         | 33129   | 116202   |
| M8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1161953               | 85947  | 1247900  | 261516  | 77030   | 338547  | 1423469       | 162977  | 1586446  |
| M9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 28708                 | 3892   | 32599    | 51376   | 35325   | 86700   | 80083         | 39216   | 119299   |
| M10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 11805                 | 7136   | 18941    | 60038   | 76777   | 136816  | 71843         | 83913   | 155756   |
| M11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 299                   | 866    | 1165     | 77      | 683     | 760     | 375           | 1549    | 1925     |
| M12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 82035                 | 5873   | 87908    | 89070   | 33823   | 122893  | 171104        | 39696   | 210800   |
| M13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 504                   | 952    | 1456     | 697     | 2480    | 3177    | 1201          | 3433    | 4633     |
| M14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7887                  | 7886   | 15774    | 113634  | 49462   | 163097  | 121521        | 57349   | 178870   |
| M15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 345358                | 112548 | 457906   | 96328   | 39676   | 136004  | 441686        | 152224  | 593910   |
| M16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 14200                 | 3608   | 17808    | 25967   | 13194   | 39160   | 40166         | 16802   | 56968    |
| M17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 237764                | 65591  | 303355   | 117686  | 201391  | 319078  | 355450        | 266983  | 622433   |
| M18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 328                   | 388    | 717      | 3600    | 9130    | 12730   | 3928          | 9518    | 13447    |
| M19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2002                  | 1993   | 3995     | 12532   | 18866   | 31398   | 14534         | 20860   | 35393    |
| M20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16995                 | 4935   | 21930    | 9074    | 44092   | 53166   | 26069         | 49028   | 75096    |
| M21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 392                   | 2081   | 2473     | 3100    | 12820   | 15920   | 3492          | 14901   | 18393    |
| M22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 330                   | 2742   | 3072     | 2644    | 3994    | 6638    | 2974          | 6736    | 9711     |
| M23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 304273                | 74487  | 378760   | 118463  | 108545  | 227008  | 422735        | 183032  | 605768   |
| M24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 349163                | 48563  | 397726   | 514534  | 137741  | 652275  | 863697        | 186304  | 1050002  |
| M25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 115686                | 23852  | 139538   | 90660   | 68234   | 158895  | 206346        | 92087   | 298432   |
| M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 9138228               | 976854 | 10115082 | 5291761 | 1803426 | 7095188 | 14429989      | 2780280 | 17210269 |
| M1: Cotton ginning, cleaning and bailing, M2: Manufacture of food products, M3: Manufacture of beverages, M4: Manufacture of tobacco products, M5: Manufacture of textiles, M6: Manufacture of wearing apparel, M7: Manufacture of leather and related products, M8: Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials, M9: Manufacture of paper and paper products, M10: Printing and reproduction of recorded media, M11: Manufacture of coke and refined petroleum products, M12: Manufacture of chemicals and chemical products, M13: Manufacture of pharmaceuticals, medicinal chemical and botanical products, M14: Manufacture of rubber and plastics products, M15: Manufacture of other non-metallic mineral products, M16: Manufacture of basic metals, M17: Manufacture of fabricated metal products, except machinery and equipment, M18: Manufacture of computer, electronic and optical products, M19: Manufacture of electrical equipment, M20: Manufacture of machinery and equipment n.e.c., M21: Manufacture of motor vehicles, trailers and semi-trailers, M22: Manufacture of other transport equipment, M23: Manufacture of furniture, M24: Other manufacturing, M25: Repair and installation of machinery and equipment, M: Manufacturing activities (Total) Source: Report 549- 2010-11 |                       |        |          |         |         |         |               |         |          |

Table A3.2: Percentage distribution of enterprises by activity category by enterprise types and sector for each broad activity category -All-India (2010-11)- Manufacturing

| Activity Category | Number of Enterprises |       |       |       |       |       |               |       |       |
|-------------------|-----------------------|-------|-------|-------|-------|-------|---------------|-------|-------|
|                   | Rural                 |       |       | Urban |       |       | Rural + Urban |       |       |
|                   | OAE                   | estt  | All   | OAE   | estt  | All   | OAE           | estt  | All   |
| M1                | 0.03                  | 0.05  | 0.03  | 0.04  | 0.04  | 0.04  | 0.03          | 0.04  | 0.03  |
| M2                | 12.40                 | 23.43 | 13.46 | 8.50  | 12.13 | 9.42  | 10.97         | 16.10 | 11.80 |
| M3                | 1.85                  | 1.55  | 1.82  | 0.33  | 0.50  | 0.37  | 1.29          | 0.87  | 1.23  |
| M4                | 19.43                 | 2.06  | 17.75 | 8.46  | 0.22  | 6.37  | 15.41         | 0.87  | 13.06 |
| M5                | 13.88                 | 12.14 | 13.71 | 18.96 | 13.92 | 17.68 | 15.74         | 13.30 | 15.35 |
| M6                | 22.82                 | 13.98 | 21.97 | 32.90 | 19.81 | 29.57 | 26.52         | 17.76 | 25.10 |

|                             |        |        |        |        |        |        |        |        |        |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| M7                          | 0.27   | 0.38   | 0.28   | 1.11   | 1.63   | 1.24   | 0.58   | 1.19   | 0.68   |
| M8                          | 12.72  | 8.80   | 12.34  | 4.94   | 4.27   | 4.77   | 9.86   | 5.86   | 9.22   |
| M9                          | 0.31   | 0.40   | 0.32   | 0.97   | 1.96   | 1.22   | 0.55   | 1.41   | 0.69   |
| M10                         | 0.13   | 0.73   | 0.19   | 1.13   | 4.26   | 1.93   | 0.50   | 3.02   | 0.91   |
| M11                         | 0.00   | 0.09   | 0.01   | 0.00   | 0.04   | 0.01   | 0.00   | 0.06   | 0.01   |
| M12                         | 0.90   | 0.60   | 0.87   | 1.68   | 1.88   | 1.73   | 1.19   | 1.43   | 1.22   |
| M13                         | 0.01   | 0.10   | 0.01   | 0.01   | 0.14   | 0.04   | 0.01   | 0.12   | 0.03   |
| M14                         | 0.09   | 0.81   | 0.16   | 2.15   | 2.74   | 2.30   | 0.84   | 2.06   | 1.04   |
| M15                         | 3.78   | 11.52  | 4.53   | 1.82   | 2.20   | 1.92   | 3.06   | 5.48   | 3.45   |
| M16                         | 0.16   | 0.37   | 0.18   | 0.49   | 0.73   | 0.55   | 0.28   | 0.60   | 0.33   |
| M17                         | 2.60   | 6.71   | 3.00   | 2.22   | 11.17  | 4.50   | 2.46   | 9.60   | 3.62   |
| M18                         | 0.00   | 0.04   | 0.01   | 0.07   | 0.51   | 0.18   | 0.03   | 0.34   | 0.08   |
| M19                         | 0.02   | 0.20   | 0.04   | 0.24   | 1.05   | 0.44   | 0.10   | 0.75   | 0.21   |
| M20                         | 0.19   | 0.51   | 0.22   | 0.17   | 2.44   | 0.75   | 0.18   | 1.76   | 0.44   |
| M21                         | 0.00   | 0.21   | 0.02   | 0.06   | 0.71   | 0.22   | 0.02   | 0.54   | 0.11   |
| M22                         | 0.00   | 0.28   | 0.03   | 0.05   | 0.22   | 0.09   | 0.02   | 0.24   | 0.06   |
| M23                         | 3.33   | 7.63   | 3.74   | 2.24   | 6.02   | 3.20   | 2.93   | 6.58   | 3.52   |
| M24                         | 3.82   | 4.97   | 3.93   | 9.72   | 7.64   | 9.19   | 5.99   | 6.70   | 6.10   |
| M25                         | 1.27   | 2.44   | 1.38   | 1.71   | 3.78   | 2.24   | 1.43   | 3.31   | 1.73   |
| M                           | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Source: Report 549- 2010-11 |        |        |        |        |        |        |        |        |        |

Table A3.3: Estimated number of enterprises by sector and enterprise type for each activity category- Manufacturing (2015-16)

| Activity category | Rural    |        |          | Urban   |         |         | Rural + Urban |         |          |
|-------------------|----------|--------|----------|---------|---------|---------|---------------|---------|----------|
|                   | OAE      | Estt   | all      | OAE     | Estt    | all     | OAE           | Estt    | all      |
| 1                 | 2        | 3      | 4        | 5       | 6       | 7       | 8             | 9       | 10       |
| M1                | 356      | 397    | 754      | 617     | 313     | 930     | 974           | 710     | 1684     |
| M2                | 1251016  | 221829 | 1472845  | 548252  | 253299  | 801551  | 1799268       | 475128  | 2274396  |
| M3                | 141398   | 7828   | 149226   | 25232   | 11073   | 36306   | 166630        | 18902   | 185532   |
| M4                | 2525319  | 29205  | 2554524  | 714374  | 6220    | 720594  | 3239693       | 35425   | 3275118  |
| M5                | 1313239  | 64819  | 1378058  | 1014993 | 210484  | 1225477 | 2328233       | 275303  | 2603535  |
| M6                | 2713957  | 147025 | 2860982  | 2382563 | 366751  | 2749314 | 5096520       | 513776  | 5610296  |
| M7                | 14950    | 4611   | 19561    | 91127   | 45005   | 136131  | 106076        | 49616   | 155692   |
| M8                | 918618   | 69135  | 987754   | 131417  | 71717   | 203134  | 1050035       | 140853  | 1190888  |
| M9                | 20249    | 2796   | 23045    | 65071   | 19215   | 84287   | 85320         | 22011   | 107332   |
| M10               | 14728    | 5334   | 20061    | 64200   | 76925   | 141126  | 78928         | 82259   | 161187   |
| M11               | 0        | 480    | 480      | 288     | 1406    | 1693    | 288           | 1886    | 2173     |
| M12               | 94744    | 11241  | 105985   | 51418   | 15302   | 66721   | 146163        | 26543   | 172706   |
| M13               | 1159     | 1776   | 2935     | 1844    | 1566    | 3410    | 3003          | 3342    | 6345     |
| M14               | 41909    | 4896   | 46804    | 27176   | 50821   | 77996   | 69084         | 55716   | 124800   |
| M15               | 368374   | 95929  | 464303   | 92653   | 55621   | 148274  | 461027        | 151550  | 612577   |
| M16               | 12306    | 2961   | 15267    | 7766    | 28483   | 36250   | 20072         | 31444   | 51517    |
| M17               | 222091   | 79471  | 301562   | 204647  | 283198  | 487845  | 426738        | 362669  | 789407   |
| M18               | 1085     | 250    | 1335     | 7607    | 5296    | 12903   | 8692          | 5546    | 14238    |
| M19               | 2252     | 2037   | 4288     | 9393    | 23927   | 33320   | 11644         | 25964   | 37609    |
| M20               | 4191     | 2975   | 7166     | 16029   | 57329   | 73357   | 20220         | 60304   | 80523    |
| M21               | 1054     | 2632   | 3687     | 4012    | 13912   | 17924   | 5066          | 16545   | 21611    |
| M22               | 40       | 168    | 208      | 1854    | 4316    | 6170    | 1893          | 4485    | 6378     |
| M23               | 438992   | 110201 | 549193   | 185210  | 136479  | 321689  | 624202        | 246680  | 870882   |
| M24               | 289306   | 29580  | 318886   | 483708  | 146299  | 630007  | 773014        | 175879  | 948893   |
| M25               | 106207   | 19315  | 125521   | 184864  | 49171   | 234035  | 291070        | 68486   | 359556   |
| M                 | 10497538 | 916893 | 11414431 | 6316315 | 1934128 | 8250444 | 16813853      | 2851022 | 19664875 |

Source: NSS Report No.582

Table A.3.4: Percentage distribution of enterprises by activity category by enterprise types and sector for each broad activity category -All-India (2015-16)- Manufacturing.

| State/UT | Rural |       |     | Urban |       |     | Rural + Urban |       |     |
|----------|-------|-------|-----|-------|-------|-----|---------------|-------|-----|
|          | OAE   | Estt. | All | OAE   | Estt. | All | OAE           | Estt. | All |

| 1        | 2          | 3          | 4          | 5          | 6          | 7          | 8          | 9          | 10         |
|----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| M1       | 0.00       | 0.04       | 0.01       | 0.01       | 0.02       | 0.01       | 0.01       | 0.02       | 0.01       |
| M2       | 11.92      | 24.19      | 12.90      | 8.68       | 13.10      | 9.72       | 10.70      | 16.67      | 11.57      |
| M3       | 1.35       | 0.85       | 1.31       | 0.40       | 0.57       | 0.44       | 0.99       | 0.66       | 0.94       |
| M4       | 24.06      | 3.185      | 22.38      | 11.31      | 0.32       | 8.73       | 19.27      | 1.24       | 16.65      |
| M5       | 12.51      | 7.07       | 12.07      | 16.07      | 10.88      | 14.85      | 13.85      | 9.66       | 13.24      |
| M6       | 25.85      | 16.04      | 25.06      | 37.72      | 18.96      | 33.323     | 30.31      | 18.02      | 28.53      |
| M7       | 0.14       | 0.50       | 0.17       | 1.44       | 2.33       | 1.65       | 0.63       | 1.74       | 0.79       |
| M8       | 8.75       | 7.54       | 8.65       | 2.08       | 3.71       | 2.46       | 6.25       | 4.94       | 6.06       |
| M9       | 0.19       | 0.30       | 0.20       | 1.03       | 0.99       | 1.02       | 0.51       | 0.77       | 0.55       |
| M10      | 0.14       | 0.58       | 0.18       | 1.02       | 3.98       | 1.71       | 0.47       | 2.89       | 0.82       |
| M11      | 0          | 0.05       | 0.00       | 0.00       | 0.07       | 0.02       | 0.00       | 0.07       | 0.01       |
| M12      | 0.90       | 1.23       | 0.93       | 0.81       | 0.79       | 0.81       | 0.87       | 0.93       | 0.88       |
| M13      | 0.01       | 0.19       | 0.03       | 0.03       | 0.08       | 0.04       | 0.02       | 0.12       | 0.03       |
| M14      | 0.40       | 0.53       | 0.41       | 0.43       | 2.63       | 0.95       | 0.41       | 1.95       | 0.63       |
| M15      | 3.51       | 10.46      | 4.07       | 1.47       | 2.88       | 1.80       | 2.74       | 5.32       | 3.12       |
| M16      | 0.12       | 0.32       | 0.13       | 0.12       | 1.47       | 0.44       | 0.12       | 1.10       | 0.26       |
| M17      | 2.12       | 8.671      | 2.645      | 3.24       | 14.64      | 5.91       | 2.54       | 12.72      | 4.01       |
| M18      | 0.01       | 0.03       | 0.01       | 0.12       | 0.27       | 0.16       | 0.05       | 0.19       | 0.07       |
| M19      | 0.02       | 0.22       | 0.04       | 0.15       | 1.24       | 0.40       | 0.07       | 0.91       | 0.19       |
| M20      | 0.04       | 0.32       | 0.06       | 0.25       | 2.96       | 0.89       | 0.12       | 2.12       | 0.41       |
| M21      | 0.019      | 0.29       | 0.03       | 0.06       | 0.72       | 0.22       | 0.03       | 0.58       | 0.11       |
| M22      | 0.00       | 0.02       | 0.00       | 0.03       | 0.22       | 0.07       | 0.01       | 0.16       | 0.03       |
| M23      | 4.18       | 12.02      | 4.81       | 2.93       | 7.06       | 3.90       | 3.71       | 8.65       | 4.43       |
| M24      | 2.76       | 3.23       | 2.79       | 7.66       | 7.56       | 7.64       | 4.60       | 6.17       | 4.83       |
| M25      | 1.01       | 2.11       | 1.10       | 2.93       | 2.54       | 2.84       | 1.73       | 2.40       | 1.83       |
| <b>M</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b> |

Source: NSS Report No.582

**Table A3.5: Estimated number of enterprises by sector and enterprise type for each activity category- Trade (2010-11).**

| Activity Category | Rural   |        |          | Urban   |         |          | Rural + Urban |         |          |
|-------------------|---------|--------|----------|---------|---------|----------|---------------|---------|----------|
|                   | OAE     | Estt.  | All      | OAE     | Estt.   | All      | OAE           | Estt.   | All      |
| T1                | 181128  | 77086  | 258214   | 361495  | 294679  | 656173   | 542623        | 371765  | 914388   |
| T2                | 56422   | 13140  | 69562    | 109327  | 63631   | 172958   | 165749        | 76771   | 242519   |
| T3                | 399306  | 80548  | 479854   | 460061  | 448572  | 908632   | 859367        | 529120  | 1388487  |
| T4                | 9317030 | 439958 | 9756988  | 6939473 | 1508849 | 8448322  | 16256503      | 1948807 | 18205310 |
| T                 | 9953886 | 610732 | 10564618 | 7870356 | 2315730 | 10186086 | 17824242      | 2926462 | 20750704 |

T1: Trade and repair of motor vehicles and motor cycles, T2: Activities of commission agents, T3: Other wholesale trade, T4: Other retail trade, T: Trading activities (Total). Source: NSS Report 549- 2010-11

**Table A3.6: Percentage distribution of 'trade' enterprises by State/UT separately for each enterprise type and sector (2010-11).**

| Activity Category | Rural  |        |        | Urban  |        |        | Rural + Urban |        |        |
|-------------------|--------|--------|--------|--------|--------|--------|---------------|--------|--------|
|                   | OAE    | Estt   | All    | OAE    | Estt   | All    | OAE           | Estt   | All    |
| T1                | 1.82   | 12.62  | 2.44   | 4.59   | 12.73  | 6.44   | 3.04          | 12.70  | 4.41   |
| T2                | 0.57   | 2.15   | 0.66   | 1.39   | 2.75   | 1.70   | 0.93          | 2.62   | 1.17   |
| T3                | 4.01   | 13.19  | 4.54   | 5.85   | 19.37  | 8.92   | 4.82          | 18.08  | 6.69   |
| T4                | 93.60  | 72.04  | 92.36  | 88.17  | 65.16  | 82.94  | 91.20         | 66.59  | 87.73  |
| T                 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00        | 100.00 | 100.00 |

Source: NSS Report 549- 2010-11

**Table A3.7: Estimated number of enterprises by sector and enterprise type for each activity category- Trade (2015-16).**

| Activity Category                                                                                                                                                                                                                                                                             | Rural           |               |                 | Urban          |                |                 | Rural+ Urban    |                |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------|-----------------|----------------|----------------|-----------------|-----------------|----------------|-----------------|
|                                                                                                                                                                                                                                                                                               | OAE             | Estt          | all             | OAE            | Estt           | all             | OAE             | Estt           | all             |
| T1                                                                                                                                                                                                                                                                                            | 30912           | 14072         | 44983           | 109122         | 88608          | 197730          | 140034          | 102679         | 242713          |
| T2                                                                                                                                                                                                                                                                                            | 214798          | 82941         | 297739          | 400025         | 280937         | 680962          | 614824          | 363878         | 978701          |
| T3                                                                                                                                                                                                                                                                                            | 42189           | 9208          | 51398           | 71033          | 43961          | 114994          | 113222          | 53170          | 166392          |
| T4                                                                                                                                                                                                                                                                                            | 415165          | 91916         | 507081          | 554711         | 569865         | 1124577         | 969876          | 661782         | 1631658         |
| T5                                                                                                                                                                                                                                                                                            | 9484323         | 485578        | 9969902         | 8148052        | 1898444        | 10046496        | 17632375        | 2384023        | 20016398        |
| <b>T</b>                                                                                                                                                                                                                                                                                      | <b>10187387</b> | <b>683716</b> | <b>10871103</b> | <b>9282944</b> | <b>2881815</b> | <b>12164759</b> | <b>19470331</b> | <b>3565531</b> | <b>23035862</b> |
| T1: Wholesale and retail trade of motor vehicles and motor cycles, T2: Maintenance and repair of motor vehicles and motor cycles , and repair, T3: Activities of commission agents, T4: Other wholesale trade, T5: Other retail trade, T: Trading activities (Total)Source: NSS Report No.582 |                 |               |                 |                |                |                 |                 |                |                 |

**Table A3.8: Percentage distribution of 'trade' enterprises by State/UT separately for each enterprise type and sector - (2015-16).**

| Activity Category         | Rural      |            |            | Urban      |            |            | Rural+ Urban |            |            |
|---------------------------|------------|------------|------------|------------|------------|------------|--------------|------------|------------|
|                           | OAE        | Estt       | all        | OAE        | Estt       | all        | OAE          | Estt       | all        |
| T1                        | 0.30       | 2.06       | 0.41       | 1.18       | 3.07       | 1.63       | 0.72         | 2.88       | 1.05       |
| T2                        | 2.11       | 12.13      | 2.74       | 4.31       | 9.75       | 5.60       | 3.16         | 10.21      | 4.25       |
| T3                        | 0.41       | 1.35       | 0.47       | 0.77       | 1.53       | 0.95       | 0.58         | 1.49       | 0.72       |
| T4                        | 4.08       | 13.44      | 4.66       | 5.98       | 19.77      | 9.24       | 4.98         | 18.56      | 7.08       |
| T5                        | 93.10      | 71.02      | 91.71      | 87.77      | 65.88      | 82.59      | 90.56        | 66.86      | 86.89      |
| <b>T</b>                  | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b>   | <b>100</b> | <b>100</b> |
| Source: NSS Report No.582 |            |            |            |            |            |            |              |            |            |

**Table A3.9: Estimated number of enterprises by sector and enterprise type for each activity category- other service (2010-11).**

| Activity Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Rural          |                |                 | Urban          |                |                | Rural + Urban   |                |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|-----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | OAE            | Estt           | All             | OAE            | Estt           | All            | OAE             | Estt           | All             |
| S1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2530           | 12988          | 15519           | 15649          | 59190          | 74839          | 18179           | 72179          | 90358           |
| S2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1160339        | 188239         | 1348578         | 999532         | 429304         | 1428836        | 2159871         | 617544         | 2777415         |
| S3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2496288        | 374531         | 2870819         | 2096352        | 151135         | 2247487        | 4592640         | 525666         | 5118307         |
| S4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7575           | 3199           | 10775           | 8223           | 35             | 8258           | 15798           | 3234           | 19033           |
| S5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5931           | 461            | 6392            | 1431           | 1833           | 3264           | 7362            | 2294           | 9656            |
| S6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 34918          | 7283           | 42201           | 52005          | 39566          | 91571          | 86923           | 46848          | 133772          |
| S7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 196166         | 18536          | 214702          | 236188         | 83010          | 319198         | 432354          | 101546         | 533900          |
| S8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1074812        | 8646           | 1083458         | 182362         | 25390          | 207752         | 1257174         | 34036          | 1291210         |
| S9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 168608         | 4054           | 172662          | 177199         | 28904          | 206103         | 345807          | 32958          | 378765          |
| S10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 131059         | 6669           | 137728          | 258785         | 40728          | 299513         | 389844          | 47397          | 437241          |
| S11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 139549         | 20433          | 159981          | 298900         | 166846         | 465745         | 438448          | 187279         | 625727          |
| S12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 237836         | 84733          | 322568          | 255882         | 187076         | 442959         | 493718          | 271809         | 765527          |
| S13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 302347         | 152112         | 454460          | 422989         | 241556         | 664546         | 725337          | 393668         | 1119005         |
| S14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 450766         | 52277          | 503044          | 287796         | 244312         | 532108         | 738562          | 296590         | 1035152         |
| S15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2745178        | 123328         | 2868506         | 2109060        | 399699         | 2508758        | 4854238         | 523027         | 5377265         |
| <b>S</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>9153903</b> | <b>1057490</b> | <b>10211394</b> | <b>7402353</b> | <b>2098586</b> | <b>9500939</b> | <b>16556256</b> | <b>3156076</b> | <b>19712332</b> |
| S1: Accommodation, S2: Food service activities, S3: Land transport, S4: Water transport, S5: Warehousing and storage, S6:Support activities for transportation, postal and courier activities, S7:Information and Communication, S8: Financial service activities except insurance and pension funding, S9: Other financial activities, S10: Real estate activities, S11: Professional, Scientific and Technical activities, S12: Administrative and support service activities, S13: Education, S14: Human Health and Social work, S15: Other community, social and personal service activities, S:Other services(Total); Source: NSS Report No. 549: |                |                |                 |                |                |                |                 |                |                 |

**Table A3.10: Percentage distribution of other service enterprises by State/UT separately for each enterprise type and sector (2010-11).**

| Activity Category | Rural |      |      | Urban |      |      | Rural + Urban |      |      |
|-------------------|-------|------|------|-------|------|------|---------------|------|------|
|                   | OAE   | Estt | All  | OAE   | Estt | All  | OAE           | Estt | All  |
| S1                | 0.03  | 1.23 | 0.15 | 0.21  | 2.82 | 0.79 | 0.11          | 2.29 | 0.46 |

|     |        |        |        |        |        |        |        |        |        |
|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| S2  | 12.68  | 17.80  | 13.21  | 13.50  | 20.46  | 15.04  | 13.05  | 19.57  | 14.09  |
| S3  | 27.27  | 35.42  | 28.11  | 28.32  | 7.20   | 23.66  | 27.74  | 16.66  | 25.96  |
| S4  | 0.08   | 0.30   | 0.11   | 0.11   | 0.00   | 0.09   | 0.10   | 0.10   | 0.10   |
| S5  | 0.06   | 0.04   | 0.06   | 0.02   | 0.09   | 0.03   | 0.04   | 0.07   | 0.05   |
| S6  | 0.38   | 0.69   | 0.41   | 0.70   | 1.89   | 0.96   | 0.53   | 1.48   | 0.68   |
| S7  | 2.14   | 1.75   | 2.10   | 3.19   | 3.96   | 3.36   | 2.61   | 3.22   | 2.71   |
| S8  | 11.74  | 0.82   | 10.61  | 2.46   | 1.21   | 2.19   | 7.59   | 1.08   | 6.55   |
| S9  | 1.84   | 0.38   | 1.69   | 2.39   | 1.38   | 2.17   | 2.09   | 1.04   | 1.92   |
| S10 | 1.43   | 0.63   | 1.35   | 3.50   | 1.94   | 3.15   | 2.35   | 1.50   | 2.22   |
| S11 | 1.52   | 1.93   | 1.57   | 4.04   | 7.95   | 4.90   | 2.65   | 5.93   | 3.17   |
| S12 | 2.60   | 8.01   | 3.16   | 3.46   | 8.91   | 4.66   | 2.98   | 8.61   | 3.88   |
| S13 | 3.30   | 14.38  | 4.45   | 5.71   | 11.51  | 6.99   | 4.38   | 12.47  | 5.68   |
| S14 | 4.92   | 4.94   | 4.93   | 3.89   | 11.64  | 5.60   | 4.46   | 9.40   | 5.25   |
| S15 | 29.99  | 11.66  | 28.09  | 28.49  | 19.05  | 26.41  | 29.32  | 16.57  | 27.28  |
| S   | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Source: NSS Report No. 549.

**Table A3.11: Estimated number of enterprises by sector and enterprise type for each activity category- other service (2015-16).**

| Activity<br>Ccategory | Rural   |         |          | Urban   |         |          | Rural + Urban |         |          |
|-----------------------|---------|---------|----------|---------|---------|----------|---------------|---------|----------|
|                       | OAE     | Estt.   | all      | OAE     | Estt.   | all      | OAE           | Estt.   | all      |
| S1                    | 3558    | 13525   | 17082    | 12501   | 87257   | 99758    | 16059         | 100782  | 116840   |
| S2                    | 1168678 | 214486  | 1383164  | 1085008 | 509093  | 1594101  | 2253686       | 723578  | 2977265  |
| S3                    | 2724335 | 355083  | 3079418  | 2139119 | 157766  | 2296884  | 4863454       | 512848  | 5376302  |
| S4                    | 1564    | 895     | 2459     | 3561    | 197     | 3758     | 5124          | 1093    | 6217     |
| S5                    | 651     | 826     | 1477     | 2082    | 3323    | 5405     | 2733          | 4149    | 6882     |
| S6                    | 5337    | 4725    | 10062    | 29476   | 48629   | 78105    | 34813         | 53354   | 88167    |
| S7                    | 87521   | 21142   | 108664   | 127731  | 82231   | 209962   | 215252        | 103373  | 318625   |
| S8                    | 1014515 | 15456   | 1029971  | 217227  | 32292   | 249519   | 1231742       | 47748   | 1279490  |
| S9                    | 5588    | 498     | 6086     | 15570   | 10698   | 26269    | 21159         | 11197   | 32355    |
| S10                   | 235522  | 7873    | 243395   | 563937  | 55953   | 619890   | 799459        | 63826   | 863285   |
| S11                   | 136875  | 27391   | 164267   | 354499  | 165669  | 520169   | 491375        | 193061  | 684435   |
| S12                   | 297911  | 149341  | 447252   | 351564  | 236690  | 588254   | 649474        | 386031  | 1035505  |
| S13                   | 302614  | 178578  | 481191   | 534826  | 281312  | 816137   | 837440        | 459889  | 1297329  |
| S14                   | 408095  | 52520   | 460615   | 292735  | 290629  | 583364   | 700830        | 343149  | 1043979  |
| S15                   | 2615587 | 150698  | 2766285  | 2334112 | 460784  | 2794896  | 4949699       | 611482  | 5561181  |
| S                     | 9008350 | 1193037 | 10201387 | 8063947 | 2422522 | 10486470 | 17072298      | 3615559 | 20687857 |

Source: NSS Report No.582

**Table A3.12: Percentage distribution of other service enterprises by State/UT separately for each enterprise type and sector (2015-16).**

| activity | Rural      |            |              | Urban      |            |            | Rural + Urban |              |            |
|----------|------------|------------|--------------|------------|------------|------------|---------------|--------------|------------|
| category | OAE        | Estt.      | All          | OAE        | Estt.      | All        | OAE           | Estt.        | all        |
| S1       | 0.04       | 1.13       | 0.17         | 0.16       | 3.60       | 0.95       | 0.09          | 2.79         | 0.56       |
| S2       | 12.97      | 17.98      | 13.56        | 13.46      | 21.02      | 15.20      | 13.20         | 20.01        | 14.39      |
| S3       | 30.24      | 29.76      | <b>30.19</b> | 26.53      | 6.51       | 21.90      | 28.49         | 14.18        | 25.99      |
| S4       | 0.02       | 0.08       | 0.02         | 0.04       | 0.01       | 0.04       | 0.03          | 0.03         | 0.03       |
| S5       | 0.01       | 0.07       | 0.01         | 0.03       | 0.14       | 0.05       | 0.02          | 0.11         | 0.03       |
| S6       | 0.06       | 0.40       | 0.10         | 0.37       | 2.01       | 0.74       | 0.20          | 1.48         | 0.43       |
| S7       | 0.97       | 1.77       | 1.07         | 1.58       | 3.39       | 2.00       | 1.26          | 2.86         | 1.54       |
| S8       | 11.26      | 1.30       | 10.10        | 2.69       | 1.33       | 2.38       | 7.21          | 1.32         | 6.18       |
| S9       | 0.06       | 0.04       | 0.06         | 0.19       | 0.44       | 0.25       | 0.12          | 0.31         | 0.16       |
| S10      | 2.61       | 0.66       | 2.39         | 6.10       | 2.31       | 5.91       | 4.68          | 1.77         | 4.17       |
| S11      | 1.52       | 2.30       | 1.61         | 4.40       | 6.84       | 4.96       | 2.88          | 5.34         | 3.31       |
| S12      | 3.31       | 12.52      | 4.38         | 4.36       | 9.77       | 5.61       | 3.80          | 10.68        | 5.01       |
| S13      | 3.36       | 14.97      | 4.72         | 6.63       | 11.61      | 7.78       | 4.91          | 12.72        | 6.27       |
| S14      | 4.53       | 4.40       | 4.52         | 3.63       | 11.10      | 5.56       | 4.11          | 9.49         | 5.05       |
| S15      | 29.04      | 12.63      | 27.12        | 28.95      | 19.02      | 26.65      | 28.10         | <b>16.91</b> | 26.88      |
| <b>S</b> | <b>100</b> | <b>100</b> | <b>100</b>   | <b>100</b> | <b>100</b> | <b>100</b> | <b>100</b>    | <b>100</b>   | <b>100</b> |

Source: NSS Report No.582

**Table A3.13. Estimated number of enterprises by sector and enterprise type for each State/UT: (2015-16)**

| State/UT                 | Rural    |         |          | Urban    |         |          | Rural + Urban |          |          | Share (%) |
|--------------------------|----------|---------|----------|----------|---------|----------|---------------|----------|----------|-----------|
|                          | OAE      | Estt    | all      | OAE      | Estt    | all      | OAE           | Estt     | all      |           |
| 1                        | 2        | 3       | 4        | 5        | 6       | 7        | 8             | 9        | 10       |           |
| Andhra Pradesh           | 1791122  | 155686  | 1946808  | 1205771  | 234652  | 1440423  | 2996893       | 390339   | 3387232  | 5.35      |
| Arunachal Pradesh        | 9132     | 1744    | 10876    | 7075     | 4815    | 11890    | 16207         | 6558     | 22766    | 0.04      |
| Assam                    | 738479   | 110708  | 849187   | 248250   | 116688  | 364938   | 986729        | 227396   | 1214125  | 1.92      |
| Bihar                    | 2226632  | 175376  | 2402008  | 812289   | 231264  | 1043553  | 3038921       | 406640   | 3445561  | 5.43      |
| Chhattisgarh             | 466050   | 25560   | 491611   | 264200   | 92325   | 356525   | 730251        | 117885   | 848136   | 1.34      |
| Delhi                    | 7988     | 919     | 8907     | 532102   | 395191  | 927294   | 540091        | 396110   | 936201   | 1.48      |
| Goa                      | 13576    | 4114    | 17690    | 31146    | 21424   | 52569    | 44722         | 25537    | 70259    | 0.12      |
| Gujarat                  | 917707   | 73996   | 991704   | 1897810  | 426913  | 2324723  | 2815517       | 500909   | 3316426  | 5.24      |
| Haryana                  | 332332   | 50380   | 382712   | 398874   | 188405  | 587279   | 731206        | 238785   | 969991   | 1.54      |
| Himachal Pradesh         | 264500   | 50470   | 314970   | 52473    | 24680   | 77153    | 316973        | 75150    | 392122   | 0.62      |
| Jammu & Kashmir          | 303123   | 40348   | 343471   | 266886   | 98540   | 365426   | 570009        | 138888   | 708897   | 1.12      |
| Jharkhand                | 1117433  | 90234   | 1207668  | 307315   | 72991   | 380306   | 1424749       | 163225   | 1587974  | 2.5       |
| Karnataka                | 1603018  | 156372  | 1759390  | 1472600  | 602277  | 2074877  | 3075618       | 758649   | 3834267  | 6.05      |
| Kerala                   | 831633   | 238386  | 1070018  | 953375   | 356070  | 1309445  | 1785007       | 594456   | 2379463  | 3.75      |
| Madhya Pradesh           | 1269318  | 90247   | 1359565  | 1035209  | 279235  | 1314444  | 2304527       | 369483   | 2674009  | 4.21      |
| Maharashtra              | 1763404  | 166347  | 1929752  | 2015370  | 833764  | 2849133  | 3778774       | 1000111  | 4778885  | 7.53      |
| Manipur                  | 98186    | 7646    | 105832   | 63298    | 11001   | 74299    | 161484        | 18647    | 180131   | 0.28      |
| Meghalaya                | 59104    | 17309   | 76413    | 24271    | 11596   | 35867    | 83375         | 28905    | 112280   | 0.18      |
| Mizoram                  | 11159    | 1245    | 12404    | 16997    | 5531    | 22529    | 28156         | 6776     | 34932    | 0.06      |
| Nagaland                 | 29869    | 4918    | 34787    | 35675    | 20701   | 56376    | 65545         | 25619    | 91163    | 0.14      |
| Odisha                   | 1372353  | 115186  | 1487539  | 381383   | 115507  | 496889   | 1753735       | 230693   | 1984428  | 3.13      |
| Punjab                   | 539580   | 76003   | 615583   | 614333   | 235116  | 849449   | 1153913       | 311119   | 1465032  | 2.31      |
| Rajasthan                | 1169137  | 109089  | 1278226  | 1119268  | 289439  | 1408707  | 2288405       | 398528   | 2686933  | 4.23      |
| Sikkim                   | 13071    | 1064    | 14135    | 9229     | 2735    | 11964    | 22300         | 3799     | 26099    | 0.04      |
| Tamil Nadu               | 1382446  | 209244  | 1591690  | 2477092  | 878916  | 3356008  | 3859538       | 1088160  | 4947698  | 7.8       |
| Telangana                | 1253030  | 52225   | 1305255  | 1022465  | 276884  | 1299349  | 2275495       | 329109   | 2604604  | 4.1       |
| Tripura                  | 101017   | 14869   | 115886   | 74309    | 20637   | 94946    | 175326        | 35506    | 210832   | 0.33      |
| Uttar Pradesh            | 4462722  | 386749  | 4849471  | 3411989  | 738302  | 4150291  | 7874711       | 1125051  | 8999763  | 14.11     |
| Uttarakhand              | 184827   | 27868   | 212694   | 156377   | 47558   | 203935   | 341203        | 75426    | 416630   | 0.66      |
| West Bengal              | 5333269  | 333228  | 5666497  | 2653467  | 548491  | 3201958  | 7986736       | 881719   | 8868455  | 13.99     |
| Andaman & Nicobar Island | 6335     | 977     | 7312     | 8324     | 3571    | 11895    | 14659         | 4549     | 19207    | 0.03      |
| Chandigarh               | 1083     | 487     | 1570     | 32976    | 21909   | 54885    | 34059         | 22396    | 56455    | 0.09      |
| Dadra & Nagar Haveli     | 7942     | 481     | 8423     | 3915     | 3248    | 7163     | 11857         | 3729     | 15586    | 0.03      |
| Daman & Diu              | 1359     | 259     | 1618     | 4774     | 1323    | 6097     | 6133          | 1582     | 7715     | 0.01      |
| Lakshadweep              | 105      | 73      | 178      | 992      | 704     | 1696     | 1097          | 777      | 1874     | 0.00      |
| Puducherry               | 13818    | 4001    | 17819    | 51568    | 26455   | 78024    | 65387         | 30456    | 95843    | 0.15      |
| all-India                | 29695861 | 2793809 | 32489670 | 23663446 | 7238858 | 30902305 | 53359308      | 10032667 | 63391974 | 100       |

OAE- Own Account Enterprises: Year 15-16. Source: NSS 73rd Round

**Table A3.14: Estimated number of enterprises in descending order in different States/UTs (2010-11)**

| State / UT        | Rural    |         |          | Urban    |         |          | Rural + Urban |         |          | % share |
|-------------------|----------|---------|----------|----------|---------|----------|---------------|---------|----------|---------|
|                   | OAE      | Estt    | all      | OAE      | Estt    | all      | OAE           | Estt    | all      |         |
| 1                 | 2        | 3       | 4        | 5        | 6       | 7        | 8             | 9       | 10       | 11      |
| Uttar Pradesh     | 4448590  | 276634  | 4725225  | 3000750  | 657494  | 3658245  | 7449340       | 934129  | 8383469  | 14.54   |
| West Bengal       | 4419182  | 296942  | 4716124  | 1990990  | 580888  | 2571878  | 6410173       | 877829  | 7288001  | 12.64   |
| Andhra Pradesh    | 3046796  | 246293  | 3293090  | 1830143  | 476979  | 2307121  | 4876939       | 723273  | 5600211  | 9.71    |
| Maharashtra       | 1780248  | 145686  | 1925935  | 2427433  | 803110  | 3230544  | 4207682       | 948797  | 5156479  | 8.94    |
| Tamil Nadu        | 1441566  | 232127  | 1673693  | 2073604  | 719727  | 2793331  | 3515171       | 951854  | 4467024  | 7.75    |
| Gujarat           | 831929   | 96866   | 928795   | 2241038  | 465257  | 2706296  | 3072967       | 562125  | 3635091  | 6.30    |
| Karnataka         | 1322446  | 89202   | 1411647  | 978803   | 420797  | 1399599  | 2301248       | 509999  | 2811247  | 4.87    |
| Madhya Pradesh    | 1238465  | 90610   | 1329075  | 1063680  | 201645  | 1265325  | 2302146       | 292255  | 2594400  | 4.50    |
| Odisha            | 1858503  | 127780  | 1986284  | 367679   | 90854   | 458533   | 2226182       | 218634  | 2444818  | 4.24    |
| Bihar             | 1715471  | 99818   | 1815288  | 396286   | 97032   | 493317   | 2111758       | 196850  | 2308608  | 4.00    |
| Rajasthan         | 990745   | 109258  | 1100002  | 830995   | 211438  | 1042433  | 1821740       | 320695  | 2142435  | 3.71    |
| Kerala            | 957194   | 226212  | 1183404  | 455876   | 223006  | 678882   | 1413068       | 449218  | 1862286  | 3.23    |
| Punjab            | 477700   | 84083   | 561783   | 662979   | 218270  | 881249   | 1140678       | 302353  | 1443030  | 2.50    |
| Jharkhand         | 817730   | 71992   | 889722   | 242985   | 61702   | 304686   | 1060715       | 133694  | 1194408  | 2.07    |
| Assam             | 798820   | 126176  | 924996   | 142951   | 83119   | 226070   | 941770        | 209295  | 1151065  | 2.00    |
| Delhi             | 19741    | 8022    | 27764    | 599639   | 496690  | 1096328  | 619380        | 504712  | 1124091  | 1.95    |
| Haryana           | 377514   | 58539   | 436054   | 481177   | 139501  | 620678   | 858693        | 198040  | 1056732  | 1.83    |
| Chhattisgarh      | 385137   | 32446   | 417583   | 177356   | 81424   | 258780   | 562495        | 113869  | 676364   | 1.17    |
| Jammu & Kashmir   | 291164   | 60038   | 351202   | 196042   | 50586   | 246628   | 487206        | 110624  | 597830   | 1.04    |
| Uttaranchal       | 245708   | 47622   | 293329   | 115730   | 56015   | 171745   | 361438        | 103637  | 465075   | 0.81    |
| Tripura           | 313277   | 39246   | 352524   | 40359    | 5380    | 45739    | 353637        | 44626   | 398263   | 0.69    |
| Himachal Pradesh  | 240988   | 37858   | 278847   | 50762    | 20138   | 70899    | 291750        | 57996   | 349745   | 0.61    |
| Manipur           | 71210    | 2324    | 73532    | 46274    | 4023    | 50296    | 117483        | 6346    | 123829   | 0.21    |
| Meghalaya         | 61756    | 19987   | 81743    | 9533     | 6264    | 15798    | 71289         | 26252   | 97541    | 0.17    |
| Puducherry        | 6854     | 1572    | 8426     | 38804    | 12931   | 51735    | 45659         | 14502   | 60161    | 0.10    |
| Chandigarh        | 4257     | 955     | 5212     | 44526    | 5708    | 50235    | 48784         | 6663    | 55446    | 0.10    |
| Goa               | 20482    | 6106    | 26588    | 15132    | 12555   | 27688    | 35614         | 18662   | 54276    | 0.09    |
| Nagaland          | 15828    | 2276    | 18103    | 7801     | 1864    | 9666     | 23628         | 4141    | 27769    | 0.05    |
| Sikkim            | 14259    | 1745    | 16006    | 9065     | 2035    | 11100    | 23325         | 3781    | 27105    | 0.05    |
| Arunachal Pradesh | 10436    | 1331    | 11767    | 6724     | 3048    | 9772     | 17160         | 4378    | 21538    | 0.04    |
| Mizoram           | 7112     | 677     | 7788     | 9543     | 3309    | 12851    | 16655         | 3985    | 20640    | 0.04    |
| A & N. Islands    | 7024     | 998     | 8020     | 4179     | 2426    | 6605     | 11203         | 3424    | 14626    | 0.03    |
| Dadra & N. Haveli | 4209     | 1873    | 6081     | 1778     | 1461    | 3237     | 5985          | 3333    | 9319     | 0.02    |
| Daman & Diu       | 2713     | 1602    | 4316     | 3266     | 931     | 4197     | 5980          | 2534    | 8513     | 0.01    |
| Lakshadweep       | 958      | 180     | 1140     | 589      | 137     | 726      | 1549          | 317     | 1865     | 0.00    |
| all-India         | 28246017 | 2645076 | 30891094 | 20564470 | 6217742 | 26782213 | 48810487      | 8862818 | 57673305 | 100.00  |

Source: NSS Report No. 549: 73rd Round

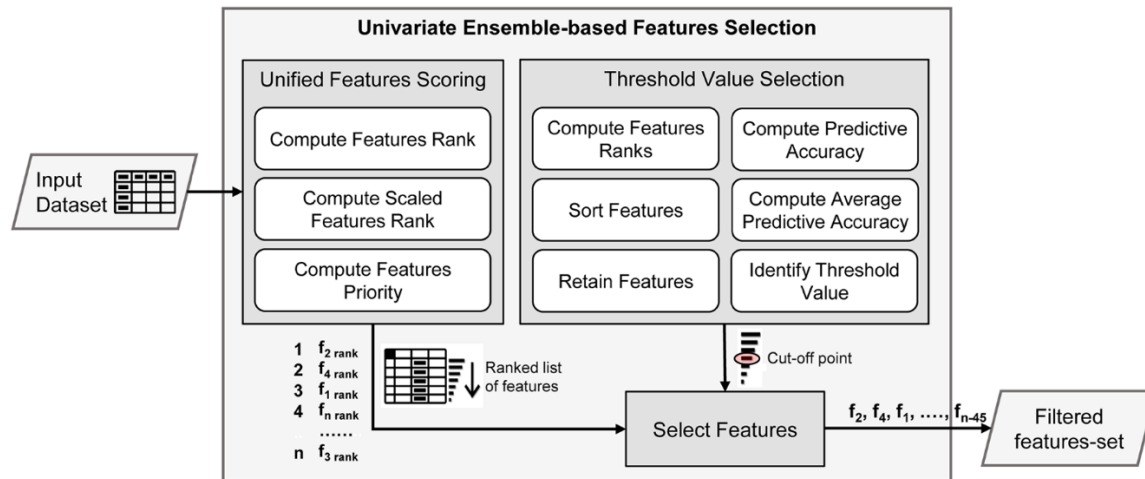


## ANNEXURE 1B

### Classification of informal Enterprises leading to identification priority sectors

#### A1.1. Overall Prioritization of Sectors based on ensemble-based feature selection methodology

In Chapter 3 it can be seen that the various Manufacturing (M), Trade (T) and other services (S) sectors have been ranked on the basis of individual sup-parameter (GVAPW, GVAPE and gender based inclusivity criteria respectively). But for getting an overall picture of the order of priority of focus a combined overview of ranks of GVAPW, GVAPE, gender based inclusivity and number of workers is critical. Taking average of ranks is not trivial and hence an ensemble based feature selection (FS) methodology can be used. Similar approaches have been used by leading agencies across the globe for taking multi-criteria decision making and multi-feature based approaches for coming to the relevant insights. Examples for the same include World Bank (in its credit scoring approach guidelines)<sup>1</sup>, ESSnet small area estimation<sup>2</sup>, FAO<sup>3</sup> and others<sup>4</sup>. In the FS process, normally, two steps are required. In the first step, features are typically ranked, whereas, in the second step, a cutoff point is defined to select important features and to filter out the irrelevant features for building more robust machine learning models. In this regard, the applied univariate feature selection (UFS) algorithm covers the first step of FS, while the threshold value selection (TVS) algorithm covers the second step. Fig A1.1 shows the functional details of the applied univariate ensemble feature selection (Uefs) methodology, which consists of three major components of UFS, TVS, and select features. For example, feature  $f_2$  has the highest priority, then feature  $f_4$ , and so on, as shown in Fig A1.1. Similarly, the TVS component defines a cutoff point for selecting important features. Finally, the select features component filters out the irrelevant features from the final-ranked list of features based on a cutoff point and selects a subset of features that are deemed as important for the classifier construction. For example,  $f_2, f_4, f_1, \dots, f_{n-45}$  is the list of features that were selected by the proposed uEFS methodology



*Figure A1.1 Univariate ensemble-based features selection methodology*

Adapted use of this algorithm has been shown in Table A1.1

<sup>1</sup> <http://pubdocs.worldbank.org/en/935891585869698451/CREDIT-SCORING-APPROACHES-GUIDELINES-FINAL-WEB.pdf>

<sup>2</sup> [https://ec.europa.eu/eurostat/cros/system/files/WP2\\_Final\\_Report.pdf](https://ec.europa.eu/eurostat/cros/system/files/WP2_Final_Report.pdf)

<sup>3</sup> <http://www.fao.org/3/bc265e/bc265e.pdf>

<sup>4</sup> <http://etheses.lse.ac.uk/2269/1/U615216.pdf>

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Total Scaled | Avg Total Scaled   | Weights | Normalized Priority | Overall Priority Rank |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|--------------|--------------------|---------|---------------------|-----------------------|
|                   |            |              |            |              |                |                  |              | (Feature Score-FS) |         | 1-(FS*Weight)       |                       |
| M1                | 15         | 0.583        | 6          | 0.208        | 21             | 0.833            | 1.625        | 0.542              | 0.044   | 0.976               | 15                    |
| M2                | 18         | 0.708        | 19         | 0.750        | 11             | 0.417            | 1.875        | 0.625              | 0.050   | 0.969               | 19                    |
| M3                | 24         | 0.958        | 22         | 0.875        | 3              | 0.083            | 1.917        | 0.639              | 0.051   | 0.967               | 21                    |
| M4                | 25         | 1.000        | 25         | 1.000        | 1              | 0.000            | 2.000        | 0.667              | 0.054   | 0.964               | 25                    |
| M5                | 22         | 0.875        | 21         | 0.833        | 4              | 0.125            | 1.833        | 0.611              | 0.049   | 0.970               | 17                    |
| M6                | 19         | 0.750        | 24         | 0.958        | 5              | 0.167            | 1.875        | 0.625              | 0.050   | 0.969               | 19                    |
| M7                | 14         | 0.542        | 14         | 0.542        | 8              | 0.292            | 1.375        | 0.458              | 0.037   | 0.983               | 9                     |
| M8                | 23         | 0.917        | 22         | 0.875        | 2              | 0.042            | 1.833        | 0.611              | 0.049   | 0.970               | 17                    |
| M9                | 15         | 0.583        | 17         | 0.667        | 9              | 0.333            | 1.583        | 0.528              | 0.042   | 0.978               | 14                    |
| M10               | 7          | 0.250        | 11         | 0.417        | 22             | 0.875            | 1.542        | 0.514              | 0.041   | 0.979               | 11                    |
| M11               | 17         | 0.667        | 8          | 0.292        | 25             | 1.000            | 1.958        | 0.653              | 0.052   | 0.966               | 22                    |
| M12               | 20         | 0.792        | 20         | 0.792        | 10             | 0.375            | 1.958        | 0.653              | 0.052   | 0.966               | 22                    |
| M13               | 8          | 0.292        | 9          | 0.333        | 23             | 0.917            | 1.542        | 0.514              | 0.041   | 0.979               | 11                    |
| M14               | 6          | 0.208        | 5          | 0.167        | 14             | 0.542            | 0.917        | 0.306              | 0.025   | 0.992               | 3                     |
| M15               | 20         | 0.792        | 13         | 0.500        | 17             | 0.667            | 1.958        | 0.653              | 0.052   | 0.966               | 22                    |
| M16               | 9          | 0.333        | 10         | 0.375        | 18             | 0.708            | 1.417        | 0.472              | 0.038   | 0.982               | 10                    |
| M17               | 9          | 0.333        | 12         | 0.458        | 12             | 0.458            | 1.250        | 0.417              | 0.033   | 0.986               | 6                     |
| M18               | 3          | 0.083        | 7          | 0.250        | 24             | 0.958            | 1.292        | 0.431              | 0.035   | 0.985               | 7                     |
| M19               | 4          | 0.125        | 2          | 0.042        | 20             | 0.792            | 0.958        | 0.319              | 0.026   | 0.992               | 4                     |
| M20               | 1          | 0.000        | 1          | 0.000        | 15             | 0.583            | 0.583        | 0.194              | 0.016   | 0.997               | 2                     |
| M21               | 5          | 0.167        | 3          | 0.083        | 19             | 0.750            | 1.000        | 0.333              | 0.027   | 0.991               | 5                     |
| M22               | 2          | 0.042        | 4          | 0.125        | 7              | 0.250            | 0.417        | 0.139              | 0.011   | 0.998               | 1                     |
| M23               | 12         | 0.458        | 15         | 0.583        | 13             | 0.500            | 1.542        | 0.514              | 0.041   | 0.979               | 11                    |
| M24               | 13         | 0.500        | 16         | 0.625        | 6              | 0.208            | 1.333        | 0.444              | 0.036   | 0.984               | 8                     |
| M25               | 11         | 0.417        | 18         | 0.708        | 16             | 0.625            | 1.750        | 0.583              | 0.047   | 0.973               | 16                    |
| M                 |            |              |            |              |                |                  | 37.333       |                    |         |                     |                       |
| T1                | 1          | 0.000        | 1          | 0.000        | 4              | 0.750            | 0.750        | 0.250              | 0.100   | 0.975               | 1                     |
| T2                | 4          | 0.750        | 4          | 0.750        | 5              | 1.000            | 2.500        | 0.833              | 0.333   | 0.722               | 5                     |
| T3                | 2          | 0.250        | 3          | 0.500        | 2              | 0.250            | 1.000        | 0.333              | 0.133   | 0.956               | 2                     |
| T4                | 3          | 0.500        | 2          | 0.250        | 3              | 0.500            | 1.250        | 0.417              | 0.167   | 0.931               | 3                     |
| T5                | 5          | 1.000        | 5          | 1.000        | 1              | 0.000            | 2.000        | 0.667              | 0.267   | 0.822               | 4                     |
| T                 |            |              |            |              |                |                  | 7.500        |                    |         |                     |                       |
| S1                | 1          | 0.000        | 1          | 0.000        | 11             | 0.714            | 0.714        | 0.238              | 0.032   | 0.992               | 1                     |
| S2                | 13         | 0.857        | 9          | 0.571        | 3              | 0.143            | 1.571        | 0.524              | 0.070   | 0.963               | 10                    |
| S3                | 11         | 0.714        | 13         | 0.857        | 5              | 0.286            | 1.857        | 0.619              | 0.083   | 0.949               | 12                    |
| S4                | 12         | 0.786        | 11         | 0.714        | 15             | 1.000            | 2.500        | 0.833              | 0.112   | 0.907               | 15                    |
| S5                | 5          | 0.286        | 2          | 0.071        | 14             | 0.929            | 1.286        | 0.429              | 0.058   | 0.975               | 5                     |
| S6                | 8          | 0.500        | 5          | 0.286        | 6              | 0.357            | 1.143        | 0.381              | 0.051   | 0.981               | 2                     |
| S7                | 10         | 0.643        | 8          | 0.500        | 8              | 0.500            | 1.643        | 0.548              | 0.073   | 0.960               | 11                    |
| S8                | 2          | 0.071        | 15         | 1.000        | 4              | 0.214            | 1.286        | 0.429              | 0.058   | 0.975               | 5                     |
| S9                | 4          | 0.214        | 6          | 0.357        | 12             | 0.786            | 1.357        | 0.452              | 0.061   | 0.973               | 7                     |

|     |    |       |    |       |    |       |        |       |       |       |    |
|-----|----|-------|----|-------|----|-------|--------|-------|-------|-------|----|
| S10 | 9  | 0.571 | 12 | 0.786 | 2  | 0.071 | 1.429  | 0.476 | 0.064 | 0.970 | 9  |
| S11 | 6  | 0.357 | 7  | 0.429 | 9  | 0.571 | 1.357  | 0.452 | 0.061 | 0.973 | 7  |
| S12 | 13 | 0.857 | 10 | 0.643 | 7  | 0.429 | 1.929  | 0.643 | 0.086 | 0.945 | 13 |
| S13 | 6  | 0.357 | 3  | 0.143 | 10 | 0.643 | 1.143  | 0.381 | 0.051 | 0.981 | 2  |
| S14 | 3  | 0.143 | 4  | 0.214 | 13 | 0.857 | 1.214  | 0.405 | 0.054 | 0.978 | 4  |
| S15 | 15 | 1.000 | 14 | 0.929 | 1  | 0.000 | 1.929  | 0.643 | 0.086 | 0.945 | 13 |
| S   |    |       |    |       |    |       | 22.357 |       |       |       |    |

Table 7.5.1 Prioritization of Sectors based on an efficient and comprehensive ensemble-based feature selection methodology

Based on Table 7.5.1 and the classification of informal sector given by NSSO, following is the proposed priority order for various sectors on a national level based on the seventy third round of the NSSO survey:

**I. Manufacturing (Rank 1 to 25 – Wherein 1 means highest priority and 25 means lowest)**

| Rank | Sector | Description of the Sector                                                                                                     |
|------|--------|-------------------------------------------------------------------------------------------------------------------------------|
| 1    | M22    | Manufacture of other transport equipment,                                                                                     |
| 2    | M20    | Manufacture of machinery and equipment n.e.c.,                                                                                |
| 3    | M14    | Manufacture of rubber and plastics products,                                                                                  |
| 4    | M19    | Manufacture of electrical equipment,                                                                                          |
| 5    | M21    | Manufacture of motor vehicles, trailers and semi-trailers,                                                                    |
| 6    | M17    | Manufacture of fabricated metal products, except machinery and equipment,                                                     |
| 7    | M18    | Manufacture of computer, electronic and optical products,                                                                     |
| 8    | M24    | Other manufacturing,                                                                                                          |
| 9    | M7     | Manufacture of leather and related products,                                                                                  |
| 10   | M16    | Manufacture of basic metals,                                                                                                  |
| 11   | M10    | Printing and reproduction of recorded media,                                                                                  |
| 11   | M13    | Manufacture of pharmaceuticals, medicinal chemical and botanical products,                                                    |
| 11   | M23    | Manufacture of furniture,                                                                                                     |
| 14   | M9     | Manufacture of paper and paper products,                                                                                      |
| 15   | M1     | Cotton ginning, cleaning and bailing,                                                                                         |
| 16   | M25    | Repair and installation of machinery and equipment,                                                                           |
| 17   | M5     | Manufacture of textiles,                                                                                                      |
| 17   | M8     | Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials, |
| 19   | M2     | Manufacture of food products,                                                                                                 |
| 19   | M6     | Manufacture of wearing apparel,                                                                                               |
| 21   | M3     | Manufacture of beverages,                                                                                                     |
| 22   | M11    | Manufacture of coke and refined petroleum products,                                                                           |
| 22   | M12    | Manufacture of chemicals and chemical products,                                                                               |
| 22   | M15    | Manufacture of other non-metallic mineral products,                                                                           |
| 25   | M4     | Manufacture of tobacco products,                                                                                              |

**II. Trade (Rank 1 to 5 – Wherein 1 means highest priority and 5 means lowest)**

| Rank | Sector | Description of the Sector                                              |
|------|--------|------------------------------------------------------------------------|
| 1    | T1     | Wholesale and retail trade of motor vehicles and motor cycles,         |
| 2    | T3     | Activities of commission agents                                        |
| 3    | T4     | Other wholesale trade,                                                 |
| 4    | T5     | Other retail trade                                                     |
| 5    | T2     | Maintenance and repair of motor vehicles and motor cycles , and repair |

**III. Services (Rank 1 to 15 – Wherein 1 means highest priority and 15 means lowest)**

| Rank | Sector | Description of the Sector                                |
|------|--------|----------------------------------------------------------|
| 1    | S1     | Accommodation,                                           |
| 15   | S4     | Water transport,                                         |
| 13   | S12    | Administrative and support service activities,           |
| 13   | S15    | Other community, social and personal service activities, |
| 12   | S3     | Land transport,                                          |
| 11   | S7     | Information and Communication,                           |
| 10   | S2     | Food service activities,                                 |

|   |     |                                                                       |
|---|-----|-----------------------------------------------------------------------|
| 9 | S10 | Real estate activities,                                               |
| 7 | S9  | Other financial activities,                                           |
| 7 | S11 | Professional, Scientific and Technical activities,                    |
| 5 | S5  | Warehousing and storage,                                              |
| 5 | S8  | Financial service activities except insurance and pension funding,    |
| 4 | S14 | Human Health and Social work,                                         |
| 2 | S6  | Support activities for transportation, postal and courier activities, |
| 2 | S13 | Education,                                                            |

### **A1.2. Geography based Prioritization of Sectors based on an efficient and comprehensive ensemble-based feature selection methodology**

As per the TOR, there is another critical element that has to be considered and that is geography. Prioritization on the basis of geography would entail state-wise prioritization on the four parameters taken on the national level (viz. employment, GVA per worker, GVA per enterprise and inclusion) and there after looking at the state-wise and nation-overall most critical focus areas for prioritization. For doing so NSSO data was used<sup>5</sup>. There will be 35 tables (viz. A1.1.1 to A1.1.35) summarizing activities and the three prioritization criterion. The 36<sup>th</sup> table (viz. A1.1.36) would be bringing all the states data together to come up with an ensemble of final prioritization and recommendation of key priority areas for ministry of MSDE.

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<sup>5</sup> Report number 549, 67<sup>th</sup> round of NSSO.

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 24         | 1.000        | 24         | 1.000        | 16             | 1.000            | 24          | 1.000         | 4.000        | 1.000            | 0.072   | 0.072    | 0.928               | 24               |
| M2                | 21         | 0.870        | 15         | 0.609        | 13             | 0.800            | 2           | 0.043         | 2.322        | 0.580            | 0.042   | 0.024    | 0.976               | 18               |
| M3                | 14         | 0.565        | 16         | 0.652        | 8              | 0.467            | 10          | 0.391         | 2.075        | 0.519            | 0.037   | 0.019    | 0.981               | 11               |
| M4                | 22         | 0.913        | 20         | 0.826        | 2              | 0.067            | 5           | 0.174         | 1.980        | 0.495            | 0.036   | 0.018    | 0.982               | 10               |
| M5                | 17         | 0.696        | 17         | 0.696        | 3              | 0.133            | 3           | 0.087         | 1.612        | 0.403            | 0.029   | 0.012    | 0.988               | 4                |
| M6                | 19         | 0.783        | 21         | 0.870        | 10             | 0.600            | 1           | 0.000         | 2.252        | 0.563            | 0.041   | 0.023    | 0.977               | 16               |
| M7                | 9          | 0.348        | 10         | 0.391        | 13             | 0.800            | 18          | 0.739         | 2.278        | 0.570            | 0.041   | 0.023    | 0.977               | 17               |
| M8                | 15         | 0.609        | 18         | 0.739        | 11             | 0.667            | 4           | 0.130         | 2.145        | 0.536            | 0.039   | 0.021    | 0.979               | 14               |
| M9                | 12         | 0.478        | 9          | 0.348        | 8              | 0.467            | 14          | 0.565         | 1.858        | 0.464            | 0.033   | 0.016    | 0.984               | 8                |
| M10               | 3          | 0.087        | 5          | 0.174        | 16             | 1.000            | 11          | 0.435         | 1.696        | 0.424            | 0.030   | 0.013    | 0.987               | 6                |
| M11               | 24         | 1.000        | 24         | 1.000        | 16             | 1.000            | 24          | 1.000         | 4.000        | 1.000            | 0.072   | 0.072    | 0.928               | 24               |
| M12               | 20         | 0.826        | 19         | 0.783        | 5              | 0.267            | 16          | 0.652         | 2.528        | 0.632            | 0.045   | 0.029    | 0.971               | 21               |
| M13               | 2          | 0.043        | 11         | 0.435        | 16             | 1.000            | 23          | 0.957         | 2.435        | 0.609            | 0.044   | 0.027    | 0.973               | 19               |
| M14               | 4          | 0.130        | 6          | 0.217        | 5              | 0.267            | 13          | 0.522         | 1.136        | 0.284            | 0.020   | 0.006    | 0.994               | 1                |
| M15               | 16         | 0.652        | 7          | 0.261        | 4              | 0.200            | 7           | 0.261         | 1.374        | 0.343            | 0.025   | 0.008    | 0.992               | 2                |
| M16               | 8          | 0.304        | 1          | 0.000        | 11             | 0.667            | 17          | 0.696         | 1.667        | 0.417            | 0.030   | 0.012    | 0.988               | 5                |
| M17               | 5          | 0.174        | 8          | 0.304        | 15             | 0.933            | 8           | 0.304         | 1.716        | 0.429            | 0.031   | 0.013    | 0.987               | 7                |
| M18               | 23         | 0.957        | 23         | 0.957        | 1              | 0.000            | 22          | 0.913         | 2.826        | 0.707            | 0.051   | 0.036    | 0.964               | 22               |
| M19               | 10         | 0.391        | 3          | 0.087        | 16             | 1.000            | 15          | 0.609         | 2.087        | 0.522            | 0.038   | 0.020    | 0.980               | 12               |
| M20               | 18         | 0.739        | 22         | 0.913        | 16             | 1.000            | 19          | 0.783         | 3.435        | 0.859            | 0.062   | 0.053    | 0.947               | 23               |
| M21               | 1          | 0.000        | 2          | 0.043        | 16             | 1.000            | 20          | 0.826         | 1.870        | 0.467            | 0.034   | 0.016    | 0.984               | 9                |
| M22               | 11         | 0.435        | 4          | 0.130        | 16             | 1.000            | 21          | 0.870         | 2.435        | 0.609            | 0.044   | 0.027    | 0.973               | 19               |
| M23               | 6          | 0.217        | 13         | 0.522        | 16             | 1.000            | 9           | 0.348         | 2.087        | 0.522            | 0.038   | 0.020    | 0.980               | 12               |
| M24               | 13         | 0.522        | 14         | 0.565        | 5              | 0.267            | 6           | 0.217         | 1.571        | 0.393            | 0.028   | 0.011    | 0.989               | 3                |
| M25               | 7          | 0.261        | 12         | 0.478        | 16             | 1.000            | 12          | 0.478         | 2.217        | 0.554            | 0.040   | 0.022    | 0.978               | 15               |
| M                 |            |              |            |              |                |                  |             |               | 55.600       |                  |         |          |                     |                  |
| T1                | 2          | 0.333        | 2          | 0.333        | 4              | 1.000            | 3           | 0.667         | 2.333        | 0.583            | 0.292   | 0.170    | 0.830               | 2                |
| T2                | 3          | 0.667        | 3          | 0.667        | 1              | 0.000            | 4           | 1.000         | 2.333        | 0.583            | 0.292   | 0.170    | 0.830               | 2                |
| T3                | 1          | 0.000        | 1          | 0.000        | 3              | 0.667            | 2           | 0.333         | 1.000        | 0.250            | 0.125   | 0.031    | 0.969               | 1                |
| T4                | 4          | 1.000        | 4          | 1.000        | 2              | 0.333            | 1           | 0.000         | 2.333        | 0.583            | 0.292   | 0.170    | 0.830               | 4                |
| T                 |            |              |            |              |                |                  |             |               | 8.000        |                  |         |          |                     |                  |

|     |    |       |    |       |   |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|---|-------|----|-------|--------|-------|-------|-------|-------|----|
| S1  | 2  | 0.071 | 2  | 0.071 | 6 | 1.000 | 11 | 0.714 | 1.857  | 0.464 | 0.054 | 0.025 | 0.975 | 4  |
| S2  | 10 | 0.643 | 5  | 0.286 | 3 | 0.400 | 4  | 0.214 | 1.543  | 0.386 | 0.045 | 0.017 | 0.983 | 2  |
| S3  | 6  | 0.357 | 9  | 0.571 | 6 | 1.000 | 3  | 0.143 | 2.071  | 0.518 | 0.060 | 0.031 | 0.969 | 7  |
| S4  | 11 | 0.714 | 12 | 0.786 | 6 | 1.000 | 15 | 1.000 | 3.500  | 0.875 | 0.102 | 0.089 | 0.911 | 14 |
| S5  | 14 | 0.929 | 14 | 0.929 | 6 | 1.000 | 14 | 0.929 | 3.786  | 0.946 | 0.110 | 0.104 | 0.896 | 15 |
| S6  | 8  | 0.500 | 6  | 0.357 | 6 | 1.000 | 12 | 0.786 | 2.643  | 0.661 | 0.077 | 0.051 | 0.949 | 10 |
| S7  | 13 | 0.857 | 13 | 0.857 | 6 | 1.000 | 6  | 0.357 | 3.071  | 0.768 | 0.090 | 0.069 | 0.931 | 13 |
| S8  | 15 | 1.000 | 15 | 1.000 | 1 | 0.000 | 1  | 0.000 | 2.000  | 0.500 | 0.058 | 0.029 | 0.971 | 6  |
| S9  | 5  | 0.286 | 8  | 0.500 | 6 | 1.000 | 13 | 0.857 | 2.643  | 0.661 | 0.077 | 0.051 | 0.949 | 10 |
| S10 | 7  | 0.429 | 10 | 0.643 | 6 | 1.000 | 10 | 0.643 | 2.714  | 0.679 | 0.079 | 0.054 | 0.946 | 12 |
| S11 | 3  | 0.143 | 4  | 0.214 | 6 | 1.000 | 9  | 0.571 | 1.929  | 0.482 | 0.056 | 0.027 | 0.973 | 5  |
| S12 | 9  | 0.571 | 7  | 0.429 | 5 | 0.800 | 8  | 0.500 | 2.300  | 0.575 | 0.067 | 0.039 | 0.961 | 9  |
| S13 | 1  | 0.000 | 1  | 0.000 | 1 | 0.000 | 5  | 0.286 | 0.286  | 0.071 | 0.008 | 0.001 | 0.999 | 1  |
| S14 | 4  | 0.214 | 3  | 0.143 | 6 | 1.000 | 7  | 0.429 | 1.786  | 0.446 | 0.052 | 0.023 | 0.977 | 3  |
| S15 | 12 | 0.786 | 11 | 0.714 | 4 | 0.600 | 2  | 0.071 | 2.171  | 0.543 | 0.063 | 0.034 | 0.966 | 8  |
| S   |    |       |    |       |   |       |    |       | 34.300 |       |       |       |       |    |

Table A1.1.1 Prioritization of Sectors for ANDHRA PRADESH based on comprehensive ensemble-based feature selection methodology

M1: Cotton ginning, cleaning and bailing,  
M2: Manufacture of food products,  
M3: Manufacture of beverages,  
M4: Manufacture of tobacco products,  
M5: Manufacture of textiles,  
M6: Manufacture of wearing apparel,  
M7: Manufacture of leather and related products,  
M8: Manufacture of wood and products of wood and cork, except furniture;  
manufacture of articles of straw and plaiting materials,  
M9: Manufacture of paper and paper products,  
M10: Printing and reproduction of recorded media,  
M11: Manufacture of coke and refined petroleum products,  
M12: Manufacture of chemicals and chemical products,  
M13: Manufacture of pharmaceuticals, medicinal chemical and botanical products,  
M14: Manufacture of rubber and plastics products,  
M15: Manufacture of other non-metallic mineral products,  
M16: Manufacture of basic metals,  
M17: Manufacture of fabricated metal products, except machinery and equipment,  
M18: Manufacture of computer, electronic and optical products,  
M19: Manufacture of electrical equipment,  
M20: Manufacture of machinery and equipment n.e.c.,  
M21: Manufacture of motor vehicles, trailers and semi-trailers,  
M22: Manufacture of other transport equipment,

M23: Manufacture of furniture,  
M24: Other manufacturing,  
M25: Repair and installation of machinery and equipment,  
M: Manufacturing activities  
T1: Trade and repair of motor vehicles and motor cycles,  
T2: Activities of commission agents,  
T3: Other wholesale trade,  
T4: Other retail trade,  
T: Trading activities (Total)  
S1: Accommodation,  
S2: Food service activities,  
S3: Land transport,  
S4: Water transport,  
S5: Warehousing and storage,  
S6: Support activities for transportation, postal and courier activities,  
S7: Information and Communication,  
S8: Financial service activities except insurance and pension funding,  
S9: Other financial activities,  
S10: Real estate activities,  
S11: Professional, Scientific and Technical activities,  
S12: Administrative and support service activities,  
S13: Education,  
S14: Human Health and Social work,

S15: Other community, social and personal service activities,

S:Other services(Total)

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 9          | 0.381        | 17         | 0.762        | 20             | 1.000            | 21          | 0.952         | 3.095        | 0.774            | 0.055   | 0.042    | 0.958               | 20               |
| M2                | 10         | 0.429        | 13         | 0.571        | 4              | 0.158            | 4           | 0.143         | 1.301        | 0.325            | 0.023   | 0.007    | 0.993               | 4                |
| M3                | 18         | 0.810        | 6          | 0.238        | 14             | 0.684            | 18          | 0.810         | 2.541        | 0.635            | 0.045   | 0.029    | 0.971               | 18               |
| M4                | 7          | 0.286        | 10         | 0.429        | 6              | 0.263            | 18          | 0.810         | 1.787        | 0.447            | 0.032   | 0.014    | 0.986               | 6                |
| M5                | 21         | 0.952        | 21         | 0.952        | 8              | 0.368            | 1           | 0.000         | 2.273        | 0.568            | 0.040   | 0.023    | 0.977               | 14               |
| M6                | 19         | 0.857        | 20         | 0.905        | 8              | 0.368            | 3           | 0.095         | 2.226        | 0.556            | 0.039   | 0.022    | 0.978               | 13               |
| M7                | 17         | 0.762        | 11         | 0.476        | 12             | 0.579            | 11          | 0.476         | 2.293        | 0.573            | 0.041   | 0.023    | 0.977               | 15               |
| M8                | 13         | 0.571        | 15         | 0.667        | 16             | 0.789            | 2           | 0.048         | 2.075        | 0.519            | 0.037   | 0.019    | 0.981               | 11               |
| M9                | 6          | 0.238        | 12         | 0.524        | 4              | 0.158            | 20          | 0.905         | 1.825        | 0.456            | 0.032   | 0.015    | 0.985               | 7                |
| M10               | 15         | 0.667        | 9          | 0.381        | 17             | 0.842            | 6           | 0.238         | 2.128        | 0.532            | 0.038   | 0.020    | 0.980               | 12               |
| M11               | 3          | 0.095        | 4          | 0.143        | 20             | 1.000            | 17          | 0.762         | 2.000        | 0.500            | 0.035   | 0.018    | 0.982               | 10               |
| M12               | 2          | 0.048        | 2          | 0.048        | 2              | 0.053            | 15          | 0.667         | 0.815        | 0.204            | 0.014   | 0.003    | 0.997               | 1                |
| M13               | 22         | 1.000        | 22         | 1.000        | 20             | 1.000            | 22          | 1.000         | 4.000        | 1.000            | 0.071   | 0.071    | 0.929               | 25               |
| M14               | 22         | 1.000        | 22         | 1.000        | 12             | 0.579            | 22          | 1.000         | 3.579        | 0.895            | 0.063   | 0.057    | 0.943               | 24               |
| M15               | 12         | 0.524        | 7          | 0.286        | 2              | 0.053            | 7           | 0.286         | 1.148        | 0.287            | 0.020   | 0.006    | 0.994               | 3                |
| M16               | 20         | 0.905        | 19         | 0.857        | 1              | 0.000            | 13          | 0.571         | 2.333        | 0.583            | 0.041   | 0.024    | 0.976               | 17               |
| M17               | 14         | 0.619        | 14         | 0.619        | 18             | 0.895            | 5           | 0.190         | 2.323        | 0.581            | 0.041   | 0.024    | 0.976               | 16               |
| M18               | 22         | 1.000        | 22         | 1.000        | 7              | 0.316            | 22          | 1.000         | 3.316        | 0.829            | 0.059   | 0.049    | 0.951               | 22               |
| M19               | 1          | 0.000        | 1          | 0.000        | 8              | 0.368            | 12          | 0.524         | 0.892        | 0.223            | 0.016   | 0.004    | 0.996               | 2                |
| M20               | 16         | 0.714        | 18         | 0.810        | 20             | 1.000            | 16          | 0.714         | 3.238        | 0.810            | 0.057   | 0.046    | 0.954               | 21               |
| M21               | 4          | 0.143        | 3          | 0.095        | 20             | 1.000            | 14          | 0.619         | 1.857        | 0.464            | 0.033   | 0.015    | 0.985               | 8                |
| M22               | 22         | 1.000        | 22         | 1.000        | 8              | 0.368            | 22          | 1.000         | 3.368        | 0.842            | 0.060   | 0.050    | 0.950               | 23               |
| M23               | 8          | 0.333        | 8          | 0.333        | 19             | 0.947            | 9           | 0.381         | 1.995        | 0.499            | 0.035   | 0.018    | 0.982               | 9                |
| M24               | 5          | 0.190        | 5          | 0.190        | 14             | 0.684            | 8           | 0.333         | 1.398        | 0.350            | 0.025   | 0.009    | 0.991               | 5                |
| M25               | 11         | 0.476        | 16         | 0.714        | 20             | 1.000            | 10          | 0.429         | 2.619        | 0.655            | 0.046   | 0.030    | 0.970               | 19               |
| M                 |            |              |            |              |                |                  |             |               | 56.426       |                  |         |          |                     |                  |
| T1                | 4          | 1.000        | 3          | 0.667        | 3              | 1.000            | 3           | 0.667         | 3.333        | 0.833            | 0.392   | 0.327    | 0.673               | 4                |
| T2                | 1          | 0.000        | 1          | 0.000        | 3              | 1.000            | 4           | 1.000         | 2.000        | 0.500            | 0.235   | 0.118    | 0.882               | 3                |
| T3                | 3          | 0.667        | 2          | 0.333        | 2              | 0.500            | 2           | 0.333         | 1.833        | 0.458            | 0.216   | 0.099    | 0.901               | 2                |
| T4                | 2          | 0.333        | 4          | 1.000        | 1              | 0.000            | 1           | 0.000         | 1.333        | 0.333            | 0.157   | 0.052    | 0.948               | 1                |
| T                 |            |              |            |              |                |                  |             |               | 8.500        |                  |         |          |                     |                  |



|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| S1  | 3  | 0.154 | 3  | 0.154 | 3  | 0.143 | 10 | 0.692 | 1.143  | 0.286 | 0.037 | 0.011 | 0.989 | 4  |
| S2  | 10 | 0.692 | 11 | 0.769 | 5  | 0.286 | 3  | 0.154 | 1.901  | 0.475 | 0.062 | 0.029 | 0.971 | 7  |
| S3  | 5  | 0.308 | 7  | 0.462 | 15 | 1.000 | 1  | 0.000 | 1.769  | 0.442 | 0.057 | 0.025 | 0.975 | 6  |
| S4  | 14 | 1.000 | 14 | 1.000 | 6  | 0.357 | 14 | 1.000 | 3.357  | 0.839 | 0.109 | 0.091 | 0.909 | 15 |
| S5  | 14 | 1.000 | 14 | 1.000 | 4  | 0.214 | 14 | 1.000 | 3.214  | 0.804 | 0.104 | 0.084 | 0.916 | 14 |
| S6  | 9  | 0.615 | 6  | 0.385 | 11 | 0.714 | 11 | 0.769 | 2.484  | 0.621 | 0.080 | 0.050 | 0.950 | 10 |
| S7  | 2  | 0.077 | 2  | 0.077 | 9  | 0.571 | 5  | 0.308 | 1.033  | 0.258 | 0.033 | 0.009 | 0.991 | 2  |
| S8  | 13 | 0.923 | 13 | 0.923 | 2  | 0.071 | 12 | 0.846 | 2.764  | 0.691 | 0.090 | 0.062 | 0.938 | 13 |
| S9  | 6  | 0.385 | 8  | 0.538 | 11 | 0.714 | 13 | 0.923 | 2.560  | 0.640 | 0.083 | 0.053 | 0.947 | 12 |
| S10 | 1  | 0.000 | 1  | 0.000 | 10 | 0.643 | 6  | 0.385 | 1.027  | 0.257 | 0.033 | 0.009 | 0.991 | 1  |
| S11 | 7  | 0.462 | 9  | 0.615 | 11 | 0.714 | 9  | 0.615 | 2.407  | 0.602 | 0.078 | 0.047 | 0.953 | 9  |
| S12 | 8  | 0.538 | 10 | 0.692 | 11 | 0.714 | 8  | 0.538 | 2.484  | 0.621 | 0.080 | 0.050 | 0.950 | 10 |
| S13 | 11 | 0.769 | 4  | 0.231 | 1  | 0.000 | 2  | 0.077 | 1.077  | 0.269 | 0.035 | 0.009 | 0.991 | 3  |
| S14 | 4  | 0.231 | 5  | 0.308 | 6  | 0.357 | 7  | 0.462 | 1.357  | 0.339 | 0.044 | 0.015 | 0.985 | 5  |
| S15 | 12 | 0.846 | 12 | 0.846 | 6  | 0.357 | 4  | 0.231 | 2.280  | 0.570 | 0.074 | 0.042 | 0.958 | 8  |
| S   |    |       |    |       |    |       |    |       | 30.857 |       |       |       |       |    |

Table A1.1.2 Prioritization of Sectors for JAMMU AND KASHMIR based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled (Feature Score) | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|----------------------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              |                                  |         |          |                     |                  |
| M1                | 22         | 0.955        | 22         | 0.955        | 5              | 1.000            | 21          | 0.909         | 3.818        | 0.955                            | 0.061   | 0.058    | 0.942               | 22               |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M2  | 16 | 0.682 | 17 | 0.727 | 2  | 0.250 | 1  | 0.000 | 1.659  | 0.415 | 0.026 | 0.011 | 0.989 | 4  |
| M3  | 21 | 0.909 | 21 | 0.909 | 5  | 1.000 | 19 | 0.818 | 3.636  | 0.909 | 0.058 | 0.053 | 0.947 | 21 |
| M4  | 23 | 1.000 | 23 | 1.000 | 5  | 1.000 | 23 | 1.000 | 4.000  | 1.000 | 0.064 | 0.064 | 0.936 | 23 |
| M5  | 19 | 0.818 | 16 | 0.682 | 1  | 0.000 | 4  | 0.136 | 1.636  | 0.409 | 0.026 | 0.011 | 0.989 | 2  |
| M6  | 18 | 0.773 | 19 | 0.818 | 3  | 0.500 | 3  | 0.091 | 2.182  | 0.545 | 0.035 | 0.019 | 0.981 | 11 |
| M7  | 17 | 0.727 | 20 | 0.864 | 5  | 1.000 | 15 | 0.636 | 3.227  | 0.807 | 0.051 | 0.041 | 0.959 | 20 |
| M8  | 20 | 0.864 | 18 | 0.773 | 5  | 1.000 | 2  | 0.045 | 2.682  | 0.670 | 0.043 | 0.029 | 0.971 | 17 |
| M9  | 1  | 0.000 | 2  | 0.045 | 5  | 1.000 | 12 | 0.500 | 1.545  | 0.386 | 0.025 | 0.010 | 0.990 | 1  |
| M10 | 9  | 0.364 | 12 | 0.500 | 3  | 0.500 | 14 | 0.591 | 1.955  | 0.489 | 0.031 | 0.015 | 0.985 | 8  |
| M11 | 2  | 0.045 | 1  | 0.000 | 5  | 1.000 | 17 | 0.727 | 1.773  | 0.443 | 0.028 | 0.013 | 0.987 | 6  |
| M12 | 14 | 0.591 | 9  | 0.364 | 5  | 1.000 | 20 | 0.864 | 2.818  | 0.705 | 0.045 | 0.032 | 0.968 | 19 |
| M13 | 10 | 0.409 | 10 | 0.409 | 5  | 1.000 | 22 | 0.955 | 2.773  | 0.693 | 0.044 | 0.031 | 0.969 | 18 |
| M14 | 8  | 0.318 | 6  | 0.227 | 5  | 1.000 | 13 | 0.545 | 2.091  | 0.523 | 0.033 | 0.017 | 0.983 | 9  |
| M15 | 6  | 0.227 | 7  | 0.273 | 5  | 1.000 | 6  | 0.227 | 1.727  | 0.432 | 0.028 | 0.012 | 0.988 | 5  |
| M16 | 23 | 1.000 | 23 | 1.000 | 5  | 1.000 | 23 | 1.000 | 4.000  | 1.000 | 0.064 | 0.064 | 0.936 | 23 |
| M17 | 12 | 0.500 | 14 | 0.591 | 5  | 1.000 | 5  | 0.182 | 2.273  | 0.568 | 0.036 | 0.021 | 0.979 | 13 |
| M18 | 15 | 0.636 | 5  | 0.182 | 5  | 1.000 | 11 | 0.455 | 2.273  | 0.568 | 0.036 | 0.021 | 0.979 | 13 |
| M19 | 5  | 0.182 | 3  | 0.091 | 5  | 1.000 | 9  | 0.364 | 1.636  | 0.409 | 0.026 | 0.011 | 0.989 | 2  |
| M20 | 4  | 0.136 | 8  | 0.318 | 5  | 1.000 | 18 | 0.773 | 2.227  | 0.557 | 0.035 | 0.020 | 0.980 | 12 |
| M21 | 11 | 0.455 | 4  | 0.136 | 5  | 1.000 | 16 | 0.682 | 2.273  | 0.568 | 0.036 | 0.021 | 0.979 | 13 |
| M22 | 23 | 1.000 | 23 | 1.000 | 5  | 1.000 | 23 | 1.000 | 4.000  | 1.000 | 0.064 | 0.064 | 0.936 | 23 |
| M23 | 7  | 0.273 | 13 | 0.545 | 5  | 1.000 | 7  | 0.273 | 2.091  | 0.523 | 0.033 | 0.017 | 0.983 | 9  |
| M24 | 3  | 0.091 | 11 | 0.455 | 5  | 1.000 | 8  | 0.318 | 1.864  | 0.466 | 0.030 | 0.014 | 0.986 | 7  |
| M25 | 13 | 0.545 | 15 | 0.636 | 5  | 1.000 | 10 | 0.409 | 2.591  | 0.648 | 0.041 | 0.027 | 0.973 | 16 |
| M   |    |       |    |       |    |       |    |       | 62.750 |       |       |       |       |    |
| T1  | 3  | 0.667 | 3  | 0.667 | 1  | 0.000 | 3  | 0.667 | 2.000  | 0.500 | 0.250 | 0.125 | 0.875 | 2  |
| T2  | 1  | 0.000 | 2  | 0.333 | 4  | 1.000 | 4  | 1.000 | 2.333  | 0.583 | 0.292 | 0.170 | 0.830 | 3  |
| T3  | 2  | 0.333 | 1  | 0.000 | 3  | 0.667 | 2  | 0.333 | 1.333  | 0.333 | 0.167 | 0.056 | 0.944 | 1  |
| T4  | 4  | 1.000 | 4  | 1.000 | 2  | 0.333 | 1  | 0.000 | 2.333  | 0.583 | 0.292 | 0.170 | 0.830 | 4  |
| T   |    |       |    |       |    |       |    |       | 8.000  |       |       |       |       |    |
| S1  | 1  | 0.000 | 1  | 0.000 | 5  | 0.444 | 8  | 0.500 | 0.944  | 0.236 | 0.029 | 0.007 | 0.993 | 2  |
| S2  | 10 | 0.643 | 9  | 0.571 | 3  | 0.222 | 3  | 0.143 | 1.579  | 0.395 | 0.049 | 0.019 | 0.981 | 5  |
| S3  | 5  | 0.286 | 5  | 0.286 | 10 | 1.000 | 1  | 0.000 | 1.571  | 0.393 | 0.049 | 0.019 | 0.981 | 4  |
| S4  | 9  | 0.571 | 10 | 0.643 | 10 | 1.000 | 14 | 0.929 | 3.143  | 0.786 | 0.097 | 0.076 | 0.924 | 13 |
| S5  | 15 | 1.000 | 15 | 1.000 | 10 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.123 | 0.123 | 0.877 | 15 |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| S6  | 4  | 0.214 | 3  | 0.143 | 10 | 1.000 | 13 | 0.857 | 2.214  | 0.554 | 0.068 | 0.038 | 0.962 | 9  |
| S7  | 13 | 0.857 | 12 | 0.786 | 7  | 0.667 | 7  | 0.429 | 2.738  | 0.685 | 0.085 | 0.058 | 0.942 | 11 |
| S8  | 14 | 0.929 | 14 | 0.929 | 10 | 1.000 | 5  | 0.286 | 3.143  | 0.786 | 0.097 | 0.076 | 0.924 | 13 |
| S9  | 2  | 0.071 | 6  | 0.357 | 2  | 0.111 | 12 | 0.786 | 1.325  | 0.331 | 0.041 | 0.014 | 0.986 | 3  |
| S10 | 12 | 0.786 | 13 | 0.857 | 10 | 1.000 | 6  | 0.357 | 3.000  | 0.750 | 0.093 | 0.069 | 0.931 | 12 |
| S11 | 6  | 0.357 | 8  | 0.500 | 8  | 0.778 | 11 | 0.714 | 2.349  | 0.587 | 0.073 | 0.043 | 0.957 | 10 |
| S12 | 8  | 0.500 | 7  | 0.429 | 5  | 0.444 | 10 | 0.643 | 2.016  | 0.504 | 0.062 | 0.031 | 0.969 | 8  |
| S13 | 7  | 0.429 | 2  | 0.071 | 1  | 0.000 | 4  | 0.214 | 0.714  | 0.179 | 0.022 | 0.004 | 0.996 | 1  |
| S14 | 3  | 0.143 | 4  | 0.214 | 9  | 0.889 | 9  | 0.571 | 1.817  | 0.454 | 0.056 | 0.025 | 0.975 | 6  |
| S15 | 11 | 0.714 | 11 | 0.714 | 4  | 0.333 | 2  | 0.071 | 1.833  | 0.458 | 0.057 | 0.026 | 0.974 | 7  |
| S   |    |       |    |       |    |       |    |       | 32.389 |       |       |       |       |    |

Table A1.1.3 Prioritization of Sectors for HIMACHAL PRADESH based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 17         | 0.696        | 23         | 0.957        | 5              | 0.400            | 12          | 0.478         | 2.530        | 0.633            | 0.044   | 0.028    | 0.972               | 19               |
| M2                | 3          | 0.087        | 14         | 0.565        | 4              | 0.300            | 3           | 0.087         | 1.039        | 0.260            | 0.018   | 0.005    | 0.995               | 1                |
| M3                | 18         | 0.739        | 6          | 0.217        | 8              | 0.700            | 20          | 0.826         | 2.483        | 0.621            | 0.043   | 0.027    | 0.973               | 17               |
| M4                | 23         | 0.957        | 3          | 0.087        | 1              | 0.000            | 23          | 0.957         | 2.000        | 0.500            | 0.034   | 0.017    | 0.983               | 7                |
| M5                | 2          | 0.043        | 18         | 0.739        | 7              | 0.600            | 2           | 0.043         | 1.426        | 0.357            | 0.025   | 0.009    | 0.991               | 2                |
| M6                | 1          | 0.000        | 21         | 0.870        | 11             | 1.000            | 1           | 0.000         | 1.870        | 0.467            | 0.032   | 0.015    | 0.985               | 4                |
| M7                | 12         | 0.478        | 20         | 0.826        | 11             | 1.000            | 9           | 0.348         | 2.652        | 0.663            | 0.046   | 0.030    | 0.970               | 21               |
| M8                | 8          | 0.304        | 17         | 0.696        | 11             | 1.000            | 7           | 0.261         | 2.261        | 0.565            | 0.039   | 0.022    | 0.978               | 11               |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M9  | 16 | 0.652 | 15 | 0.609 | 8  | 0.700 | 15 | 0.609 | 2.570  | 0.642 | 0.044 | 0.028 | 0.972 | 20 |
| M10 | 10 | 0.391 | 11 | 0.435 | 11 | 1.000 | 11 | 0.435 | 2.261  | 0.565 | 0.039 | 0.022 | 0.978 | 11 |
| M11 | 24 | 1.000 | 24 | 1.000 | 1  | 0.000 | 24 | 1.000 | 3.000  | 0.750 | 0.052 | 0.039 | 0.961 | 22 |
| M12 | 15 | 0.609 | 2  | 0.043 | 11 | 1.000 | 17 | 0.696 | 2.348  | 0.587 | 0.040 | 0.024 | 0.976 | 13 |
| M13 | 24 | 1.000 | 24 | 1.000 | 11 | 1.000 | 24 | 1.000 | 4.000  | 1.000 | 0.069 | 0.069 | 0.931 | 25 |
| M14 | 21 | 0.870 | 4  | 0.130 | 3  | 0.200 | 21 | 0.870 | 2.070  | 0.517 | 0.036 | 0.018 | 0.982 | 8  |
| M15 | 11 | 0.435 | 22 | 0.913 | 8  | 0.700 | 10 | 0.391 | 2.439  | 0.610 | 0.042 | 0.026 | 0.974 | 15 |
| M16 | 19 | 0.783 | 1  | 0.000 | 11 | 1.000 | 18 | 0.739 | 2.522  | 0.630 | 0.043 | 0.027 | 0.973 | 18 |
| M17 | 5  | 0.174 | 12 | 0.478 | 11 | 1.000 | 6  | 0.217 | 1.870  | 0.467 | 0.032 | 0.015 | 0.985 | 4  |
| M18 | 22 | 0.913 | 8  | 0.304 | 11 | 1.000 | 22 | 0.913 | 3.130  | 0.783 | 0.054 | 0.042 | 0.958 | 24 |
| M19 | 20 | 0.826 | 10 | 0.391 | 11 | 1.000 | 19 | 0.783 | 3.000  | 0.750 | 0.052 | 0.039 | 0.961 | 22 |
| M20 | 9  | 0.348 | 7  | 0.261 | 11 | 1.000 | 13 | 0.522 | 2.130  | 0.533 | 0.037 | 0.020 | 0.980 | 10 |
| M21 | 13 | 0.522 | 5  | 0.174 | 11 | 1.000 | 16 | 0.652 | 2.348  | 0.587 | 0.040 | 0.024 | 0.976 | 13 |
| M22 | 14 | 0.565 | 9  | 0.348 | 11 | 1.000 | 14 | 0.565 | 2.478  | 0.620 | 0.043 | 0.026 | 0.974 | 16 |
| M23 | 7  | 0.261 | 13 | 0.522 | 11 | 1.000 | 8  | 0.304 | 2.087  | 0.522 | 0.036 | 0.019 | 0.981 | 9  |
| M24 | 4  | 0.130 | 16 | 0.652 | 11 | 1.000 | 4  | 0.130 | 1.913  | 0.478 | 0.033 | 0.016 | 0.984 | 6  |
| M25 | 6  | 0.217 | 19 | 0.783 | 5  | 0.400 | 5  | 0.174 | 1.574  | 0.393 | 0.027 | 0.011 | 0.989 | 3  |
| M   |    |       |    |       |    |       |    |       | 58.000 |       |       |       |       |    |
| T1  | 3  | 0.667 | 3  | 0.667 | 4  | 1.000 | 2  | 0.333 | 2.667  | 0.667 | 0.348 | 0.232 | 0.768 | 4  |
| T2  | 4  | 1.000 | 2  | 0.333 | 1  | 0.000 | 4  | 1.000 | 2.333  | 0.583 | 0.304 | 0.178 | 0.822 | 3  |
| T3  | 2  | 0.333 | 1  | 0.000 | 2  | 0.333 | 3  | 0.667 | 1.333  | 0.333 | 0.174 | 0.058 | 0.942 | 1  |
| T4  | 1  | 0.000 | 4  | 1.000 | 2  | 0.333 | 1  | 0.000 | 1.333  | 0.333 | 0.174 | 0.058 | 0.942 | 1  |
| T   |    |       |    |       |    |       |    |       | 7.667  |       |       |       |       |    |
| S1  | 12 | 0.846 | 2  | 0.077 | 4  | 0.375 | 12 | 0.846 | 2.144  | 0.536 | 0.063 | 0.034 | 0.966 | 8  |
| S2  | 4  | 0.231 | 11 | 0.769 | 9  | 1.000 | 3  | 0.154 | 2.154  | 0.538 | 0.063 | 0.034 | 0.966 | 9  |
| S3  | 3  | 0.154 | 12 | 0.846 | 9  | 1.000 | 2  | 0.077 | 2.077  | 0.519 | 0.061 | 0.032 | 0.968 | 7  |
| S4  | 14 | 1.000 | 14 | 1.000 | 9  | 1.000 | 14 | 1.000 | 4.000  | 1.000 | 0.118 | 0.118 | 0.882 | 14 |
| S5  | 14 | 1.000 | 14 | 1.000 | 9  | 1.000 | 14 | 1.000 | 4.000  | 1.000 | 0.118 | 0.118 | 0.882 | 14 |
| S6  | 10 | 0.692 | 9  | 0.615 | 9  | 1.000 | 10 | 0.692 | 3.000  | 0.750 | 0.088 | 0.066 | 0.934 | 12 |
| S7  | 8  | 0.538 | 5  | 0.308 | 1  | 0.000 | 9  | 0.615 | 1.462  | 0.365 | 0.043 | 0.016 | 0.984 | 2  |
| S8  | 13 | 0.923 | 3  | 0.154 | 9  | 1.000 | 13 | 0.923 | 3.000  | 0.750 | 0.088 | 0.066 | 0.934 | 12 |
| S9  | 11 | 0.769 | 7  | 0.462 | 4  | 0.375 | 11 | 0.769 | 2.375  | 0.594 | 0.070 | 0.041 | 0.959 | 10 |
| S10 | 9  | 0.615 | 6  | 0.385 | 9  | 1.000 | 8  | 0.538 | 2.538  | 0.635 | 0.075 | 0.047 | 0.953 | 11 |
| S11 | 6  | 0.385 | 4  | 0.231 | 6  | 0.625 | 6  | 0.385 | 1.625  | 0.406 | 0.048 | 0.019 | 0.981 | 5  |
| S12 | 7  | 0.462 | 8  | 0.538 | 2  | 0.125 | 7  | 0.462 | 1.587  | 0.397 | 0.047 | 0.019 | 0.981 | 4  |

|     |   |       |    |       |   |       |   |       |        |       |       |       |       |   |
|-----|---|-------|----|-------|---|-------|---|-------|--------|-------|-------|-------|-------|---|
| S13 | 2 | 0.077 | 1  | 0.000 | 3 | 0.250 | 5 | 0.308 | 0.635  | 0.159 | 0.019 | 0.003 | 0.997 | 1 |
| S14 | 5 | 0.308 | 10 | 0.692 | 6 | 0.625 | 4 | 0.231 | 1.856  | 0.464 | 0.055 | 0.025 | 0.975 | 6 |
| S15 | 1 | 0.000 | 13 | 0.923 | 6 | 0.625 | 1 | 0.000 | 1.548  | 0.387 | 0.046 | 0.018 | 0.982 | 3 |
| S   |   |       |    |       |   |       |   |       | 34.000 |       |       |       |       |   |

Table A1.1.4 Prioritization of Sectors for PUNJAB based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 14         | 0.765        | 11         | 0.588        | 15             | 1.000            | 10          | 0.529         | 2.882        | 0.721            | 0.045   | 0.032    | 0.968               | 16               |
| M2                | 9          | 0.471        | 8          | 0.412        | 12             | 0.786            | 9           | 0.471         | 2.139        | 0.535            | 0.033   | 0.018    | 0.982               | 10               |
| M3                | 18         | 1.000        | 18         | 1.000        | 15             | 1.000            | 18          | 1.000         | 4.000        | 1.000            | 0.062   | 0.062    | 0.938               | 21               |
| M4                | 18         | 1.000        | 18         | 1.000        | 5              | 0.286            | 18          | 1.000         | 3.286        | 0.821            | 0.051   | 0.042    | 0.958               | 18               |
| M5                | 11         | 0.588        | 12         | 0.647        | 8              | 0.500            | 7           | 0.353         | 2.088        | 0.522            | 0.032   | 0.017    | 0.983               | 9                |
| M6                | 13         | 0.706        | 14         | 0.765        | 8              | 0.500            | 1           | 0.000         | 1.971        | 0.493            | 0.031   | 0.015    | 0.985               | 8                |
| M7                | 16         | 0.882        | 15         | 0.824        | 8              | 0.500            | 5           | 0.235         | 2.441        | 0.610            | 0.038   | 0.023    | 0.977               | 14               |
| M8                | 12         | 0.647        | 13         | 0.706        | 8              | 0.500            | 12          | 0.647         | 2.500        | 0.625            | 0.039   | 0.024    | 0.976               | 15               |
| M9                | 15         | 0.824        | 16         | 0.882        | 1              | 0.000            | 4           | 0.176         | 1.882        | 0.471            | 0.029   | 0.014    | 0.986               | 7                |
| M10               | 8          | 0.412        | 3          | 0.118        | 5              | 0.286            | 3           | 0.118         | 0.933        | 0.233            | 0.014   | 0.003    | 0.997               | 1                |
| M11               | 18         | 1.000        | 18         | 1.000        | 15             | 1.000            | 18          | 1.000         | 4.000        | 1.000            | 0.062   | 0.062    | 0.938               | 21               |
| M12               | 10         | 0.529        | 6          | 0.294        | 2              | 0.071            | 14          | 0.765         | 1.660        | 0.415            | 0.026   | 0.011    | 0.989               | 6                |
| M13               | 17         | 0.941        | 17         | 0.941        | 15             | 1.000            | 15          | 0.824         | 3.706        | 0.926            | 0.057   | 0.053    | 0.947               | 19               |
| M14               | 3          | 0.118        | 4          | 0.176        | 2              | 0.071            | 17          | 0.941         | 1.307        | 0.327            | 0.020   | 0.007    | 0.993               | 3                |

|     |    |       |       |       |       |        |    |       |        |       |       |        |       |    |
|-----|----|-------|-------|-------|-------|--------|----|-------|--------|-------|-------|--------|-------|----|
| M15 | 1  | 0.000 | 1     | 0.000 | 5     | 0.286  | 16 | 0.882 | 1.168  | 0.292 | 0.018 | 0.005  | 0.995 | 2  |
| M16 | 18 | 1.000 | 18    | 1.000 | 12    | 0.786  | 18 | 1.000 | 3.786  | 0.946 | 0.059 | 0.055  | 0.945 | 20 |
| M17 | 5  | 0.235 | 10    | 0.529 | 15    | 1.000  | 8  | 0.412 | 2.176  | 0.544 | 0.034 | 0.018  | 0.982 | 11 |
| M18 | 6  | 0.294 | 2     | 0.059 | 15    | 1.000  | 6  | 0.294 | 1.647  | 0.412 | 0.026 | 0.011  | 0.989 | 5  |
| M19 | 18 | 1.000 | 18    | 1.000 | 15    | 1.000  | 18 | 1.000 | 4.000  | 1.000 | 0.062 | 0.062  | 0.938 | 21 |
| M20 | 18 | 1.000 | 18    | 1.000 | 15    | 1.000  | 18 | 1.000 | 4.000  | 1.000 | 0.062 | 0.062  | 0.938 | 21 |
| M21 | 18 | 1.000 | 18    | 1.000 | 15    | 1.000  | 18 | 1.000 | 4.000  | 1.000 | 0.062 | 0.062  | 0.938 | 21 |
| M22 | 18 | 1.000 | 18    | 1.000 | 4     | 0.214  | 18 | 1.000 | 3.214  | 0.804 | 0.050 | 0.040  | 0.960 | 17 |
| M23 | 4  | 0.176 | 9     | 0.471 | 15    | 1.000  | 11 | 0.588 | 2.235  | 0.559 | 0.035 | 0.019  | 0.981 | 13 |
| M24 | 7  | 0.353 | 7     | 0.353 | 12    | 0.786  | 13 | 0.706 | 2.197  | 0.549 | 0.034 | 0.019  | 0.981 | 12 |
| M25 | 2  | 0.059 | 5     | 0.235 | 15    | 1.000  | 2  | 0.059 | 1.353  | 0.338 | 0.021 | 0.007  | 0.993 | 4  |
| M   |    |       |       |       |       |        |    |       | 64.571 |       |       |        |       |    |
| T1  | 2  | 0.333 | 2     | 0.333 | 2     | 1.000  | 3  | 0.667 | 2.333  | 0.583 | 0.259 | 0.151  | 0.849 | 3  |
| T2  | 4  | 1.000 | 4     | 1.000 | 2     | 1.000  | 4  | 1.000 | 4.000  | 1.000 | 0.444 | 0.444  | 0.556 | 4  |
| T3  | 1  | 0.000 | 1     | 0.000 | 2     | 1.000  | 2  | 0.333 | 1.333  | 0.333 | 0.148 | 0.049  | 0.951 | 1  |
| T4  | 3  | 0.667 | 3     | 0.667 | 1     | 0.000  | 1  | 0.000 | 1.333  | 0.333 | 0.148 | 0.049  | 0.951 | 1  |
| T   |    |       |       |       |       |        |    |       | 9.000  |       |       |        |       |    |
| S1  | 13 | 1.000 | 13    | 1.000 | 1     | 0.333  | 13 | 1.000 | 3.333  | 0.833 | 0.115 | 0.096  | 0.904 | 7  |
| S2  | 12 | 0.917 | 8     | 0.583 | 3     | 1.000  | 1  | 0.000 | 2.500  | 0.625 | 0.086 | 0.054  | 0.946 | 5  |
| S3  | 9  | 0.667 | 12    | 0.917 | 8     | 2.667  | 2  | 0.083 | 4.333  | 1.083 | 0.149 | 0.162  | 0.838 | 12 |
| S4  | 13 | 1.000 | 13    | 1.000 | 8     | 2.667  | 13 | 1.000 | 5.667  | 1.417 | 0.195 | 0.277  | 0.723 | 14 |
| S5  | 13 | 1.000 | 13    | 1.000 | 8     | 2.667  | 13 | 1.000 | 5.667  | 1.417 | 0.195 | 0.277  | 0.723 | 14 |
| S6  | 10 | 0.750 | 11    | 0.833 | 8     | 2.667  | 7  | 0.500 | 4.750  | 1.188 | 0.164 | 0.195  | 0.805 | 13 |
| S7  | 5  | 0.333 | 2     | 0.083 | 3     | 1.000  | 10 | 0.750 | 2.167  | 0.542 | 0.075 | 0.040  | 0.960 | 3  |
| S8  | 1  | 0.000 | 1     | 0.000 | 8     | 2.667  | 11 | 0.833 | 3.500  | 0.875 | 0.121 | 0.106  | 0.894 | 9  |
| S9  | 2  | 0.083 | 3     | 0.167 | 8     | 2.667  | 9  | 0.667 | 3.583  | 0.896 | 0.124 | 0.111  | 0.889 | 10 |
| S10 | 4  | 0.250 | 5     | 0.333 | 3     | 1.000  | 12 | 0.917 | 2.500  | 0.625 | 0.086 | 0.054  | 0.946 | 5  |
| S11 | 3  | 0.167 | 4     | 0.250 | 8     | 2.667  | 5  | 0.333 | 3.417  | 0.854 | 0.118 | 0.101  | 0.899 | 8  |
| S12 | 7  | 0.500 | 7     | 0.500 | 8     | 2.667  | 8  | 0.583 | 4.250  | 1.063 | 0.147 | 0.156  | 0.844 | 11 |
| S13 | 8  | 0.583 | 9     | 0.667 | 2     | 0.667  | 6  | 0.417 | 2.333  | 0.583 | 0.080 | 0.047  | 0.953 | 4  |
| S14 | 6  | 0.417 | 0.250 | 3     | 1.000 | 1.667  | 4  | 0.250 | 5.333  | 1.333 | 7.111 | -6.111 | 14    | 2  |
| S15 | 11 | 0.833 | 0.167 | 3     | 1.000 | 2.000  | 3  | 0.167 | 6.000  | 1.500 | 9.000 | -8.000 | 15    | 1  |
| S   |    |       |       |       |       | 29.000 |    |       | 59.333 |       |       |        |       |    |

Table A1.1.5 Prioritization of Sectors for CHANDIGARH based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 21         | 1.000        | 21         | 1.000        | 13             | 1.000            | 15          | 1.000         | 4.000        | 1.000            | 0.062   | 0.062    | 0.938               | 23               |
| M2                | 10         | 0.450        | 11         | 0.500        | 7              | 0.500            | 1           | 0.000         | 1.450        | 0.363            | 0.023   | 0.008    | 0.992               | 4                |
| M3                | 19         | 0.900        | 16         | 0.750        | 13             | 1.000            | 7           | 0.429         | 3.079        | 0.770            | 0.048   | 0.037    | 0.963               | 17               |
| M4                | 18         | 0.850        | 20         | 0.950        | 1              | 0.000            | 14          | 0.929         | 2.729        | 0.682            | 0.043   | 0.029    | 0.971               | 16               |
| M5                | 17         | 0.800        | 17         | 0.800        | 3              | 0.167            | 6           | 0.357         | 2.124        | 0.531            | 0.033   | 0.018    | 0.982               | 10               |
| M6                | 13         | 0.600        | 14         | 0.650        | 6              | 0.417            | 3           | 0.143         | 1.810        | 0.452            | 0.028   | 0.013    | 0.987               | 7                |
| M7                | 4          | 0.150        | 9          | 0.400        | 8              | 0.583            | 15          | 1.000         | 2.133        | 0.533            | 0.033   | 0.018    | 0.982               | 11               |
| M8                | 9          | 0.400        | 10         | 0.450        | 3              | 0.167            | 5           | 0.286         | 1.302        | 0.326            | 0.020   | 0.007    | 0.993               | 2                |
| M9                | 15         | 0.700        | 13         | 0.600        | 5              | 0.333            | 15          | 1.000         | 2.633        | 0.658            | 0.041   | 0.027    | 0.973               | 15               |
| M10               | 7          | 0.300        | 6          | 0.250        | 8              | 0.583            | 15          | 1.000         | 2.133        | 0.533            | 0.033   | 0.018    | 0.982               | 11               |
| M11               | 20         | 0.950        | 19         | 0.900        | 13             | 1.000            | 15          | 1.000         | 3.850        | 0.963            | 0.060   | 0.058    | 0.942               | 22               |
| M12               | 21         | 1.000        | 21         | 1.000        | 13             | 1.000            | 10          | 0.643         | 3.643        | 0.911            | 0.057   | 0.052    | 0.948               | 20               |
| M13               | 21         | 1.000        | 21         | 1.000        | 13             | 1.000            | 15          | 1.000         | 4.000        | 1.000            | 0.062   | 0.062    | 0.938               | 23               |
| M14               | 1          | 0.000        | 2          | 0.050        | 8              | 0.583            | 8           | 0.500         | 1.133        | 0.283            | 0.018   | 0.005    | 0.995               | 1                |
| M15               | 11         | 0.500        | 3          | 0.100        | 2              | 0.083            | 13          | 0.857         | 1.540        | 0.385            | 0.024   | 0.009    | 0.991               | 5                |
| M16               | 21         | 1.000        | 21         | 1.000        | 13             | 1.000            | 12          | 0.786         | 3.786        | 0.946            | 0.059   | 0.056    | 0.944               | 21               |
| M17               | 14         | 0.650        | 15         | 0.700        | 13             | 1.000            | 4           | 0.214         | 2.564        | 0.641            | 0.040   | 0.026    | 0.974               | 14               |
| M18               | 8          | 0.350        | 5          | 0.200        | 13             | 1.000            | 15          | 1.000         | 2.550        | 0.638            | 0.040   | 0.025    | 0.975               | 13               |
| M19               | 12         | 0.550        | 12         | 0.550        | 13             | 1.000            | 15          | 1.000         | 3.100        | 0.775            | 0.048   | 0.037    | 0.963               | 18               |
| M20               | 16         | 0.750        | 18         | 0.850        | 13             | 1.000            | 15          | 1.000         | 3.600        | 0.900            | 0.056   | 0.051    | 0.949               | 19               |
| M21               | 3          | 0.100        | 1          | 0.000        | 13             | 1.000            | 15          | 1.000         | 2.100        | 0.525            | 0.033   | 0.017    | 0.983               | 9                |
| M22               | 21         | 1.000        | 21         | 1.000        | 13             | 1.000            | 15          | 1.000         | 4.000        | 1.000            | 0.062   | 0.062    | 0.938               | 23               |
| M23               | 6          | 0.250        | 7          | 0.300        | 13             | 1.000            | 2           | 0.071         | 1.621        | 0.405            | 0.025   | 0.010    | 0.990               | 6                |
| M24               | 5          | 0.200        | 8          | 0.350        | 8              | 0.583            | 11          | 0.714         | 1.848        | 0.462            | 0.029   | 0.013    | 0.987               | 8                |
| M25               | 2          | 0.050        | 4          | 0.150        | 8              | 0.583            | 9           | 0.571         | 1.355        | 0.339            | 0.021   | 0.007    | 0.993               | 3                |
| M                 |            |              |            |              |                |                  |             |               | 64.083       |                  |         |          |                     |                  |
| T1                | 3          | 0.667        | 3          | 0.667        | 3              | 1.000            | 2           | 0.333         | 2.667        | 0.667            | 0.314   | 0.209    | 0.791               | 3                |
| T2                | 2          | 0.333        | 2          | 0.333        | 3              | 1.000            | 4           | 1.000         | 2.667        | 0.667            | 0.314   | 0.209    | 0.791               | 3                |
| T3                | 1          | 0.000        | 1          | 0.000        | 2              | 0.500            | 3           | 0.667         | 1.167        | 0.292            | 0.137   | 0.040    | 0.960               | 1                |
| T4                | 4          | 1.000        | 4          | 1.000        | 1              | 0.000            | 1           | 0.000         | 2.000        | 0.500            | 0.235   | 0.118    | 0.882               | 2                |
| T                 |            |              |            |              |                |                  |             |               | 8.500        |                  |         |          |                     |                  |
| S1                | 3          | 0.154        | 3          | 0.154        | 2              | 0.167            | 7           | 0.667         | 1.141        | 0.285            | 0.031   | 0.009    | 0.991               | 2                |

|     |    |       |    |       |   |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|---|-------|----|-------|--------|-------|-------|-------|-------|----|
| S2  | 12 | 0.846 | 11 | 0.769 | 3 | 0.333 | 4  | 0.333 | 2.282  | 0.571 | 0.061 | 0.035 | 0.965 | 6  |
| S3  | 8  | 0.538 | 9  | 0.615 | 7 | 1.000 | 2  | 0.111 | 2.265  | 0.566 | 0.061 | 0.034 | 0.966 | 5  |
| S4  | 14 | 1.000 | 14 | 1.000 | 7 | 1.000 | 10 | 1.000 | 4.000  | 1.000 | 0.107 | 0.107 | 0.893 | 14 |
| S5  | 14 | 1.000 | 14 | 1.000 | 7 | 1.000 | 10 | 1.000 | 4.000  | 1.000 | 0.107 | 0.107 | 0.893 | 14 |
| S6  | 5  | 0.308 | 5  | 0.308 | 7 | 1.000 | 10 | 1.000 | 2.615  | 0.654 | 0.070 | 0.046 | 0.954 | 9  |
| S7  | 9  | 0.615 | 8  | 0.538 | 7 | 1.000 | 5  | 0.444 | 2.598  | 0.650 | 0.070 | 0.045 | 0.955 | 8  |
| S8  | 11 | 0.769 | 2  | 0.077 | 7 | 1.000 | 10 | 1.000 | 2.846  | 0.712 | 0.076 | 0.054 | 0.946 | 10 |
| S9  | 4  | 0.231 | 10 | 0.692 | 7 | 1.000 | 10 | 1.000 | 2.923  | 0.731 | 0.078 | 0.057 | 0.943 | 12 |
| S10 | 10 | 0.692 | 12 | 0.846 | 7 | 1.000 | 10 | 1.000 | 3.538  | 0.885 | 0.095 | 0.084 | 0.916 | 13 |
| S11 | 1  | 0.000 | 4  | 0.231 | 7 | 1.000 | 9  | 0.889 | 2.120  | 0.530 | 0.057 | 0.030 | 0.970 | 4  |
| S12 | 7  | 0.462 | 6  | 0.385 | 5 | 0.667 | 8  | 0.778 | 2.291  | 0.573 | 0.061 | 0.035 | 0.965 | 7  |
| S13 | 2  | 0.077 | 1  | 0.000 | 1 | 0.000 | 3  | 0.222 | 0.299  | 0.075 | 0.008 | 0.001 | 0.999 | 1  |
| S14 | 6  | 0.385 | 7  | 0.462 | 5 | 0.667 | 1  | 0.000 | 1.513  | 0.378 | 0.041 | 0.015 | 0.985 | 3  |
| S15 | 13 | 0.923 | 13 | 0.923 | 4 | 0.500 | 6  | 0.556 | 2.902  | 0.725 | 0.078 | 0.056 | 0.944 | 11 |
| S   |    |       |    |       |   |       |    |       | 37.333 |       |       |       |       |    |

Table A1.1.6 Prioritization of Sectors for UTTARAKHAND based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled (Feature Score) | Weights | Priority | Normalized Priority | Overall Priority Rank |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|----------------------------------|---------|----------|---------------------|-----------------------|
|                   |            |              |            |              |                |                  |             |               |              |                                  |         |          |                     |                       |
| M1                | 24         | 1.000        | 24         | 1.000        | 1              | 0.000            | 24          | 1.000         | 3.000        | 0.750                            | 0.054   | 0.041    | 0.959               | 21                    |
| M2                | 14         | 0.565        | 17         | 0.696        | 8              | 0.538            | 3           | 0.087         | 1.886        | 0.472                            | 0.034   | 0.016    | 0.984               | 8                     |
| M3                | 3          | 0.087        | 6          | 0.217        | 3              | 0.154            | 15          | 0.609         | 1.067        | 0.267                            | 0.019   | 0.005    | 0.995               | 3                     |



|     |        |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|--------|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M4  | 24     | 1.000 | 24 | 1.000 | 14 | 1.000 | 24 | 1.000 | 4.000  | 1.000 | 0.072 | 0.072 | 0.928 | 25 |
| M5  | 21     | 0.870 | 21 | 0.870 | 3  | 0.154 | 7  | 0.261 | 2.154  | 0.538 | 0.039 | 0.021 | 0.979 | 13 |
| M6  | 18     | 0.739 | 22 | 0.913 | 3  | 0.154 | 1  | 0.000 | 1.806  | 0.452 | 0.033 | 0.015 | 0.985 | 7  |
| M7  | 22     | 0.913 | 19 | 0.783 | 2  | 0.077 | 13 | 0.522 | 2.294  | 0.574 | 0.041 | 0.024 | 0.976 | 16 |
| M8  | 6      | 0.217 | 11 | 0.435 | 6  | 0.385 | 5  | 0.174 | 1.211  | 0.303 | 0.022 | 0.007 | 0.993 | 4  |
| M9  | 17     | 0.696 | 9  | 0.348 | 8  | 0.538 | 17 | 0.696 | 2.278  | 0.569 | 0.041 | 0.023 | 0.977 | 15 |
| M10 | 12     | 0.478 | 13 | 0.522 | 8  | 0.538 | 12 | 0.478 | 2.017  | 0.504 | 0.036 | 0.018 | 0.982 | 11 |
| M11 | 23     | 0.957 | 23 | 0.957 | 14 | 1.000 | 23 | 0.957 | 3.870  | 0.967 | 0.070 | 0.067 | 0.933 | 24 |
| M12 | 9      | 0.348 | 8  | 0.304 | 14 | 1.000 | 20 | 0.826 | 2.478  | 0.620 | 0.045 | 0.028 | 0.972 | 18 |
| M13 | 13     | 0.522 | 3  | 0.087 | 14 | 1.000 | 22 | 0.913 | 2.522  | 0.630 | 0.045 | 0.029 | 0.971 | 19 |
| M14 | 4      | 0.130 | 5  | 0.174 | 8  | 0.538 | 14 | 0.565 | 1.408  | 0.352 | 0.025 | 0.009 | 0.991 | 5  |
| M15 | 20     | 0.826 | 4  | 0.130 | 14 | 1.000 | 2  | 0.043 | 2.000  | 0.500 | 0.036 | 0.018 | 0.982 | 9  |
| M16 | 16     | 0.652 | 14 | 0.565 | 14 | 1.000 | 18 | 0.739 | 2.957  | 0.739 | 0.053 | 0.039 | 0.961 | 20 |
| M17 | 5      | 0.174 | 7  | 0.261 | 6  | 0.385 | 4  | 0.130 | 0.950  | 0.237 | 0.017 | 0.004 | 0.996 | 1  |
| M18 | 19     | 0.783 | 15 | 0.609 | 14 | 1.000 | 19 | 0.783 | 3.174  | 0.793 | 0.057 | 0.045 | 0.955 | 22 |
| M19 | 7      | 0.261 | 12 | 0.478 | 14 | 1.000 | 16 | 0.652 | 2.391  | 0.598 | 0.043 | 0.026 | 0.974 | 17 |
| M20 | 1      | 0.000 | 2  | 0.043 | 14 | 1.000 | 10 | 0.391 | 1.435  | 0.359 | 0.026 | 0.009 | 0.991 | 6  |
| M21 | 2      | 0.043 | 1  | 0.000 | 8  | 0.538 | 11 | 0.435 | 1.017  | 0.254 | 0.018 | 0.005 | 0.995 | 2  |
| M22 | 15     | 0.609 | 18 | 0.739 | 14 | 1.000 | 21 | 0.870 | 3.217  | 0.804 | 0.058 | 0.047 | 0.953 | 23 |
| M23 | 8      | 0.304 | 10 | 0.391 | 14 | 1.000 | 8  | 0.304 | 2.000  | 0.500 | 0.036 | 0.018 | 0.982 | 9  |
| M24 | 11     | 0.435 | 20 | 0.826 | 8  | 0.538 | 9  | 0.348 | 2.147  | 0.537 | 0.039 | 0.021 | 0.979 | 12 |
| M25 | 10     | 0.391 | 16 | 0.652 | 14 | 1.000 | 6  | 0.217 | 2.261  | 0.565 | 0.041 | 0.023 | 0.977 | 14 |
| M   |        |       |    |       |    |       |    |       | 55.538 |       |       |       |       |    |
| T1  | 3.000  | 0.667 | 3  | 0.667 | 3  | 1.000 | 2  | 0.333 | 2.667  | 0.667 | 0.333 | 0.222 | 0.778 | 3  |
| T2  | 2.000  | 0.333 | 2  | 0.333 | 3  | 1.000 | 4  | 1.000 | 2.667  | 0.667 | 0.333 | 0.222 | 0.778 | 3  |
| T3  | 1.000  | 0.000 | 1  | 0.000 | 1  | 0.000 | 3  | 0.667 | 0.667  | 0.167 | 0.083 | 0.014 | 0.986 | 1  |
| T4  | 4.000  | 1.000 | 4  | 1.000 | 1  | 0.000 | 1  | 0.000 | 2.000  | 0.500 | 0.250 | 0.125 | 0.875 | 2  |
| T   |        |       |    |       |    |       |    |       | 8.000  |       |       |       |       |    |
| S1  | 10.000 | 0.692 | 2  | 0.077 | 6  | 0.455 | 13 | 0.923 | 2.147  | 0.537 | 0.066 | 0.036 | 0.964 | 9  |
| S2  | 9.000  | 0.615 | 10 | 0.692 | 10 | 0.818 | 4  | 0.231 | 2.357  | 0.589 | 0.073 | 0.043 | 0.957 | 11 |
| S3  | 6.000  | 0.385 | 12 | 0.846 | 12 | 1.000 | 3  | 0.154 | 2.385  | 0.596 | 0.073 | 0.044 | 0.956 | 12 |
| S4  | 14.000 | 1.000 | 14 | 1.000 | 12 | 1.000 | 14 | 1.000 | 4.000  | 1.000 | 0.123 | 0.123 | 0.877 | 14 |
| S5  | 14.000 | 1.000 | 14 | 1.000 | 12 | 1.000 | 14 | 1.000 | 4.000  | 1.000 | 0.123 | 0.123 | 0.877 | 14 |
| S6  | 7.000  | 0.462 | 11 | 0.769 | 2  | 0.091 | 10 | 0.692 | 2.014  | 0.503 | 0.062 | 0.031 | 0.969 | 7  |
| S7  | 8.000  | 0.538 | 9  | 0.615 | 10 | 0.818 | 12 | 0.846 | 2.818  | 0.705 | 0.087 | 0.061 | 0.939 | 13 |

|     |        |       |    |       |    |       |    |       |        |       |       |       |       |   |
|-----|--------|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|---|
| S8  | 3.000  | 0.154 | 4  | 0.231 | 9  | 0.727 | 11 | 0.769 | 1.881  | 0.470 | 0.058 | 0.027 | 0.973 | 6 |
| S9  | 1.000  | 0.000 | 1  | 0.000 | 6  | 0.455 | 9  | 0.615 | 1.070  | 0.267 | 0.033 | 0.009 | 0.991 | 1 |
| S10 | 2.000  | 0.077 | 3  | 0.154 | 12 | 1.000 | 8  | 0.538 | 1.769  | 0.442 | 0.055 | 0.024 | 0.976 | 5 |
| S11 | 4.000  | 0.231 | 7  | 0.462 | 4  | 0.273 | 7  | 0.462 | 1.427  | 0.357 | 0.044 | 0.016 | 0.984 | 4 |
| S12 | 11.000 | 0.769 | 8  | 0.538 | 6  | 0.455 | 6  | 0.385 | 2.147  | 0.537 | 0.066 | 0.036 | 0.964 | 9 |
| S13 | 12.000 | 0.846 | 5  | 0.308 | 1  | 0.000 | 2  | 0.077 | 1.231  | 0.308 | 0.038 | 0.012 | 0.988 | 3 |
| S14 | 5.000  | 0.308 | 6  | 0.385 | 2  | 0.091 | 5  | 0.308 | 1.091  | 0.273 | 0.034 | 0.009 | 0.991 | 2 |
| S15 | 13.000 | 0.923 | 13 | 0.923 | 4  | 0.273 | 1  | 0.000 | 2.119  | 0.530 | 0.065 | 0.035 | 0.965 | 8 |
| S   |        |       |    |       |    |       |    |       | 32.455 |       |       |       |       |   |

Table A1.1.7 Prioritization of Sectors for HARYANA based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW-Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 23         | 0.957        | 23         | 0.957        | 9              | 1.000            | 23          | 0.957         | 3.870        | 0.967            | 0.066   | 0.063    | 0.937               | 2                |
| M2                | 10         | 0.391        | 13         | 0.522        | 3              | 0.250            | 3           | 0.087         | 1.250        | 0.313            | 0.021   | 0.007    | 0.993               |                  |
| M3                | 21         | 0.870        | 18         | 0.739        | 6              | 0.625            | 21          | 0.870         | 3.103        | 0.776            | 0.053   | 0.041    | 0.959               | 2                |
| M4                | 3          | 0.087        | 9          | 0.348        | 9              | 1.000            | 22          | 0.913         | 2.348        | 0.587            | 0.040   | 0.023    | 0.977               | 1                |
| M5                | 19         | 0.783        | 16         | 0.652        | 1              | 0.000            | 2           | 0.043         | 1.478        | 0.370            | 0.025   | 0.009    | 0.991               |                  |
| M6                | 20         | 0.826        | 15         | 0.609        | 2              | 0.125            | 1           | 0.000         | 1.560        | 0.390            | 0.026   | 0.010    | 0.990               |                  |
| M7                | 22         | 0.913        | 17         | 0.696        | 9              | 1.000            | 10          | 0.391         | 3.000        | 0.750            | 0.051   | 0.038    | 0.962               | 2                |
| M8                | 15         | 0.609        | 22         | 0.913        | 6              | 0.625            | 14          | 0.565         | 2.712        | 0.678            | 0.046   | 0.031    | 0.969               | 1                |
| M9                | 9          | 0.348        | 4          | 0.130        | 9              | 1.000            | 12          | 0.478         | 1.957        | 0.489            | 0.033   | 0.016    | 0.984               |                  |
| M10               | 7          | 0.261        | 8          | 0.304        | 3              | 0.250            | 13          | 0.522         | 1.337        | 0.334            | 0.023   | 0.008    | 0.992               |                  |
| M11               | 24         | 1.000        | 24         | 1.000        | 9              | 1.000            | 24          | 1.000         | 4.000        | 1.000            | 0.068   | 0.068    | 0.932               | 2                |
| M12               | 6          | 0.217        | 1          | 0.000        | 9              | 1.000            | 20          | 0.826         | 2.043        | 0.511            | 0.035   | 0.018    | 0.982               | 1                |
| M13               | 24         | 1.000        | 24         | 1.000        | 9              | 1.000            | 24          | 1.000         | 4.000        | 1.000            | 0.068   | 0.068    | 0.932               | 2                |
| M14               | 1          | 0.000        | 5          | 0.174        | 9              | 1.000            | 6           | 0.217         | 1.391        | 0.348            | 0.024   | 0.008    | 0.992               |                  |
| M15               | 16         | 0.652        | 19         | 0.783        | 6              | 0.625            | 18          | 0.739         | 2.799        | 0.700            | 0.047   | 0.033    | 0.967               | 1                |
| M16               | 2          | 0.043        | 12         | 0.478        | 9              | 1.000            | 16          | 0.652         | 2.174        | 0.543            | 0.037   | 0.020    | 0.980               | 1                |
| M17               | 11         | 0.435        | 14         | 0.565        | 9              | 1.000            | 4           | 0.130         | 2.130        | 0.533            | 0.036   | 0.019    | 0.981               | 1                |
| M18               | 5          | 0.174        | 3          | 0.087        | 9              | 1.000            | 17          | 0.696         | 1.957        | 0.489            | 0.033   | 0.016    | 0.984               |                  |
| M19               | 18         | 0.739        | 7          | 0.261        | 9              | 1.000            | 8           | 0.304         | 2.304        | 0.576            | 0.039   | 0.023    | 0.977               | 1                |
| M20               | 8          | 0.304        | 6          | 0.217        | 9              | 1.000            | 5           | 0.174         | 1.696        | 0.424            | 0.029   | 0.012    | 0.988               |                  |
| M21               | 13         | 0.522        | 10         | 0.391        | 9              | 1.000            | 15          | 0.609         | 2.522        | 0.630            | 0.043   | 0.027    | 0.973               | 1                |
| M22               | 14         | 0.565        | 2          | 0.043        | 9              | 1.000            | 19          | 0.783         | 2.391        | 0.598            | 0.041   | 0.024    | 0.976               | 1                |
| M23               | 17         | 0.696        | 20         | 0.826        | 9              | 1.000            | 11          | 0.435         | 2.957        | 0.739            | 0.050   | 0.037    | 0.963               | 2                |
| M24               | 4          | 0.130        | 11         | 0.435        | 9              | 1.000            | 7           | 0.261         | 1.826        | 0.457            | 0.031   | 0.014    | 0.986               |                  |
| M25               | 12         | 0.478        | 21         | 0.870        | 5              | 0.500            | 9           | 0.348         | 2.196        | 0.549            | 0.037   | 0.020    | 0.980               | 1                |
| M                 |            |              |            |              |                |                  |             |               | 59.000       |                  |         |          |                     |                  |
| T1                | 4          | 1.000        | 3          | 0.667        | 3              | 1.000            | 3           | 0.667         | 3.333        | 0.833            | 0.392   | 0.327    | 0.673               |                  |
| T2                | 1          | 0.000        | 1          | 0.000        | 3              | 1.000            | 4           | 1.000         | 2.000        | 0.500            | 0.235   | 0.118    | 0.882               |                  |
| T3                | 2          | 0.333        | 2          | 0.333        | 2              | 0.500            | 2           | 0.333         | 1.500        | 0.375            | 0.176   | 0.066    | 0.934               |                  |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |   |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|---|
| T4  | 3  | 0.667 | 4  | 1.000 | 1  | 0.000 | 1  | 0.000 | 1.667  | 0.417 | 0.196 | 0.082 | 0.918 |   |
| T   |    |       |    |       |    |       |    |       | 8.500  |       |       |       |       |   |
| S1  | 2  | 0.071 | 1  | 0.000 | 10 | 1.000 | 10 | 0.643 | 1.714  | 0.429 | 0.053 | 0.023 | 0.977 |   |
| S2  | 11 | 0.714 | 10 | 0.643 | 4  | 0.333 | 2  | 0.071 | 1.762  | 0.440 | 0.054 | 0.024 | 0.976 |   |
| S3  | 10 | 0.643 | 14 | 0.929 | 10 | 1.000 | 6  | 0.357 | 2.929  | 0.732 | 0.090 | 0.066 | 0.934 | 1 |
| S4  | 15 | 1.000 | 15 | 1.000 | 10 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.123 | 0.123 | 0.877 | 1 |
| S5  | 14 | 0.929 | 13 | 0.857 | 10 | 1.000 | 14 | 0.929 | 3.714  | 0.929 | 0.115 | 0.106 | 0.894 | 1 |
| S6  | 5  | 0.286 | 2  | 0.071 | 9  | 0.889 | 11 | 0.714 | 1.960  | 0.490 | 0.061 | 0.030 | 0.970 |   |
| S7  | 12 | 0.786 | 11 | 0.714 | 4  | 0.333 | 9  | 0.571 | 2.405  | 0.601 | 0.074 | 0.045 | 0.955 | 1 |
| S8  | 6  | 0.357 | 7  | 0.429 | 10 | 1.000 | 13 | 0.857 | 2.643  | 0.661 | 0.082 | 0.054 | 0.946 | 1 |
| S9  | 8  | 0.500 | 5  | 0.286 | 10 | 1.000 | 12 | 0.786 | 2.571  | 0.643 | 0.079 | 0.051 | 0.949 | 1 |
| S10 | 1  | 0.000 | 6  | 0.357 | 7  | 0.667 | 7  | 0.429 | 1.452  | 0.363 | 0.045 | 0.016 | 0.984 |   |
| S11 | 4  | 0.214 | 4  | 0.214 | 3  | 0.222 | 3  | 0.143 | 0.794  | 0.198 | 0.025 | 0.005 | 0.995 |   |
| S12 | 7  | 0.429 | 9  | 0.571 | 8  | 0.778 | 8  | 0.500 | 2.278  | 0.569 | 0.070 | 0.040 | 0.960 |   |
| S13 | 9  | 0.571 | 8  | 0.500 | 1  | 0.000 | 4  | 0.214 | 1.286  | 0.321 | 0.040 | 0.013 | 0.987 |   |
| S   |    |       |    |       |    |       |    |       | 32.389 |       |       |       |       |   |

Table A1.1.8 Prioritization of Sectors for DELHI based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled (Feature Score) | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|----------------------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              |                                  |         |          |                     |                  |
| M1                | 23         | 0.917        | 12         | 0.458        | 15             | 0.737            | 20          | 0.792         | 2.904        | 0.726                            | 0.056   | 0.041    | 0.959               | 24               |
| M2                | 18         | 0.708        | 21         | 0.833        | 12             | 0.579            | 2           | 0.042         | 2.162        | 0.541                            | 0.042   | 0.022    | 0.978               | 16               |
| M3                | 6          | 0.208        | 6          | 0.208        | 15             | 0.737            | 18          | 0.708         | 1.862        | 0.465                            | 0.036   | 0.017    | 0.983               | 8                |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M4  | 25 | 1.000 | 25 | 1.000 | 5  | 0.211 | 14 | 0.542 | 2.752  | 0.688 | 0.053 | 0.036 | 0.964 | 21 |
| M5  | 24 | 0.958 | 23 | 0.917 | 2  | 0.053 | 4  | 0.125 | 2.053  | 0.513 | 0.039 | 0.020 | 0.980 | 12 |
| M6  | 22 | 0.875 | 24 | 0.958 | 8  | 0.368 | 1  | 0.000 | 2.202  | 0.550 | 0.042 | 0.023 | 0.977 | 17 |
| M7  | 20 | 0.792 | 18 | 0.708 | 8  | 0.368 | 10 | 0.375 | 2.243  | 0.561 | 0.043 | 0.024 | 0.976 | 18 |
| M8  | 17 | 0.667 | 16 | 0.625 | 13 | 0.632 | 9  | 0.333 | 2.257  | 0.564 | 0.043 | 0.024 | 0.976 | 19 |
| M9  | 16 | 0.625 | 8  | 0.292 | 2  | 0.053 | 13 | 0.500 | 1.469  | 0.367 | 0.028 | 0.010 | 0.990 | 5  |
| M10 | 2  | 0.042 | 1  | 0.000 | 17 | 0.842 | 12 | 0.458 | 1.342  | 0.336 | 0.026 | 0.009 | 0.991 | 3  |
| M11 | 8  | 0.292 | 3  | 0.083 | 6  | 0.263 | 23 | 0.917 | 1.555  | 0.389 | 0.030 | 0.012 | 0.988 | 6  |
| M12 | 3  | 0.083 | 2  | 0.042 | 1  | 0.000 | 17 | 0.667 | 0.792  | 0.198 | 0.015 | 0.003 | 0.997 | 1  |
| M13 | 15 | 0.583 | 22 | 0.875 | 20 | 1.000 | 24 | 0.958 | 3.417  | 0.854 | 0.066 | 0.056 | 0.944 | 25 |
| M14 | 21 | 0.833 | 19 | 0.750 | 6  | 0.263 | 8  | 0.292 | 2.138  | 0.535 | 0.041 | 0.022 | 0.978 | 15 |
| M15 | 12 | 0.458 | 10 | 0.375 | 8  | 0.368 | 5  | 0.167 | 1.368  | 0.342 | 0.026 | 0.009 | 0.991 | 4  |
| M16 | 13 | 0.500 | 17 | 0.667 | 20 | 1.000 | 16 | 0.625 | 2.792  | 0.698 | 0.054 | 0.037 | 0.963 | 22 |
| M17 | 9  | 0.333 | 11 | 0.417 | 20 | 1.000 | 7  | 0.250 | 2.000  | 0.500 | 0.038 | 0.019 | 0.981 | 9  |
| M18 | 7  | 0.250 | 7  | 0.250 | 13 | 0.632 | 22 | 0.875 | 2.007  | 0.502 | 0.039 | 0.019 | 0.981 | 10 |
| M19 | 4  | 0.125 | 9  | 0.333 | 17 | 0.842 | 21 | 0.833 | 2.134  | 0.533 | 0.041 | 0.022 | 0.978 | 14 |
| M20 | 1  | 0.000 | 5  | 0.167 | 20 | 1.000 | 15 | 0.583 | 1.750  | 0.438 | 0.034 | 0.015 | 0.985 | 7  |
| M21 | 5  | 0.167 | 4  | 0.125 | 20 | 1.000 | 19 | 0.750 | 2.042  | 0.510 | 0.039 | 0.020 | 0.980 | 11 |
| M22 | 14 | 0.542 | 15 | 0.583 | 11 | 0.526 | 25 | 1.000 | 2.651  | 0.663 | 0.051 | 0.034 | 0.966 | 20 |
| M23 | 10 | 0.375 | 13 | 0.500 | 20 | 1.000 | 6  | 0.208 | 2.083  | 0.521 | 0.040 | 0.021 | 0.979 | 13 |
| M24 | 11 | 0.417 | 14 | 0.542 | 4  | 0.158 | 3  | 0.083 | 1.200  | 0.300 | 0.023 | 0.007 | 0.993 | 2  |
| M25 | 19 | 0.750 | 20 | 0.792 | 17 | 0.842 | 11 | 0.417 | 2.800  | 0.700 | 0.054 | 0.038 | 0.962 | 23 |
| M   |    |       |    |       |    |       |    |       | 51.974 |       |       |       |       |    |
| T1  | 3  | 0.667 | 3  | 0.667 | 3  | 1.000 | 3  | 0.667 | 3.000  | 0.750 | 0.353 | 0.265 | 0.735 | 4  |
| T2  | 2  | 0.333 | 2  | 0.333 | 3  | 1.000 | 4  | 1.000 | 2.667  | 0.667 | 0.314 | 0.209 | 0.791 | 3  |
| T3  | 1  | 0.000 | 1  | 0.000 | 2  | 0.500 | 2  | 0.333 | 0.833  | 0.208 | 0.098 | 0.020 | 0.980 | 1  |
| T4  | 4  | 1.000 | 4  | 1.000 | 1  | 0.000 | 1  | 0.000 | 2.000  | 0.500 | 0.235 | 0.118 | 0.882 | 2  |
| T   |    |       |    |       |    |       |    |       | 8.500  |       |       |       |       |    |
| S1  | 5  | 0.286 | 2  | 0.071 | 3  | 0.200 | 9  | 0.571 | 1.129  | 0.282 | 0.036 | 0.010 | 0.990 | 3  |
| S2  | 14 | 0.929 | 12 | 0.786 | 6  | 0.500 | 4  | 0.214 | 2.429  | 0.607 | 0.077 | 0.047 | 0.953 | 10 |
| S3  | 7  | 0.429 | 11 | 0.714 | 11 | 1.000 | 1  | 0.000 | 2.143  | 0.536 | 0.068 | 0.037 | 0.963 | 7  |
| S4  | 10 | 0.643 | 14 | 0.929 | 11 | 1.000 | 15 | 1.000 | 3.571  | 0.893 | 0.114 | 0.102 | 0.898 | 15 |
| S5  | 13 | 0.857 | 10 | 0.643 | 11 | 1.000 | 14 | 0.929 | 3.429  | 0.857 | 0.109 | 0.094 | 0.906 | 14 |
| S6  | 8  | 0.500 | 6  | 0.357 | 8  | 0.700 | 12 | 0.786 | 2.343  | 0.586 | 0.075 | 0.044 | 0.956 | 9  |
| S7  | 1  | 0.000 | 1  | 0.000 | 4  | 0.300 | 8  | 0.500 | 0.800  | 0.200 | 0.025 | 0.005 | 0.995 | 1  |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| S8  | 9  | 0.571 | 4  | 0.214 | 11 | 1.000 | 13 | 0.857 | 2.643  | 0.661 | 0.084 | 0.056 | 0.944 | 13 |
| S9  | 6  | 0.357 | 13 | 0.857 | 8  | 0.700 | 10 | 0.643 | 2.557  | 0.639 | 0.081 | 0.052 | 0.948 | 11 |
| S10 | 2  | 0.071 | 8  | 0.500 | 11 | 1.000 | 11 | 0.714 | 2.286  | 0.571 | 0.073 | 0.042 | 0.958 | 8  |
| S11 | 3  | 0.143 | 5  | 0.286 | 8  | 0.700 | 7  | 0.429 | 1.557  | 0.389 | 0.050 | 0.019 | 0.981 | 5  |
| S12 | 11 | 0.714 | 7  | 0.429 | 4  | 0.300 | 5  | 0.286 | 1.729  | 0.432 | 0.055 | 0.024 | 0.976 | 6  |
| S13 | 12 | 0.786 | 3  | 0.143 | 1  | 0.000 | 3  | 0.143 | 1.071  | 0.268 | 0.034 | 0.009 | 0.991 | 2  |
| S14 | 4  | 0.214 | 9  | 0.571 | 1  | 0.000 | 6  | 0.357 | 1.143  | 0.286 | 0.036 | 0.010 | 0.990 | 4  |
| S15 | 15 | 1.000 | 15 | 1.000 | 6  | 0.500 | 2  | 0.071 | 2.571  | 0.643 | 0.082 | 0.053 | 0.947 | 12 |
| S   |    |       |    |       |    |       |    |       | 31.400 |       |       |       |       |    |

Table A1.1.9 Prioritization of Sectors for RAJASTHAN based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 23         | 0.917        | 24         | 0.958        | 16             | 1.000            | 23          | 0.917         | 3.792        | 0.948            | 0.070   | 0.067    | 0.933               | 24               |
| M2                | 15         | 0.583        | 14         | 0.542        | 13             | 0.800            | 4           | 0.125         | 2.050        | 0.513            | 0.038   | 0.020    | 0.980               | 14               |
| M3                | 21         | 0.833        | 18         | 0.708        | 16             | 1.000            | 19          | 0.750         | 3.292        | 0.823            | 0.061   | 0.050    | 0.950               | 23               |
| M4                | 25         | 1.000        | 25         | 1.000        | 16             | 1.000            | 5           | 0.167         | 3.167        | 0.792            | 0.059   | 0.047    | 0.953               | 22               |
| M5                | 22         | 0.875        | 22         | 0.875        | 4              | 0.200            | 1           | 0.000         | 1.950        | 0.488            | 0.036   | 0.018    | 0.982               | 13               |
| M6                | 18         | 0.708        | 20         | 0.792        | 5              | 0.267            | 2           | 0.042         | 1.808        | 0.452            | 0.034   | 0.015    | 0.985               | 10               |
| M7                | 6          | 0.208        | 5          | 0.167        | 9              | 0.533            | 14          | 0.542         | 1.450        | 0.363            | 0.027   | 0.010    | 0.990               | 3                |
| M8                | 20         | 0.792        | 21         | 0.833        | 13             | 0.800            | 6           | 0.208         | 2.633        | 0.658            | 0.049   | 0.032    | 0.968               | 19               |
| M9                | 9          | 0.333        | 10         | 0.375        | 7              | 0.400            | 11          | 0.417         | 1.525        | 0.381            | 0.028   | 0.011    | 0.989               | 6                |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M10 | 3  | 0.083 | 4  | 0.125 | 13 | 0.800 | 12 | 0.458 | 1.467  | 0.367 | 0.027 | 0.010 | 0.990 | 5  |
| M11 | 2  | 0.042 | 1  | 0.000 | 3  | 0.133 | 25 | 1.000 | 1.175  | 0.294 | 0.022 | 0.006 | 0.994 | 2  |
| M12 | 17 | 0.667 | 16 | 0.625 | 9  | 0.533 | 18 | 0.708 | 2.533  | 0.633 | 0.047 | 0.030 | 0.970 | 17 |
| M13 | 19 | 0.750 | 7  | 0.250 | 2  | 0.067 | 20 | 0.792 | 1.858  | 0.465 | 0.035 | 0.016 | 0.984 | 11 |
| M14 | 12 | 0.458 | 8  | 0.292 | 5  | 0.267 | 15 | 0.583 | 1.600  | 0.400 | 0.030 | 0.012 | 0.988 | 7  |
| M15 | 10 | 0.375 | 3  | 0.083 | 1  | 0.000 | 3  | 0.083 | 0.542  | 0.135 | 0.010 | 0.001 | 0.999 | 1  |
| M16 | 14 | 0.542 | 17 | 0.667 | 16 | 1.000 | 13 | 0.500 | 2.708  | 0.677 | 0.050 | 0.034 | 0.966 | 20 |
| M17 | 7  | 0.250 | 9  | 0.333 | 9  | 0.533 | 9  | 0.333 | 1.450  | 0.363 | 0.027 | 0.010 | 0.990 | 3  |
| M18 | 24 | 0.958 | 23 | 0.917 | 16 | 1.000 | 24 | 0.958 | 3.833  | 0.958 | 0.071 | 0.068 | 0.932 | 25 |
| M19 | 4  | 0.125 | 11 | 0.417 | 8  | 0.467 | 16 | 0.625 | 1.633  | 0.408 | 0.030 | 0.012 | 0.988 | 8  |
| M20 | 13 | 0.500 | 15 | 0.583 | 16 | 1.000 | 17 | 0.667 | 2.750  | 0.688 | 0.051 | 0.035 | 0.965 | 21 |
| M21 | 5  | 0.167 | 6  | 0.208 | 9  | 0.533 | 21 | 0.833 | 1.742  | 0.435 | 0.032 | 0.014 | 0.986 | 9  |
| M22 | 1  | 0.000 | 2  | 0.042 | 16 | 1.000 | 22 | 0.875 | 1.917  | 0.479 | 0.036 | 0.017 | 0.983 | 12 |
| M23 | 11 | 0.417 | 12 | 0.458 | 16 | 1.000 | 8  | 0.292 | 2.167  | 0.542 | 0.040 | 0.022 | 0.978 | 15 |
| M24 | 16 | 0.625 | 19 | 0.750 | 16 | 1.000 | 7  | 0.250 | 2.625  | 0.656 | 0.049 | 0.032 | 0.968 | 18 |
| M25 | 8  | 0.292 | 13 | 0.500 | 16 | 1.000 | 10 | 0.375 | 2.167  | 0.542 | 0.040 | 0.022 | 0.978 | 15 |
| M   |    |       |    |       |    |       |    |       | 53.833 |       |       |       |       |    |
| T1  | 3  | 0.667 | 3  | 0.667 | 3  | 1.000 | 3  | 0.667 | 3.000  | 1.000 | 0.353 | 0.353 | 0.647 | 4  |
| T2  | 2  | 0.333 | 2  | 0.333 | 3  | 1.000 | 4  | 1.000 | 2.667  | 0.889 | 0.314 | 0.279 | 0.721 | 3  |
| T3  | 1  | 0.000 | 1  | 0.000 | 2  | 0.500 | 2  | 0.333 | 0.833  | 0.278 | 0.098 | 0.027 | 0.973 | 1  |
| T4  | 4  | 1.000 | 4  | 1.000 | 1  | 0.000 | 1  | 0.000 | 2.000  | 0.667 | 0.235 | 0.157 | 0.843 | 2  |
| T   |    |       |    |       |    |       |    |       | 8.500  |       |       |       |       |    |
| S1  | 4  | 0.214 | 4  | 0.214 | 3  | 0.333 | 12 | 0.786 | 1.548  | 0.516 | 0.046 | 0.024 | 0.976 | 4  |
| S2  | 12 | 0.786 | 10 | 0.643 | 4  | 0.500 | 3  | 0.143 | 2.071  | 0.690 | 0.062 | 0.043 | 0.957 | 6  |
| S3  | 10 | 0.643 | 11 | 0.714 | 7  | 1.000 | 4  | 0.214 | 2.571  | 0.857 | 0.077 | 0.066 | 0.934 | 12 |
| S4  | 14 | 0.929 | 15 | 1.000 | 7  | 1.000 | 14 | 0.929 | 3.857  | 1.286 | 0.115 | 0.148 | 0.852 | 15 |
| S5  | 1  | 0.000 | 1  | 0.000 | 7  | 1.000 | 15 | 1.000 | 2.000  | 0.667 | 0.060 | 0.040 | 0.960 | 5  |
| S6  | 5  | 0.286 | 5  | 0.286 | 7  | 1.000 | 11 | 0.714 | 2.286  | 0.762 | 0.068 | 0.052 | 0.948 | 10 |
| S7  | 8  | 0.500 | 8  | 0.500 | 7  | 1.000 | 8  | 0.500 | 2.500  | 0.833 | 0.075 | 0.062 | 0.938 | 11 |
| S8  | 15 | 1.000 | 14 | 0.929 | 7  | 1.000 | 13 | 0.857 | 3.786  | 1.262 | 0.113 | 0.143 | 0.857 | 14 |
| S9  | 3  | 0.143 | 7  | 0.429 | 7  | 1.000 | 9  | 0.571 | 2.143  | 0.714 | 0.064 | 0.046 | 0.954 | 7  |
| S10 | 11 | 0.714 | 12 | 0.786 | 4  | 0.500 | 10 | 0.643 | 2.643  | 0.881 | 0.079 | 0.069 | 0.931 | 13 |
| S11 | 2  | 0.071 | 2  | 0.071 | 7  | 1.000 | 5  | 0.286 | 1.429  | 0.476 | 0.043 | 0.020 | 0.980 | 2  |
| S12 | 7  | 0.429 | 6  | 0.357 | 7  | 1.000 | 7  | 0.429 | 2.214  | 0.738 | 0.066 | 0.049 | 0.951 | 8  |
| S13 | 9  | 0.571 | 3  | 0.143 | 1  | 0.000 | 2  | 0.071 | 0.786  | 0.262 | 0.023 | 0.006 | 0.994 | 1  |

|     |    |       |    |       |   |       |   |       |        |       |       |       |       |   |
|-----|----|-------|----|-------|---|-------|---|-------|--------|-------|-------|-------|-------|---|
| S14 | 6  | 0.357 | 9  | 0.571 | 2 | 0.167 | 6 | 0.357 | 1.452  | 0.484 | 0.043 | 0.021 | 0.979 | 3 |
| S15 | 13 | 0.857 | 13 | 0.857 | 4 | 0.500 | 1 | 0.000 | 2.214  | 0.738 | 0.066 | 0.049 | 0.951 | 8 |
| S   |    |       |    |       |   |       |   |       | 33.500 |       |       |       |       |   |

Table A1.1.10 Prioritization of Sectors for UTTAR PRADESH based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled (Feature Score) | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|----------------------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              |                                  |         |          |                     |                  |
| M1                | 24         | 1.000        | 24         | 1.000        | 12             | 1.000            | 24          | 1.000         | 4.000        | 1.000                            | 0.070   | 0.070    | 0.930               | 24               |
| M2                | 16         | 0.652        | 16         | 0.652        | 8              | 0.636            | 1           | 0.000         | 1.941        | 0.485                            | 0.034   | 0.016    | 0.984               | 9                |
| M3                | 22         | 0.913        | 20         | 0.826        | 12             | 1.000            | 18          | 0.739         | 3.478        | 0.870                            | 0.061   | 0.053    | 0.947               | 22               |
| M4                | 20         | 0.826        | 23         | 0.957        | 12             | 1.000            | 10          | 0.391         | 3.174        | 0.793                            | 0.055   | 0.044    | 0.956               | 21               |
| M5                | 12         | 0.478        | 12         | 0.478        | 3              | 0.182            | 7           | 0.261         | 1.399        | 0.350                            | 0.024   | 0.009    | 0.991               | 3                |
| M6                | 13         | 0.522        | 15         | 0.609        | 4              | 0.273            | 3           | 0.087         | 1.490        | 0.373                            | 0.026   | 0.010    | 0.990               | 4                |
| M7                | 15         | 0.609        | 10         | 0.391        | 12             | 1.000            | 13          | 0.522         | 2.522        | 0.630                            | 0.044   | 0.028    | 0.972               | 18               |
| M8                | 18         | 0.739        | 18         | 0.739        | 8              | 0.636            | 2           | 0.043         | 2.158        | 0.540                            | 0.038   | 0.020    | 0.980               | 15               |
| M9                | 23         | 0.957        | 22         | 0.913        | 4              | 0.273            | 11          | 0.435         | 2.577        | 0.644                            | 0.045   | 0.029    | 0.971               | 19               |
| M10               | 2          | 0.043        | 1          | 0.000        | 12             | 1.000            | 12          | 0.478         | 1.522        | 0.380                            | 0.026   | 0.010    | 0.990               | 5                |
| M11               | 24         | 1.000        | 24         | 1.000        | 12             | 1.000            | 24          | 1.000         | 4.000        | 1.000                            | 0.070   | 0.070    | 0.930               | 24               |
| M12               | 19         | 0.783        | 17         | 0.696        | 12             | 1.000            | 15          | 0.609         | 3.087        | 0.772                            | 0.054   | 0.041    | 0.959               | 20               |
| M13               | 17         | 0.696        | 21         | 0.870        | 12             | 1.000            | 22          | 0.913         | 3.478        | 0.870                            | 0.061   | 0.053    | 0.947               | 22               |
| M14               | 1          | 0.000        | 3          | 0.087        | 7              | 0.545            | 16          | 0.652         | 1.285        | 0.321                            | 0.022   | 0.007    | 0.993               | 2                |
| M15               | 21         | 0.870        | 19         | 0.783        | 2              | 0.091            | 5           | 0.174         | 1.917        | 0.479                            | 0.033   | 0.016    | 0.984               | 8                |



|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M16 | 7  | 0.261 | 7  | 0.261 | 12 | 1.000 | 14 | 0.565 | 2.087  | 0.522 | 0.036 | 0.019 | 0.981 | 14 |
| M17 | 8  | 0.304 | 11 | 0.435 | 12 | 1.000 | 6  | 0.217 | 1.957  | 0.489 | 0.034 | 0.017 | 0.983 | 11 |
| M18 | 14 | 0.565 | 13 | 0.522 | 1  | 0.000 | 23 | 0.957 | 2.043  | 0.511 | 0.036 | 0.018 | 0.982 | 12 |
| M19 | 4  | 0.130 | 4  | 0.130 | 4  | 0.273 | 17 | 0.696 | 1.229  | 0.307 | 0.021 | 0.007 | 0.993 | 1  |
| M20 | 6  | 0.217 | 8  | 0.304 | 12 | 1.000 | 21 | 0.870 | 2.391  | 0.598 | 0.042 | 0.025 | 0.975 | 17 |
| M21 | 9  | 0.348 | 5  | 0.174 | 8  | 0.636 | 19 | 0.783 | 1.941  | 0.485 | 0.034 | 0.016 | 0.984 | 9  |
| M22 | 5  | 0.174 | 2  | 0.043 | 12 | 1.000 | 20 | 0.826 | 2.043  | 0.511 | 0.036 | 0.018 | 0.982 | 12 |
| M23 | 10 | 0.391 | 9  | 0.348 | 12 | 1.000 | 4  | 0.130 | 1.870  | 0.467 | 0.033 | 0.015 | 0.985 | 7  |
| M24 | 3  | 0.087 | 6  | 0.217 | 12 | 1.000 | 8  | 0.304 | 1.609  | 0.402 | 0.028 | 0.011 | 0.989 | 6  |
| M25 | 11 | 0.435 | 14 | 0.565 | 11 | 0.909 | 9  | 0.348 | 2.257  | 0.564 | 0.039 | 0.022 | 0.978 | 16 |
| M   |    |       |    |       |    |       |    |       | 57.455 |       |       |       |       |    |
| T1  | 2  | 0.333 | 2  | 0.333 | 2  | 1.000 | 2  | 0.333 | 2.000  | 0.500 | 0.222 | 0.111 | 0.889 | 2  |
| T2  | 3  | 0.667 | 3  | 0.667 | 2  | 1.000 | 4  | 1.000 | 3.333  | 0.833 | 0.370 | 0.309 | 0.691 | 4  |
| T3  | 1  | 0.000 | 1  | 0.000 | 2  | 1.000 | 3  | 0.667 | 1.667  | 0.417 | 0.185 | 0.077 | 0.923 | 1  |
| T4  | 4  | 1.000 | 4  | 1.000 | 1  | 0.000 | 1  | 0.000 | 2.000  | 0.500 | 0.222 | 0.111 | 0.889 | 2  |
| T   |    |       |    |       |    |       |    |       | 9.000  |       |       |       |       |    |
| S1  | 6  | 0.357 | 1  | 0.000 | 4  | 0.300 | 10 | 0.643 | 1.300  | 0.325 | 0.042 | 0.013 | 0.987 | 3  |
| S2  | 13 | 0.857 | 12 | 0.786 | 5  | 0.400 | 2  | 0.071 | 2.114  | 0.529 | 0.068 | 0.036 | 0.964 | 10 |
| S3  | 9  | 0.571 | 10 | 0.643 | 11 | 1.000 | 3  | 0.143 | 2.357  | 0.589 | 0.075 | 0.044 | 0.956 | 11 |
| S4  | 15 | 1.000 | 15 | 1.000 | 11 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.128 | 0.128 | 0.872 | 15 |
| S5  | 10 | 0.643 | 3  | 0.143 | 11 | 1.000 | 12 | 0.786 | 2.571  | 0.643 | 0.082 | 0.053 | 0.947 | 13 |
| S6  | 5  | 0.286 | 5  | 0.286 | 11 | 1.000 | 13 | 0.857 | 2.429  | 0.607 | 0.078 | 0.047 | 0.953 | 12 |
| S7  | 14 | 0.929 | 14 | 0.929 | 9  | 0.800 | 9  | 0.571 | 3.229  | 0.807 | 0.103 | 0.083 | 0.917 | 14 |
| S8  | 1  | 0.000 | 2  | 0.071 | 3  | 0.200 | 14 | 0.929 | 1.200  | 0.300 | 0.038 | 0.012 | 0.988 | 2  |
| S9  | 7  | 0.429 | 11 | 0.714 | 5  | 0.400 | 8  | 0.500 | 2.043  | 0.511 | 0.065 | 0.033 | 0.967 | 8  |
| S10 | 4  | 0.214 | 9  | 0.571 | 5  | 0.400 | 11 | 0.714 | 1.900  | 0.475 | 0.061 | 0.029 | 0.971 | 6  |
| S11 | 2  | 0.071 | 7  | 0.429 | 11 | 1.000 | 7  | 0.429 | 1.929  | 0.482 | 0.062 | 0.030 | 0.970 | 7  |
| S12 | 8  | 0.500 | 4  | 0.214 | 9  | 0.800 | 6  | 0.357 | 1.871  | 0.468 | 0.060 | 0.028 | 0.972 | 5  |
| S13 | 11 | 0.714 | 8  | 0.500 | 1  | 0.000 | 4  | 0.214 | 1.429  | 0.357 | 0.046 | 0.016 | 0.984 | 4  |
| S14 | 3  | 0.143 | 6  | 0.357 | 2  | 0.100 | 5  | 0.286 | 0.886  | 0.221 | 0.028 | 0.006 | 0.994 | 1  |
| S15 | 12 | 0.786 | 13 | 0.857 | 5  | 0.400 | 1  | 0.000 | 2.043  | 0.511 | 0.065 | 0.033 | 0.967 | 8  |
| S   |    |       |    |       |    |       |    |       | 31.300 |       |       |       |       |    |

Table A1.1.11 Prioritization of Sectors for BIHAR based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 10         | 1.000        | 10         | 1.000        | 10             | 1.000            | 10          | 1.000         | 4.000        | 1.000            | 0.050   | 0.050    | 0.950               | 14               |
| M2                | 1          | 0.000        | 1          | 0.000        | 4              | 0.333            | 1           | 0.000         | 0.333        | 0.083            | 0.004   | 0.000    | 1.000               | 1                |
| M3                | 8          | 0.778        | 7          | 0.667        | 10             | 1.000            | 9           | 0.889         | 3.333        | 0.833            | 0.042   | 0.035    | 0.965               | 9                |
| M4                | 10         | 1.000        | 10         | 1.000        | 10             | 1.000            | 10          | 1.000         | 4.000        | 1.000            | 0.050   | 0.050    | 0.950               | 14               |
| M5                | 5          | 0.444        | 8          | 0.778        | 1              | 0.000            | 6           | 0.556         | 1.778        | 0.444            | 0.022   | 0.010    | 0.990               | 5                |
| M6                | 7          | 0.667        | 4          | 0.333        | 2              | 0.111            | 2           | 0.111         | 1.222        | 0.306            | 0.015   | 0.005    | 0.995               | 2                |
| M7                | 10         | 1.000        | 10         | 1.000        | 10             | 1.000            | 10          | 1.000         | 4.000        | 1.000            | 0.050   | 0.050    | 0.950               | 14               |
| M8                | 9          | 0.889        | 9          | 0.889        | 8              | 0.778            | 8           | 0.778         | 3.333        | 0.833            | 0.042   | 0.035    | 0.965               | 9                |
| M9                | 10         | 1.000        | 10         | 1.000        | 10             | 1.000            | 10          | 1.000         | 4.000        | 1.000            | 0.050   | 0.050    | 0.950               | 14               |
| M10               | 3          | 0.222        | 3          | 0.222        | 4              | 0.333            | 7           | 0.667         | 1.444        | 0.361            | 0.018   | 0.007    | 0.993               | 3                |
| M11               | 10         | 1.000        | 10         | 1.000        | 10             | 1.000            | 10          | 1.000         | 4.000        | 1.000            | 0.050   | 0.050    | 0.950               | 14               |
| M12               | 10         | 1.000        | 10         | 1.000        | 3              | 0.222            | 10          | 1.000         | 3.222        | 0.806            | 0.041   | 0.033    | 0.967               | 8                |
| M13               | 10         | 1.000        | 10         | 1.000        | 10             | 1.000            | 10          | 1.000         | 4.000        | 1.000            | 0.050   | 0.050    | 0.950               | 14               |
| M14               | 10         | 1.000        | 10         | 1.000        | 10             | 1.000            | 10          | 1.000         | 4.000        | 1.000            | 0.050   | 0.050    | 0.950               | 14               |
| M15               | 10         | 1.000        | 10         | 1.000        | 4              | 0.333            | 10          | 1.000         | 3.333        | 0.833            | 0.042   | 0.035    | 0.965               | 9                |
| M16               | 10         | 1.000        | 10         | 1.000        | 10             | 1.000            | 10          | 1.000         | 4.000        | 1.000            | 0.050   | 0.050    | 0.950               | 14               |
| M17               | 6          | 0.556        | 6          | 0.556        | 10             | 1.000            | 5           | 0.444         | 2.556        | 0.639            | 0.032   | 0.021    | 0.979               | 7                |
| M18               | 10         | 1.000        | 10         | 1.000        | 10             | 1.000            | 10          | 1.000         | 4.000        | 1.000            | 0.050   | 0.050    | 0.950               | 14               |
| M19               | 10         | 1.000        | 10         | 1.000        | 4              | 0.333            | 10          | 1.000         | 3.333        | 0.833            | 0.042   | 0.035    | 0.965               | 9                |
| M20               | 10         | 1.000        | 10         | 1.000        | 10             | 1.000            | 10          | 1.000         | 4.000        | 1.000            | 0.050   | 0.050    | 0.950               | 14               |
| M21               | 10         | 1.000        | 10         | 1.000        | 10             | 1.000            | 10          | 1.000         | 4.000        | 1.000            | 0.050   | 0.050    | 0.950               | 14               |
| M22               | 10         | 1.000        | 10         | 1.000        | 10             | 1.000            | 10          | 1.000         | 4.000        | 1.000            | 0.050   | 0.050    | 0.950               | 14               |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M23 | 4  | 0.333 | 5  | 0.444 | 10 | 1.000 | 3  | 0.222 | 2.000  | 0.500 | 0.025 | 0.013 | 0.987 | 6  |
| M24 | 2  | 0.111 | 2  | 0.111 | 10 | 1.000 | 4  | 0.333 | 1.556  | 0.389 | 0.020 | 0.008 | 0.992 | 4  |
| M25 | 10 | 1.000 | 10 | 1.000 | 8  | 0.778 | 10 | 1.000 | 3.778  | 0.944 | 0.048 | 0.045 | 0.955 | 13 |
| M   |    |       |    |       |    |       |    |       | 79.222 |       |       |       |       |    |
| T1  | 1  | 0.000 | 1  | 0.000 | 3  | 1.000 | 2  | 0.333 | 1.333  | 0.333 | 0.157 | 0.052 | 0.948 | 1  |
| T2  | 4  | 1.000 | 4  | 1.000 | 2  | 0.500 | 4  | 1.000 | 3.500  | 0.875 | 0.412 | 0.360 | 0.640 | 4  |
| T3  | 2  | 0.333 | 2  | 0.333 | 1  | 0.000 | 3  | 0.667 | 1.333  | 0.333 | 0.157 | 0.052 | 0.948 | 1  |
| T4  | 3  | 0.667 | 3  | 0.667 | 3  | 1.000 | 1  | 0.000 | 2.333  | 0.583 | 0.275 | 0.160 | 0.840 | 3  |
| T   |    |       |    |       |    |       |    |       | 8.500  |       |       |       |       |    |
| S1  | 2  | 0.083 | 1  | 0.000 | 7  | 1.000 | 5  | 0.333 | 1.417  | 0.354 | 0.039 | 0.014 | 0.986 | 3  |
| S2  | 10 | 0.750 | 9  | 0.667 | 7  | 1.000 | 2  | 0.083 | 2.500  | 0.625 | 0.069 | 0.043 | 0.957 | 9  |
| S3  | 7  | 0.500 | 8  | 0.583 | 7  | 1.000 | 4  | 0.250 | 2.333  | 0.583 | 0.064 | 0.037 | 0.963 | 8  |
| S4  | 13 | 1.000 | 13 | 1.000 | 7  | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.110 | 0.110 | 0.890 | 13 |
| S5  | 5  | 0.333 | 6  | 0.417 | 7  | 1.000 | 12 | 0.917 | 2.667  | 0.667 | 0.073 | 0.049 | 0.951 | 11 |
| S6  | 13 | 1.000 | 13 | 1.000 | 7  | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.110 | 0.110 | 0.890 | 13 |
| S7  | 6  | 0.417 | 7  | 0.500 | 4  | 0.500 | 8  | 0.583 | 2.000  | 0.500 | 0.055 | 0.028 | 0.972 | 6  |
| S8  | 12 | 0.917 | 12 | 0.917 | 7  | 1.000 | 7  | 0.500 | 3.333  | 0.833 | 0.092 | 0.076 | 0.924 | 12 |
| S9  | 13 | 1.000 | 13 | 1.000 | 7  | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.110 | 0.110 | 0.890 | 13 |
| S10 | 9  | 0.667 | 11 | 0.833 | 4  | 0.500 | 1  | 0.000 | 2.000  | 0.500 | 0.055 | 0.028 | 0.972 | 6  |
| S11 | 3  | 0.167 | 5  | 0.333 | 2  | 0.167 | 11 | 0.833 | 1.500  | 0.375 | 0.041 | 0.015 | 0.985 | 4  |
| S12 | 1  | 0.000 | 4  | 0.250 | 7  | 1.000 | 9  | 0.667 | 1.917  | 0.479 | 0.053 | 0.025 | 0.975 | 5  |
| S13 | 8  | 0.583 | 2  | 0.083 | 1  | 0.000 | 3  | 0.167 | 0.833  | 0.208 | 0.023 | 0.005 | 0.995 | 1  |
| S14 | 4  | 0.250 | 3  | 0.167 | 2  | 0.167 | 10 | 0.750 | 1.333  | 0.333 | 0.037 | 0.012 | 0.988 | 2  |
| S15 | 11 | 0.833 | 10 | 0.750 | 4  | 0.500 | 6  | 0.417 | 2.500  | 0.625 | 0.069 | 0.043 | 0.957 | 9  |
| S   |    |       |    |       |    |       |    |       | 36.333 |       |       |       |       |    |

Table A1.1.12 Prioritization of Sectors for SIKKIM based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled<br>(Feature Score) | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|-------------------------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              |                                     |         |          |                     |                  |
| M1                | 14         | 1.000        | 14         | 1.000        | 13             | 1.000            | 39.5        | 1.000         | 4.000        | 1.000                               | 0.057   | 0.057    | 0.943               | 19               |
| M2                | 6          | 0.385        | 4          | 0.231        | 9              | 0.667            | 9           | 0.000         | 1.282        | 0.321                               | 0.018   | 0.006    | 0.994               | 4                |
| M3                | 14         | 1.000        | 14         | 1.000        | 6              | 0.417            | 39.5        | 1.000         | 3.417        | 0.854                               | 0.048   | 0.041    | 0.959               | 17               |
| M4                | 1          | 0.000        | 2          | 0.077        | 2              | 0.083            | 26          | 0.557         | 0.718        | 0.179                               | 0.010   | 0.002    | 0.998               | 1                |
| M5                | 13         | 0.923        | 13         | 0.923        | 2              | 0.083            | 15          | 0.197         | 2.126        | 0.532                               | 0.030   | 0.016    | 0.984               | 6                |
| M6                | 9          | 0.615        | 10         | 0.692        | 12             | 0.917            | 14          | 0.164         | 2.388        | 0.597                               | 0.034   | 0.020    | 0.980               | 9                |
| M7                | 2          | 0.077        | 5          | 0.308        | 13             | 1.000            | 27          | 0.590         | 1.975        | 0.494                               | 0.028   | 0.014    | 0.986               | 5                |
| M8                | 4          | 0.231        | 1          | 0.000        | 7              | 0.500            | 11          | 0.066         | 0.796        | 0.199                               | 0.011   | 0.002    | 0.998               | 2                |
| M9                | 14         | 1.000        | 14         | 1.000        | 5              | 0.333            | 39.5        | 1.000         | 3.333        | 0.833                               | 0.047   | 0.039    | 0.961               | 15               |
| M10               | 10         | 0.692        | 7          | 0.462        | 13             | 1.000            | 20          | 0.361         | 2.515        | 0.629                               | 0.036   | 0.022    | 0.978               | 11               |
| M11               | 14         | 1.000        | 14         | 1.000        | 4              | 0.250            | 39.5        | 1.000         | 3.250        | 0.813                               | 0.046   | 0.037    | 0.963               | 14               |
| M12               | 14         | 1.000        | 14         | 1.000        | 13             | 1.000            | 39.5        | 1.000         | 4.000        | 1.000                               | 0.057   | 0.057    | 0.943               | 19               |
| M13               | 14         | 1.000        | 14         | 1.000        | 13             | 1.000            | 39.5        | 1.000         | 4.000        | 1.000                               | 0.057   | 0.057    | 0.943               | 19               |
| M14               | 12         | 0.846        | 12         | 0.846        | 13             | 1.000            | 29.5        | 0.672         | 3.364        | 0.841                               | 0.048   | 0.040    | 0.960               | 16               |
| M15               | 14         | 1.000        | 14         | 1.000        | 1              | 0.000            | 39.5        | 1.000         | 3.000        | 0.750                               | 0.042   | 0.032    | 0.968               | 13               |
| M16               | 3          | 0.154        | 9          | 0.615        | 13             | 1.000            | 31          | 0.721         | 2.491        | 0.623                               | 0.035   | 0.022    | 0.978               | 10               |
| M17               | 7          | 0.462        | 8          | 0.538        | 13             | 1.000            | 17          | 0.262         | 2.262        | 0.566                               | 0.032   | 0.018    | 0.982               | 8                |
| M18               | 14         | 1.000        | 14         | 1.000        | 7              | 0.500            | 39.5        | 1.000         | 3.500        | 0.875                               | 0.050   | 0.043    | 0.957               | 18               |
| M19               | 14         | 1.000        | 14         | 1.000        | 13             | 1.000            | 39.5        | 1.000         | 4.000        | 1.000                               | 0.057   | 0.057    | 0.943               | 19               |
| M20               | 11         | 0.769        | 11         | 0.769        | 9              | 0.667            | 29.5        | 0.672         | 2.877        | 0.719                               | 0.041   | 0.029    | 0.971               | 12               |
| M21               | 14         | 1.000        | 14         | 1.000        | 13             | 1.000            | 39.5        | 1.000         | 4.000        | 1.000                               | 0.057   | 0.057    | 0.943               | 19               |
| M22               | 14         | 1.000        | 14         | 1.000        | 13             | 1.000            | 39.5        | 1.000         | 4.000        | 1.000                               | 0.057   | 0.057    | 0.943               | 19               |
| M23               | 8          | 0.538        | 6          | 0.385        | 13             | 1.000            | 16          | 0.230         | 2.153        | 0.538                               | 0.030   | 0.016    | 0.984               | 7                |
| M24               | 5          | 0.308        | 3          | 0.154        | 9              | 0.667            | 13          | 0.131         | 1.259        | 0.315                               | 0.018   | 0.006    | 0.994               | 3                |
| M25               | 14         | 1.000        | 14         | 1.000        | 13             | 1.000            | 39.5        | 1.000         | 4.000        | 1.000                               | 0.057   | 0.057    | 0.943               | 19               |
| M                 |            |              |            |              |                |                  | 4           |               | 70.706       |                                     |         |          |                     |                  |
| T1                | 3          | 0.667        | 2          | 0.333        | 3              | 1.000            | 8           | 0.286         | 2.286        | 0.571                               | 0.262   | 0.149    | 0.851               | 3                |
| T2                | 1          | 0.000        | 1          | 0.000        | 1              | 0.000            | 23          | 1.000         | 1.000        | 0.250                               | 0.114   | 0.029    | 0.971               | 1                |
| T3                | 4          | 1.000        | 4          | 1.000        | 3              | 1.000            | 22          | 0.952         | 3.952        | 0.988                               | 0.452   | 0.447    | 0.553               | 4                |

|     |    |       |    |       |   |       |      |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|---|-------|------|-------|--------|-------|-------|-------|-------|----|
| T4  | 2  | 0.333 | 3  | 0.667 | 2 | 0.500 | 2    | 0.000 | 1.500  | 0.375 | 0.172 | 0.064 | 0.936 | 2  |
| T   |    |       |    |       |   |       | 1    |       | 8.738  |       |       |       |       |    |
| S1  | 2  | 0.091 | 3  | 0.182 | 5 | 0.571 | 12   | 0.203 | 1.047  | 0.262 | 0.029 | 0.008 | 0.992 | 3  |
| S2  | 10 | 0.818 | 6  | 0.455 | 2 | 0.143 | 5    | 0.000 | 1.416  | 0.354 | 0.039 | 0.014 | 0.986 | 4  |
| S3  | 3  | 0.182 | 4  | 0.273 | 8 | 1.000 | 19   | 0.406 | 1.860  | 0.465 | 0.052 | 0.024 | 0.976 | 6  |
| S4  | 12 | 1.000 | 12 | 1.000 | 8 | 1.000 | 39.5 | 1.000 | 4.000  | 1.000 | 0.111 | 0.111 | 0.889 | 14 |
| S5  | 12 | 1.000 | 12 | 1.000 | 8 | 1.000 | 39.5 | 1.000 | 4.000  | 1.000 | 0.111 | 0.111 | 0.889 | 14 |
| S6  | 5  | 0.364 | 8  | 0.636 | 8 | 1.000 | 28   | 0.667 | 2.667  | 0.667 | 0.074 | 0.049 | 0.951 | 8  |
| S7  | 9  | 0.727 | 10 | 0.818 | 8 | 1.000 | 10   | 0.145 | 2.690  | 0.673 | 0.075 | 0.050 | 0.950 | 9  |
| S8  | 12 | 1.000 | 12 | 1.000 | 1 | 0.000 | 39.5 | 1.000 | 3.000  | 0.750 | 0.083 | 0.062 | 0.938 | 11 |
| S9  | 11 | 0.909 | 11 | 0.909 | 8 | 1.000 | 25   | 0.580 | 3.398  | 0.849 | 0.094 | 0.080 | 0.920 | 12 |
| S10 | 12 | 1.000 | 12 | 1.000 | 5 | 0.571 | 39.5 | 1.000 | 3.571  | 0.893 | 0.099 | 0.088 | 0.912 | 13 |
| S11 | 7  | 0.545 | 9  | 0.727 | 8 | 1.000 | 24   | 0.551 | 2.823  | 0.706 | 0.078 | 0.055 | 0.945 | 10 |
| S12 | 4  | 0.273 | 5  | 0.364 | 8 | 1.000 | 21   | 0.464 | 2.100  | 0.525 | 0.058 | 0.031 | 0.969 | 7  |
| S13 | 6  | 0.455 | 1  | 0.000 | 4 | 0.429 | 6    | 0.029 | 0.912  | 0.228 | 0.025 | 0.006 | 0.994 | 2  |
| S14 | 1  | 0.000 | 2  | 0.091 | 3 | 0.286 | 18   | 0.377 | 0.753  | 0.188 | 0.021 | 0.004 | 0.996 | 1  |
| S15 | 8  | 0.636 | 7  | 0.545 | 5 | 0.571 | 7    | 0.058 | 1.811  | 0.453 | 0.050 | 0.023 | 0.977 | 5  |
| S   |    |       |    |       |   |       |      |       | 36.050 |       |       |       |       |    |

Table A1.1.13 Prioritization of Sectors for ARUNACHAL PRADESH based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M1  | 13 | 1.000 | 13 | 1.000 | 19 | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.057 | 0.057 | 0.943 | 21 |
| M2  | 7  | 0.500 | 8  | 0.583 | 9  | 0.444 | 3  | 0.167 | 1.694  | 0.424 | 0.024 | 0.010 | 0.990 | 5  |
| M3  | 9  | 0.667 | 6  | 0.417 | 11 | 0.556 | 5  | 0.333 | 1.972  | 0.493 | 0.028 | 0.014 | 0.986 | 8  |
| M4  | 13 | 1.000 | 13 | 1.000 | 5  | 0.222 | 13 | 1.000 | 3.222  | 0.806 | 0.046 | 0.037 | 0.963 | 15 |
| M5  | 11 | 0.833 | 11 | 0.833 | 5  | 0.222 | 1  | 0.000 | 1.889  | 0.472 | 0.027 | 0.013 | 0.987 | 7  |
| M6  | 4  | 0.250 | 5  | 0.333 | 9  | 0.444 | 9  | 0.667 | 1.694  | 0.424 | 0.024 | 0.010 | 0.990 | 5  |
| M7  | 12 | 0.917 | 12 | 0.917 | 15 | 0.778 | 12 | 0.917 | 3.528  | 0.882 | 0.050 | 0.044 | 0.956 | 17 |
| M8  | 8  | 0.583 | 9  | 0.667 | 16 | 0.833 | 2  | 0.083 | 2.167  | 0.542 | 0.031 | 0.017 | 0.983 | 10 |
| M9  | 13 | 1.000 | 13 | 1.000 | 3  | 0.111 | 13 | 1.000 | 3.111  | 0.778 | 0.044 | 0.034 | 0.966 | 13 |
| M10 | 3  | 0.167 | 2  | 0.083 | 11 | 0.556 | 10 | 0.750 | 1.556  | 0.389 | 0.022 | 0.009 | 0.991 | 4  |
| M11 | 13 | 1.000 | 13 | 1.000 | 19 | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.057 | 0.057 | 0.943 | 21 |
| M12 | 13 | 1.000 | 13 | 1.000 | 4  | 0.167 | 13 | 1.000 | 3.167  | 0.792 | 0.045 | 0.036 | 0.964 | 14 |
| M13 | 13 | 1.000 | 13 | 1.000 | 19 | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.057 | 0.057 | 0.943 | 21 |
| M14 | 13 | 1.000 | 13 | 1.000 | 14 | 0.722 | 13 | 1.000 | 3.722  | 0.931 | 0.053 | 0.049 | 0.951 | 19 |
| M15 | 6  | 0.417 | 3  | 0.167 | 2  | 0.056 | 7  | 0.500 | 1.139  | 0.285 | 0.016 | 0.005 | 0.995 | 1  |
| M16 | 13 | 1.000 | 13 | 1.000 | 5  | 0.222 | 13 | 1.000 | 3.222  | 0.806 | 0.046 | 0.037 | 0.963 | 15 |
| M17 | 10 | 0.750 | 10 | 0.750 | 17 | 0.889 | 8  | 0.583 | 2.972  | 0.743 | 0.042 | 0.031 | 0.969 | 11 |
| M18 | 13 | 1.000 | 13 | 1.000 | 1  | 0.000 | 13 | 1.000 | 3.000  | 0.750 | 0.043 | 0.032 | 0.968 | 12 |
| M19 | 13 | 1.000 | 13 | 1.000 | 11 | 0.556 | 13 | 1.000 | 3.556  | 0.889 | 0.050 | 0.045 | 0.955 | 18 |
| M20 | 13 | 1.000 | 13 | 1.000 | 17 | 0.889 | 13 | 1.000 | 3.889  | 0.972 | 0.055 | 0.054 | 0.946 | 20 |
| M21 | 2  | 0.083 | 1  | 0.000 | 19 | 1.000 | 6  | 0.417 | 1.500  | 0.375 | 0.021 | 0.008 | 0.992 | 3  |
| M22 | 13 | 1.000 | 13 | 1.000 | 19 | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.057 | 0.057 | 0.943 | 21 |
| M23 | 5  | 0.333 | 7  | 0.500 | 19 | 1.000 | 4  | 0.250 | 2.083  | 0.521 | 0.030 | 0.015 | 0.985 | 9  |
| M24 | 1  | 0.000 | 4  | 0.250 | 8  | 0.389 | 11 | 0.833 | 1.472  | 0.368 | 0.021 | 0.008 | 0.992 | 2  |
| M25 | 13 | 1.000 | 13 | 1.000 | 19 | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.057 | 0.057 | 0.943 | 21 |
| M   |    |       |    |       |    |       |    |       | 70.556 |       |       |       |       |    |
| T1  | 1  | 0.000 | 1  | 0.000 | 4  | 1.000 | 2  | 0.333 | 1.333  | 0.333 | 0.174 | 0.058 | 0.942 | 1  |
| T2  | 4  | 1.000 | 4  | 1.000 | 3  | 0.667 | 4  | 1.000 | 3.667  | 0.917 | 0.478 | 0.438 | 0.562 | 4  |
| T3  | 2  | 0.333 | 2  | 0.333 | 1  | 0.000 | 3  | 0.667 | 1.333  | 0.333 | 0.174 | 0.058 | 0.942 | 1  |
| T4  | 3  | 0.667 | 3  | 0.667 | 1  | 0.000 | 1  | 0.000 | 1.333  | 0.333 | 0.174 | 0.058 | 0.942 | 1  |
| T   |    |       |    |       |    |       |    |       | 7.667  |       |       |       |       |    |
| S1  | 1  | 0.000 | 3  | 0.182 | 3  | 0.182 | 5  | 0.364 | 0.727  | 0.182 | 0.020 | 0.004 | 0.996 | 2  |
| S2  | 11 | 0.909 | 9  | 0.727 | 4  | 0.273 | 4  | 0.273 | 2.182  | 0.545 | 0.061 | 0.033 | 0.967 | 8  |
| S3  | 3  | 0.182 | 8  | 0.636 | 12 | 1.000 | 2  | 0.091 | 1.909  | 0.477 | 0.054 | 0.026 | 0.974 | 6  |
| S4  | 12 | 1.000 | 12 | 1.000 | 12 | 1.000 | 12 | 1.000 | 4.000  | 1.000 | 0.113 | 0.113 | 0.887 | 13 |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| S5  | 12 | 1.000 | 12 | 1.000 | 12 | 1.000 | 12 | 1.000 | 4.000  | 1.000 | 0.113 | 0.113 | 0.887 | 13 |
| S6  | 12 | 1.000 | 12 | 1.000 | 12 | 1.000 | 12 | 1.000 | 4.000  | 1.000 | 0.113 | 0.113 | 0.887 | 13 |
| S7  | 6  | 0.455 | 4  | 0.273 | 7  | 0.545 | 7  | 0.545 | 1.818  | 0.455 | 0.051 | 0.023 | 0.977 | 4  |
| S8  | 10 | 0.818 | 6  | 0.455 | 5  | 0.364 | 3  | 0.182 | 1.818  | 0.455 | 0.051 | 0.023 | 0.977 | 4  |
| S9  | 12 | 1.000 | 12 | 1.000 | 10 | 0.818 | 12 | 1.000 | 3.818  | 0.955 | 0.107 | 0.103 | 0.897 | 12 |
| S10 | 9  | 0.727 | 11 | 0.909 | 7  | 0.545 | 8  | 0.636 | 2.818  | 0.705 | 0.079 | 0.056 | 0.944 | 11 |
| S11 | 7  | 0.545 | 10 | 0.818 | 5  | 0.364 | 11 | 0.909 | 2.636  | 0.659 | 0.074 | 0.049 | 0.951 | 10 |
| S12 | 2  | 0.091 | 5  | 0.364 | 10 | 0.818 | 10 | 0.818 | 2.091  | 0.523 | 0.059 | 0.031 | 0.969 | 7  |
| S13 | 4  | 0.273 | 2  | 0.091 | 1  | 0.000 | 1  | 0.000 | 0.364  | 0.091 | 0.010 | 0.001 | 0.999 | 1  |
| S14 | 5  | 0.364 | 1  | 0.000 | 2  | 0.091 | 9  | 0.727 | 1.182  | 0.295 | 0.033 | 0.010 | 0.990 | 3  |
| S15 | 8  | 0.636 | 7  | 0.545 | 7  | 0.545 | 6  | 0.455 | 2.182  | 0.545 | 0.061 | 0.033 | 0.967 | 8  |
| S   |    |       |    |       |    |       |    |       | 35.545 |       |       |       |       |    |

Table A1.1.14 Prioritization of Sectors for NAGALAND based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled<br>(Feature Score) | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|-------------------------------------|---------|----------|---------------------|------------------|
| M1                | 17         | 1.000        | 17         | 1.000        | 21             | 1.000            | 17          | 1.000         | 4.000        | 1.000                               | 0.063   | 0.063    | 0.937               | 23               |
| M2                | 9          | 0.500        | 7          | 0.375        | 9              | 0.400            | 3           | 0.125         | 1.400        | 0.350                               | 0.022   | 0.008    | 0.992               | 3                |
| M3                | 15         | 0.875        | 14         | 0.813        | 13             | 0.600            | 9           | 0.500         | 2.788        | 0.697                               | 0.044   | 0.030    | 0.970               | 14               |
| M4                | 5          | 0.250        | 9          | 0.500        | 11             | 0.500            | 16          | 0.938         | 2.188        | 0.547                               | 0.034   | 0.019    | 0.981               | 11               |
| M5                | 14         | 0.813        | 15         | 0.875        | 7              | 0.300            | 1           | 0.000         | 1.988        | 0.497                               | 0.031   | 0.015    | 0.985               | 8                |
| M6                | 10         | 0.563        | 12         | 0.688        | 11             | 0.500            | 2           | 0.063         | 1.813        | 0.453                               | 0.028   | 0.013    | 0.987               | 7                |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M7  | 17 | 1.000 | 17 | 1.000 | 5  | 0.200 | 17 | 1.000 | 3.200  | 0.800 | 0.050 | 0.040 | 0.960 | 20 |
| M8  | 4  | 0.188 | 6  | 0.313 | 16 | 0.750 | 4  | 0.188 | 1.438  | 0.359 | 0.023 | 0.008 | 0.992 | 4  |
| M9  | 17 | 1.000 | 17 | 1.000 | 1  | 0.000 | 17 | 1.000 | 3.000  | 0.750 | 0.047 | 0.035 | 0.965 | 17 |
| M10 | 7  | 0.375 | 4  | 0.188 | 8  | 0.350 | 10 | 0.563 | 1.475  | 0.369 | 0.023 | 0.009 | 0.991 | 5  |
| M11 | 17 | 1.000 | 17 | 1.000 | 21 | 1.000 | 17 | 1.000 | 4.000  | 1.000 | 0.063 | 0.063 | 0.937 | 23 |
| M12 | 11 | 0.625 | 13 | 0.750 | 2  | 0.050 | 13 | 0.750 | 2.175  | 0.544 | 0.034 | 0.019 | 0.981 | 10 |
| M13 | 17 | 1.000 | 17 | 1.000 | 3  | 0.100 | 17 | 1.000 | 3.100  | 0.775 | 0.049 | 0.038 | 0.962 | 18 |
| M14 | 13 | 0.750 | 10 | 0.563 | 6  | 0.250 | 14 | 0.813 | 2.375  | 0.594 | 0.037 | 0.022 | 0.978 | 13 |
| M15 | 1  | 0.000 | 1  | 0.000 | 14 | 0.650 | 8  | 0.438 | 1.088  | 0.272 | 0.017 | 0.005 | 0.995 | 1  |
| M16 | 2  | 0.063 | 5  | 0.250 | 21 | 1.000 | 12 | 0.688 | 2.000  | 0.500 | 0.031 | 0.016 | 0.984 | 9  |
| M17 | 6  | 0.313 | 3  | 0.125 | 19 | 0.900 | 7  | 0.375 | 1.713  | 0.428 | 0.027 | 0.011 | 0.989 | 6  |
| M18 | 17 | 1.000 | 17 | 1.000 | 4  | 0.150 | 17 | 1.000 | 3.150  | 0.788 | 0.049 | 0.039 | 0.961 | 19 |
| M19 | 16 | 0.938 | 16 | 0.938 | 9  | 0.400 | 11 | 0.625 | 2.900  | 0.725 | 0.045 | 0.033 | 0.967 | 15 |
| M20 | 17 | 1.000 | 17 | 1.000 | 21 | 1.000 | 17 | 1.000 | 4.000  | 1.000 | 0.063 | 0.063 | 0.937 | 23 |
| M21 | 17 | 1.000 | 17 | 1.000 | 15 | 0.700 | 17 | 1.000 | 3.700  | 0.925 | 0.058 | 0.054 | 0.946 | 21 |
| M22 | 17 | 1.000 | 17 | 1.000 | 18 | 0.850 | 17 | 1.000 | 3.850  | 0.963 | 0.060 | 0.058 | 0.942 | 22 |
| M23 | 3  | 0.125 | 2  | 0.063 | 19 | 0.900 | 5  | 0.250 | 1.338  | 0.334 | 0.021 | 0.007 | 0.993 | 2  |
| M24 | 12 | 0.688 | 8  | 0.438 | 16 | 0.750 | 6  | 0.313 | 2.188  | 0.547 | 0.034 | 0.019 | 0.981 | 11 |
| M25 | 8  | 0.438 | 11 | 0.625 | 21 | 1.000 | 15 | 0.875 | 2.938  | 0.734 | 0.046 | 0.034 | 0.966 | 16 |
| M   |    |       |    |       |    |       |    |       | 63.800 |       |       |       |       |    |
| T1  | 2  | 0.333 | 2  | 0.333 | 4  | 1.000 | 3  | 0.667 | 2.333  | 0.583 | 0.292 | 0.170 | 0.830 | 3  |
| T2  | 1  | 0.000 | 1  | 0.000 | 2  | 0.333 | 4  | 1.000 | 1.333  | 0.333 | 0.167 | 0.056 | 0.944 | 1  |
| T3  | 3  | 0.667 | 3  | 0.667 | 1  | 0.000 | 2  | 0.333 | 1.667  | 0.417 | 0.208 | 0.087 | 0.913 | 2  |
| T4  | 4  | 1.000 | 4  | 1.000 | 3  | 0.667 | 1  | 0.000 | 2.667  | 0.667 | 0.333 | 0.222 | 0.778 | 4  |
| T   |    |       |    |       |    |       |    |       | 8.000  |       |       |       |       |    |
| S1  | 8  | 0.583 | 7  | 0.500 | 1  | 0.000 | 11 | 0.833 | 1.917  | 0.479 | 0.057 | 0.027 | 0.973 | 7  |
| S2  | 10 | 0.750 | 10 | 0.750 | 5  | 0.333 | 1  | 0.000 | 1.833  | 0.458 | 0.054 | 0.025 | 0.975 | 6  |
| S3  | 4  | 0.250 | 8  | 0.583 | 13 | 1.000 | 2  | 0.083 | 1.917  | 0.479 | 0.057 | 0.027 | 0.973 | 7  |
| S4  | 13 | 1.000 | 13 | 1.000 | 13 | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.119 | 0.119 | 0.881 | 14 |
| S5  | 13 | 1.000 | 13 | 1.000 | 13 | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.119 | 0.119 | 0.881 | 14 |
| S6  | 3  | 0.167 | 9  | 0.667 | 10 | 0.750 | 12 | 0.917 | 2.500  | 0.625 | 0.074 | 0.046 | 0.954 | 10 |
| S7  | 5  | 0.333 | 5  | 0.333 | 8  | 0.583 | 5  | 0.333 | 1.583  | 0.396 | 0.047 | 0.019 | 0.981 | 3  |
| S8  | 11 | 0.833 | 2  | 0.083 | 4  | 0.250 | 10 | 0.750 | 1.917  | 0.479 | 0.057 | 0.027 | 0.973 | 7  |
| S9  | 13 | 1.000 | 13 | 1.000 | 6  | 0.417 | 13 | 1.000 | 3.417  | 0.854 | 0.101 | 0.086 | 0.914 | 13 |
| S10 | 2  | 0.083 | 4  | 0.250 | 11 | 0.833 | 6  | 0.417 | 1.583  | 0.396 | 0.047 | 0.019 | 0.981 | 3  |



|     |    |       |    |       |    |       |   |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|---|-------|--------|-------|-------|-------|-------|----|
| S11 | 1  | 0.000 | 6  | 0.417 | 8  | 0.583 | 9 | 0.667 | 1.667  | 0.417 | 0.049 | 0.021 | 0.979 | 5  |
| S12 | 12 | 0.917 | 12 | 0.917 | 6  | 0.417 | 8 | 0.583 | 2.833  | 0.708 | 0.084 | 0.059 | 0.941 | 12 |
| S13 | 6  | 0.417 | 3  | 0.167 | 3  | 0.167 | 3 | 0.167 | 0.917  | 0.229 | 0.027 | 0.006 | 0.994 | 1  |
| S14 | 7  | 0.500 | 1  | 0.000 | 2  | 0.083 | 7 | 0.500 | 1.083  | 0.271 | 0.032 | 0.009 | 0.991 | 2  |
| S15 | 9  | 0.667 | 11 | 0.833 | 11 | 0.833 | 4 | 0.250 | 2.583  | 0.646 | 0.077 | 0.049 | 0.951 | 11 |
| S   |    |       |    |       |    |       |   |       | 33.750 |       |       |       |       |    |

Table A1.1.15 Prioritization of Sectors for MANIPUR based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled<br>(Feature Score) | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|-------------------------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              |                                     |         |          |                     |                  |
| M1                | 15         | 1.000        | 15         | 1.000        | 11             | 0.667            | 15          | 1.000         | 3.667        | 0.917                               | 0.053   | 0.049    | 0.951               | 17               |
| M2                | 13         | 0.857        | 13         | 0.857        | 9              | 0.533            | 1           | 0.000         | 2.248        | 0.562                               | 0.032   | 0.018    | 0.982               | 10               |
| M3                | 12         | 0.786        | 12         | 0.786        | 14             | 0.867            | 7           | 0.429         | 2.867        | 0.717                               | 0.041   | 0.030    | 0.970               | 12               |
| M4                | 14         | 0.929        | 14         | 0.929        | 4              | 0.200            | 14          | 0.929         | 2.986        | 0.746                               | 0.043   | 0.032    | 0.968               | 14               |
| M5                | 5          | 0.286        | 4          | 0.214        | 3              | 0.133            | 6           | 0.357         | 0.990        | 0.248                               | 0.014   | 0.004    | 0.996               | 2                |
| M6                | 8          | 0.500        | 8          | 0.500        | 7              | 0.400            | 3           | 0.143         | 1.543        | 0.386                               | 0.022   | 0.009    | 0.991               | 5                |
| M7                | 15         | 1.000        | 15         | 1.000        | 14             | 0.867            | 15          | 1.000         | 3.867        | 0.967                               | 0.056   | 0.054    | 0.946               | 18               |
| M8                | 10         | 0.643        | 11         | 0.714        | 8              | 0.467            | 5           | 0.286         | 2.110        | 0.527                               | 0.030   | 0.016    | 0.984               | 9                |
| M9                | 15         | 1.000        | 15         | 1.000        | 4              | 0.200            | 15          | 1.000         | 3.200        | 0.800                               | 0.046   | 0.037    | 0.963               | 16               |
| M10               | 15         | 1.000        | 15         | 1.000        | 16             | 1.000            | 15          | 1.000         | 4.000        | 1.000                               | 0.058   | 0.058    | 0.942               | 19               |
| M11               | 15         | 1.000        | 15         | 1.000        | 16             | 1.000            | 15          | 1.000         | 4.000        | 1.000                               | 0.058   | 0.058    | 0.942               | 19               |
| M12               | 2          | 0.071        | 1          | 0.000        | 1              | 0.000            | 10          | 0.643         | 0.714        | 0.179                               | 0.010   | 0.002    | 0.998               | 1                |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M13 | 15 | 1.000 | 15 | 1.000 | 2  | 0.067 | 15 | 1.000 | 3.067  | 0.767 | 0.044 | 0.034 | 0.966 | 15 |
| M14 | 3  | 0.143 | 3  | 0.143 | 12 | 0.733 | 8  | 0.500 | 1.519  | 0.380 | 0.022 | 0.008 | 0.992 | 4  |
| M15 | 1  | 0.000 | 2  | 0.071 | 6  | 0.333 | 13 | 0.857 | 1.262  | 0.315 | 0.018 | 0.006 | 0.994 | 3  |
| M16 | 9  | 0.571 | 9  | 0.571 | 16 | 1.000 | 12 | 0.786 | 2.929  | 0.732 | 0.042 | 0.031 | 0.969 | 13 |
| M17 | 6  | 0.357 | 7  | 0.429 | 12 | 0.733 | 4  | 0.214 | 1.733  | 0.433 | 0.025 | 0.011 | 0.989 | 6  |
| M18 | 15 | 1.000 | 15 | 1.000 | 16 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.058 | 0.058 | 0.942 | 19 |
| M19 | 15 | 1.000 | 15 | 1.000 | 16 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.058 | 0.058 | 0.942 | 19 |
| M20 | 15 | 1.000 | 15 | 1.000 | 16 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.058 | 0.058 | 0.942 | 19 |
| M21 | 15 | 1.000 | 15 | 1.000 | 16 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.058 | 0.058 | 0.942 | 19 |
| M22 | 15 | 1.000 | 15 | 1.000 | 16 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.058 | 0.058 | 0.942 | 19 |
| M23 | 7  | 0.429 | 6  | 0.357 | 16 | 1.000 | 2  | 0.071 | 1.857  | 0.464 | 0.027 | 0.012 | 0.988 | 7  |
| M24 | 11 | 0.714 | 10 | 0.643 | 9  | 0.533 | 11 | 0.714 | 2.605  | 0.651 | 0.038 | 0.024 | 0.976 | 11 |
| M25 | 4  | 0.214 | 5  | 0.286 | 16 | 1.000 | 9  | 0.571 | 2.071  | 0.518 | 0.030 | 0.015 | 0.985 | 8  |
| M   |    |       |    |       |    |       |    |       | 69.233 |       |       |       |       |    |
| T1  | 3  | 0.667 | 1  | 0.000 | 3  | 1.000 | 2  | 0.333 | 2.000  | 0.500 | 0.235 | 0.118 | 0.882 | 3  |
| T2  | 4  | 1.000 | 4  | 1.000 | 3  | 1.000 | 4  | 1.000 | 4.000  | 1.000 | 0.471 | 0.471 | 0.529 | 4  |
| T3  | 1  | 0.000 | 2  | 0.333 | 2  | 0.500 | 3  | 0.667 | 1.500  | 0.375 | 0.176 | 0.066 | 0.934 | 2  |
| T4  | 2  | 0.333 | 3  | 0.667 | 1  | 0.000 | 1  | 0.000 | 1.000  | 0.250 | 0.118 | 0.029 | 0.971 | 1  |
| T   |    |       |    |       |    |       |    |       | 8.500  |       |       |       |       |    |
| S1  | 5  | 0.444 | 4  | 0.333 | 4  | 0.300 | 7  | 0.667 | 1.744  | 0.436 | 0.045 | 0.020 | 0.980 | 4  |
| S2  | 9  | 0.889 | 9  | 0.889 | 5  | 0.400 | 4  | 0.333 | 2.511  | 0.628 | 0.065 | 0.041 | 0.959 | 8  |
| S3  | 3  | 0.222 | 7  | 0.667 | 11 | 1.000 | 2  | 0.111 | 2.000  | 0.500 | 0.052 | 0.026 | 0.974 | 6  |
| S4  | 10 | 1.000 | 10 | 1.000 | 3  | 0.200 | 10 | 1.000 | 3.200  | 0.800 | 0.083 | 0.066 | 0.934 | 11 |
| S5  | 10 | 1.000 | 10 | 1.000 | 11 | 1.000 | 10 | 1.000 | 4.000  | 1.000 | 0.104 | 0.104 | 0.896 | 12 |
| S6  | 10 | 1.000 | 10 | 1.000 | 11 | 1.000 | 10 | 1.000 | 4.000  | 1.000 | 0.104 | 0.104 | 0.896 | 12 |
| S7  | 6  | 0.556 | 2  | 0.111 | 6  | 0.500 | 5  | 0.444 | 1.611  | 0.403 | 0.042 | 0.017 | 0.983 | 3  |
| S8  | 10 | 1.000 | 10 | 1.000 | 1  | 0.000 | 10 | 1.000 | 3.000  | 0.750 | 0.078 | 0.058 | 0.942 | 10 |
| S9  | 10 | 1.000 | 10 | 1.000 | 11 | 1.000 | 10 | 1.000 | 4.000  | 1.000 | 0.104 | 0.104 | 0.896 | 12 |
| S10 | 10 | 1.000 | 10 | 1.000 | 11 | 1.000 | 10 | 1.000 | 4.000  | 1.000 | 0.104 | 0.104 | 0.896 | 12 |
| S11 | 2  | 0.111 | 5  | 0.444 | 6  | 0.500 | 9  | 0.889 | 1.944  | 0.486 | 0.051 | 0.025 | 0.975 | 5  |
| S12 | 4  | 0.333 | 6  | 0.556 | 6  | 0.500 | 8  | 0.778 | 2.167  | 0.542 | 0.056 | 0.030 | 0.970 | 7  |
| S13 | 7  | 0.667 | 3  | 0.222 | 2  | 0.100 | 3  | 0.222 | 1.211  | 0.303 | 0.031 | 0.010 | 0.990 | 2  |
| S14 | 1  | 0.000 | 1  | 0.000 | 6  | 0.500 | 1  | 0.000 | 0.500  | 0.125 | 0.013 | 0.002 | 0.998 | 1  |
| S15 | 8  | 0.778 | 8  | 0.778 | 6  | 0.500 | 6  | 0.556 | 2.611  | 0.653 | 0.068 | 0.044 | 0.956 | 9  |
| S   |    |       |    |       |    |       |    |       | 38.500 |       |       |       |       |    |

Table A1.1.16 Prioritization of Sectors for MIZORAM based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker Rank | Worker-Scaled | Total Scaled | Avg Total Scaled (Feature Score) | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|----------------------------------|---------|----------|---------------------|------------------|
| M1                | 21         | 1.000        | 21         | 1.000        | 1              | 0.000            | 21          | 1.000         | 3.000        | 0.750                            | 0.053   | 0.040    | 0.960               | 20               |
| M2                | 4          | 0.150        | 7          | 0.300        | 13             | 0.571            | 1           | 0.000         | 1.021        | 0.255                            | 0.018   | 0.005    | 0.995               | 1                |
| M3                | 13         | 0.600        | 17         | 0.800        | 16             | 0.714            | 4           | 0.150         | 2.264        | 0.566                            | 0.040   | 0.023    | 0.977               | 15               |
| M4                | 20         | 0.950        | 20         | 0.950        | 4              | 0.143            | 10          | 0.450         | 2.493        | 0.623                            | 0.044   | 0.027    | 0.973               | 18               |
| M5                | 19         | 0.900        | 19         | 0.900        | 5              | 0.190            | 7           | 0.300         | 2.290        | 0.573                            | 0.040   | 0.023    | 0.977               | 16               |
| M6                | 12         | 0.550        | 16         | 0.750        | 9              | 0.381            | 6           | 0.250         | 1.931        | 0.483                            | 0.034   | 0.016    | 0.984               | 10               |
| M7                | 21         | 1.000        | 21         | 1.000        | 13             | 0.571            | 21          | 1.000         | 3.571        | 0.893                            | 0.063   | 0.056    | 0.944               | 23               |
| M8                | 17         | 0.800        | 15         | 0.700        | 11             | 0.476            | 2           | 0.050         | 2.026        | 0.507                            | 0.036   | 0.018    | 0.982               | 12               |
| M9                | 21         | 1.000        | 21         | 1.000        | 16             | 0.714            | 21          | 1.000         | 3.714        | 0.929                            | 0.065   | 0.061    | 0.939               | 24               |
| M10               | 6          | 0.250        | 5          | 0.200        | 10             | 0.429            | 12          | 0.550         | 1.429        | 0.357                            | 0.025   | 0.009    | 0.991               | 3                |
| M11               | 18         | 0.850        | 12         | 0.550        | 19             | 0.857            | 16          | 0.750         | 3.007        | 0.752                            | 0.053   | 0.040    | 0.960               | 21               |
| M12               | 14         | 0.650        | 8          | 0.350        | 5              | 0.190            | 13          | 0.600         | 1.790        | 0.448                            | 0.031   | 0.014    | 0.986               | 8                |
| M13               | 9          | 0.400        | 3          | 0.100        | 22             | 1.000            | 18          | 0.850         | 2.350        | 0.588                            | 0.041   | 0.024    | 0.976               | 17               |
| M14               | 16         | 0.750        | 18         | 0.850        | 3              | 0.095            | 11          | 0.500         | 2.195        | 0.549                            | 0.039   | 0.021    | 0.979               | 13               |
| M15               | 15         | 0.700        | 13         | 0.600        | 2              | 0.048            | 5           | 0.200         | 1.548        | 0.387                            | 0.027   | 0.011    | 0.989               | 4                |
| M16               | 2          | 0.050        | 6          | 0.250        | 11             | 0.476            | 19          | 0.900         | 1.676        | 0.419                            | 0.029   | 0.012    | 0.988               | 6                |
| M17               | 7          | 0.300        | 4          | 0.150        | 16             | 0.714            | 9           | 0.400         | 1.564        | 0.391                            | 0.028   | 0.011    | 0.989               | 5                |
| M18               | 21         | 1.000        | 21         | 1.000        | 7              | 0.286            | 21          | 1.000         | 3.286        | 0.821                            | 0.058   | 0.047    | 0.953               | 22               |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M19 | 11 | 0.500 | 11 | 0.500 | 13 | 0.571 | 14 | 0.650 | 2.221  | 0.555 | 0.039 | 0.022 | 0.978 | 14 |
| M20 | 3  | 0.100 | 2  | 0.050 | 19 | 0.857 | 17 | 0.800 | 1.807  | 0.452 | 0.032 | 0.014 | 0.986 | 9  |
| M21 | 1  | 0.000 | 1  | 0.000 | 22 | 1.000 | 15 | 0.700 | 1.700  | 0.425 | 0.030 | 0.013 | 0.987 | 7  |
| M22 | 21 | 1.000 | 21 | 1.000 | 22 | 1.000 | 21 | 1.000 | 4.000  | 1.000 | 0.070 | 0.070 | 0.930 | 25 |
| M23 | 10 | 0.450 | 9  | 0.400 | 22 | 1.000 | 3  | 0.100 | 1.950  | 0.488 | 0.034 | 0.017 | 0.983 | 11 |
| M24 | 5  | 0.200 | 10 | 0.450 | 7  | 0.286 | 8  | 0.350 | 1.286  | 0.321 | 0.023 | 0.007 | 0.993 | 2  |
| M25 | 8  | 0.350 | 14 | 0.650 | 19 | 0.857 | 19 | 0.900 | 2.757  | 0.689 | 0.048 | 0.033 | 0.967 | 19 |
| M   |    |       |    |       |    |       |    |       | 56.879 |       |       |       |       |    |
| T1  | 1  | 0.000 | 1  | 0.000 | 3  | 1.000 | 3  | 0.667 | 1.667  | 0.417 | 0.196 | 0.082 | 0.918 | 2  |
| T2  | 3  | 0.667 | 4  | 1.000 | 3  | 1.000 | 4  | 1.000 | 3.667  | 0.917 | 0.431 | 0.395 | 0.605 | 4  |
| T3  | 4  | 1.000 | 2  | 0.333 | 2  | 0.500 | 2  | 0.333 | 2.167  | 0.542 | 0.255 | 0.138 | 0.862 | 3  |
| T4  | 2  | 0.333 | 3  | 0.667 | 1  | 0.000 | 1  | 0.000 | 1.000  | 0.250 | 0.118 | 0.029 | 0.971 | 1  |
| T   |    |       |    |       |    |       |    |       | 8.500  |       |       |       |       |    |
| S1  | 7  | 0.500 | 1  | 0.000 | 3  | 0.182 | 12 | 0.917 | 1.598  | 0.400 | 0.047 | 0.019 | 0.981 | 5  |
| S2  | 8  | 0.583 | 8  | 0.583 | 7  | 0.545 | 5  | 0.333 | 2.045  | 0.511 | 0.060 | 0.031 | 0.969 | 7  |
| S3  | 2  | 0.083 | 5  | 0.333 | 12 | 1.000 | 1  | 0.000 | 1.417  | 0.354 | 0.042 | 0.015 | 0.985 | 4  |
| S4  | 13 | 1.000 | 13 | 1.000 | 12 | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.117 | 0.117 | 0.883 | 14 |
| S5  | 13 | 1.000 | 13 | 1.000 | 12 | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.117 | 0.117 | 0.883 | 14 |
| S6  | 13 | 1.000 | 13 | 1.000 | 5  | 0.364 | 13 | 1.000 | 3.364  | 0.841 | 0.099 | 0.083 | 0.917 | 13 |
| S7  | 10 | 0.750 | 10 | 0.750 | 11 | 0.909 | 11 | 0.833 | 3.242  | 0.811 | 0.095 | 0.077 | 0.923 | 12 |
| S8  | 11 | 0.833 | 11 | 0.833 | 3  | 0.182 | 7  | 0.500 | 2.348  | 0.587 | 0.069 | 0.040 | 0.960 | 10 |
| S9  | 3  | 0.167 | 7  | 0.500 | 9  | 0.727 | 10 | 0.750 | 2.144  | 0.536 | 0.063 | 0.034 | 0.966 | 9  |
| S10 | 12 | 0.917 | 12 | 0.917 | 12 | 1.000 | 2  | 0.083 | 2.917  | 0.729 | 0.085 | 0.062 | 0.938 | 11 |
| S11 | 1  | 0.000 | 3  | 0.167 | 5  | 0.364 | 8  | 0.583 | 1.114  | 0.278 | 0.033 | 0.009 | 0.991 | 3  |
| S12 | 4  | 0.250 | 6  | 0.417 | 8  | 0.636 | 9  | 0.667 | 1.970  | 0.492 | 0.058 | 0.028 | 0.972 | 6  |
| S13 | 9  | 0.667 | 4  | 0.250 | 1  | 0.000 | 3  | 0.167 | 1.083  | 0.271 | 0.032 | 0.009 | 0.991 | 2  |
| S14 | 5  | 0.333 | 2  | 0.083 | 1  | 0.000 | 6  | 0.417 | 0.833  | 0.208 | 0.024 | 0.005 | 0.995 | 1  |
| S15 | 6  | 0.417 | 9  | 0.667 | 9  | 0.727 | 4  | 0.250 | 2.061  | 0.515 | 0.060 | 0.031 | 0.969 | 8  |
| S   |    |       |    |       |    |       |    |       | 34.136 |       |       |       |       |    |

Table A1.1.17 Prioritization of Sectors for TRIPURA based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 16         | 1.000        | 16         | 1.000        | 12             | 1.000            | 16          | 1.000         | 4.000        | 1.000            | 0.057   | 0.057    | 0.943               | 17               |
| M2                | 12         | 0.733        | 11         | 0.667        | 6              | 0.455            | 7           | 0.400         | 2.255        | 0.564            | 0.032   | 0.018    | 0.982               | 10               |
| M3                | 15         | 0.933        | 15         | 0.933        | 4              | 0.273            | 1           | 0.000         | 2.139        | 0.535            | 0.031   | 0.016    | 0.984               | 9                |
| M4                | 16         | 1.000        | 16         | 1.000        | 5              | 0.364            | 16          | 1.000         | 3.364        | 0.841            | 0.048   | 0.041    | 0.959               | 16               |
| M5                | 4          | 0.200        | 9          | 0.533        | 3              | 0.182            | 6           | 0.333         | 1.248        | 0.312            | 0.018   | 0.006    | 0.994               | 3                |
| M6                | 11         | 0.667        | 10         | 0.600        | 6              | 0.455            | 4           | 0.200         | 1.921        | 0.480            | 0.028   | 0.013    | 0.987               | 7                |
| M7                | 8          | 0.467        | 13         | 0.800        | 12             | 1.000            | 13          | 0.800         | 3.067        | 0.767            | 0.044   | 0.034    | 0.966               | 14               |
| M8                | 14         | 0.867        | 14         | 0.867        | 12             | 1.000            | 2           | 0.067         | 2.800        | 0.700            | 0.040   | 0.028    | 0.972               | 13               |
| M9                | 13         | 0.800        | 3          | 0.133        | 12             | 1.000            | 9           | 0.533         | 2.467        | 0.617            | 0.035   | 0.022    | 0.978               | 11               |
| M10               | 6          | 0.333        | 4          | 0.200        | 8              | 0.636            | 14          | 0.867         | 2.036        | 0.509            | 0.029   | 0.015    | 0.985               | 8                |
| M11               | 16         | 1.000        | 16         | 1.000        | 12             | 1.000            | 16          | 1.000         | 4.000        | 1.000            | 0.057   | 0.057    | 0.943               | 17               |
| M12               | 16         | 1.000        | 16         | 1.000        | 12             | 1.000            | 16          | 1.000         | 4.000        | 1.000            | 0.057   | 0.057    | 0.943               | 17               |
| M13               | 10         | 0.600        | 12         | 0.733        | 12             | 1.000            | 12          | 0.733         | 3.067        | 0.767            | 0.044   | 0.034    | 0.966               | 14               |
| M14               | 1          | 0.000        | 2          | 0.067        | 2              | 0.091            | 11          | 0.667         | 0.824        | 0.206            | 0.012   | 0.002    | 0.998               | 2                |
| M15               | 5          | 0.267        | 1          | 0.000        | 1              | 0.000            | 5           | 0.267         | 0.533        | 0.133            | 0.008   | 0.001    | 0.999               | 1                |
| M16               | 16         | 1.000        | 16         | 1.000        | 12             | 1.000            | 16          | 1.000         | 4.000        | 1.000            | 0.057   | 0.057    | 0.943               | 17               |
| M17               | 3          | 0.133        | 7          | 0.400        | 10             | 0.818            | 8           | 0.467         | 1.818        | 0.455            | 0.026   | 0.012    | 0.988               | 5                |
| M18               | 16         | 1.000        | 16         | 1.000        | 12             | 1.000            | 16          | 1.000         | 4.000        | 1.000            | 0.057   | 0.057    | 0.943               | 17               |
| M19               | 16         | 1.000        | 16         | 1.000        | 12             | 1.000            | 16          | 1.000         | 4.000        | 1.000            | 0.057   | 0.057    | 0.943               | 17               |
| M20               | 16         | 1.000        | 16         | 1.000        | 12             | 1.000            | 16          | 1.000         | 4.000        | 1.000            | 0.057   | 0.057    | 0.943               | 17               |
| M21               | 9          | 0.533        | 8          | 0.467        | 12             | 1.000            | 10          | 0.600         | 2.600        | 0.650            | 0.037   | 0.024    | 0.976               | 12               |
| M22               | 16         | 1.000        | 16         | 1.000        | 12             | 1.000            | 16          | 1.000         | 4.000        | 1.000            | 0.057   | 0.057    | 0.943               | 17               |
| M23               | 7          | 0.400        | 6          | 0.333        | 10             | 0.818            | 3           | 0.133         | 1.685        | 0.421            | 0.024   | 0.010    | 0.990               | 4                |
| M24               | 2          | 0.067        | 5          | 0.267        | 8              | 0.636            | 15          | 0.933         | 1.903        | 0.476            | 0.027   | 0.013    | 0.987               | 6                |
| M25               | 16         | 1.000        | 16         | 1.000        | 12             | 1.000            | 16          | 1.000         | 4.000        | 1.000            | 0.057   | 0.057    | 0.943               | 17               |

|     |    |       |    |       |   |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|---|-------|----|-------|--------|-------|-------|-------|-------|----|
| M   |    |       |    |       |   |       |    |       | 69.727 |       |       |       |       |    |
| T1  | 1  | 0.000 | 1  | 0.000 | 3 | 1.000 | 3  | 0.667 | 1.667  | 0.417 | 0.196 | 0.082 | 0.918 | 2  |
| T2  | 3  | 0.667 | 4  | 1.000 | 3 | 1.000 | 4  | 1.000 | 3.667  | 0.917 | 0.431 | 0.395 | 0.605 | 4  |
| T3  | 2  | 0.333 | 2  | 0.333 | 2 | 0.500 | 2  | 0.333 | 1.500  | 0.375 | 0.176 | 0.066 | 0.934 | 1  |
| T4  | 4  | 1.000 | 3  | 0.667 | 1 | 0.000 | 1  | 0.000 | 1.667  | 0.417 | 0.196 | 0.082 | 0.918 | 2  |
| T   |    |       |    |       |   |       |    |       | 8.500  |       |       |       |       |    |
| S1  | 6  | 0.417 | 2  | 0.083 | 7 | 0.750 | 7  | 0.500 | 1.750  | 0.438 | 0.049 | 0.021 | 0.979 | 4  |
| S2  | 12 | 0.917 | 9  | 0.667 | 2 | 0.125 | 1  | 0.000 | 1.708  | 0.427 | 0.048 | 0.020 | 0.980 | 3  |
| S3  | 4  | 0.250 | 5  | 0.333 | 9 | 1.000 | 2  | 0.083 | 1.667  | 0.417 | 0.047 | 0.019 | 0.981 | 1  |
| S4  | 13 | 1.000 | 13 | 1.000 | 9 | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.112 | 0.112 | 0.888 | 13 |
| S5  | 13 | 1.000 | 13 | 1.000 | 9 | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.112 | 0.112 | 0.888 | 13 |
| S6  | 13 | 1.000 | 13 | 1.000 | 9 | 1.000 | 13 | 1.000 | 4.000  | 1.000 | 0.112 | 0.112 | 0.888 | 13 |
| S7  | 8  | 0.583 | 8  | 0.583 | 4 | 0.375 | 6  | 0.417 | 1.958  | 0.490 | 0.055 | 0.027 | 0.973 | 9  |
| S8  | 5  | 0.333 | 4  | 0.250 | 5 | 0.500 | 10 | 0.750 | 1.833  | 0.458 | 0.051 | 0.024 | 0.976 | 5  |
| S9  | 1  | 0.000 | 1  | 0.000 | 9 | 1.000 | 12 | 0.917 | 1.917  | 0.479 | 0.054 | 0.026 | 0.974 | 7  |
| S10 | 3  | 0.167 | 6  | 0.417 | 7 | 0.750 | 8  | 0.583 | 1.917  | 0.479 | 0.054 | 0.026 | 0.974 | 7  |
| S11 | 2  | 0.083 | 3  | 0.167 | 9 | 1.000 | 11 | 0.833 | 2.083  | 0.521 | 0.058 | 0.030 | 0.970 | 10 |
| S12 | 11 | 0.833 | 12 | 0.917 | 5 | 0.500 | 9  | 0.667 | 2.917  | 0.729 | 0.082 | 0.059 | 0.941 | 12 |
| S13 | 10 | 0.750 | 7  | 0.500 | 3 | 0.250 | 3  | 0.167 | 1.667  | 0.417 | 0.047 | 0.019 | 0.981 | 1  |
| S14 | 9  | 0.667 | 11 | 0.833 | 1 | 0.000 | 5  | 0.333 | 1.833  | 0.458 | 0.051 | 0.024 | 0.976 | 5  |
| S15 | 7  | 0.500 | 10 | 0.750 | 9 | 1.000 | 4  | 0.250 | 2.500  | 0.625 | 0.070 | 0.044 | 0.956 | 11 |
| S   |    |       |    |       |   |       |    |       | 35.750 |       |       |       |       |    |

Table A1.1.18 Prioritization of Sectors for MEGHALAYA based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 23         | 1.000        | 23         | 1.000        | 9              | 1.000            | 23          | 1.000         | 4.000        | 1.000            | 0.066   | 0.066    | 0.934               | 23               |
| M2                | 18         | 0.773        | 16         | 0.682        | 5              | 0.500            | 2           | 0.045         | 2.000        | 0.500            | 0.033   | 0.016    | 0.984               | 8                |
| M3                | 22         | 0.955        | 22         | 0.955        | 3              | 0.250            | 5           | 0.182         | 2.341        | 0.585            | 0.038   | 0.023    | 0.977               | 13               |
| M4                | 12         | 0.500        | 8          | 0.318        | 9              | 1.000            | 14          | 0.591         | 2.409        | 0.602            | 0.040   | 0.024    | 0.976               | 14               |
| M5                | 14         | 0.591        | 11         | 0.455        | 2              | 0.125            | 1           | 0.000         | 1.170        | 0.293            | 0.019   | 0.006    | 0.994               | 1                |
| M6                | 16         | 0.682        | 20         | 0.864        | 4              | 0.375            | 6           | 0.227         | 2.148        | 0.537            | 0.035   | 0.019    | 0.981               | 10               |
| M7                | 7          | 0.273        | 6          | 0.227        | 9              | 1.000            | 18          | 0.773         | 2.273        | 0.568            | 0.037   | 0.021    | 0.979               | 12               |
| M8                | 21         | 0.909        | 21         | 0.909        | 6              | 0.625            | 3           | 0.091         | 2.534        | 0.634            | 0.042   | 0.026    | 0.974               | 17               |
| M9                | 23         | 1.000        | 23         | 1.000        | 9              | 1.000            | 23          | 1.000         | 4.000        | 1.000            | 0.066   | 0.066    | 0.934               | 23               |
| M10               | 15         | 0.636        | 9          | 0.364        | 9              | 1.000            | 11          | 0.455         | 2.455        | 0.614            | 0.040   | 0.025    | 0.975               | 16               |
| M11               | 9          | 0.364        | 1          | 0.000        | 9              | 1.000            | 17          | 0.727         | 2.091        | 0.523            | 0.034   | 0.018    | 0.982               | 9                |
| M12               | 4          | 0.136        | 5          | 0.182        | 9              | 1.000            | 13          | 0.545         | 1.864        | 0.466            | 0.031   | 0.014    | 0.986               | 6                |
| M13               | 1          | 0.000        | 4          | 0.136        | 6              | 0.625            | 16          | 0.682         | 1.443        | 0.361            | 0.024   | 0.009    | 0.991               | 3                |
| M14               | 6          | 0.227        | 17         | 0.727        | 9              | 1.000            | 19          | 0.818         | 2.773        | 0.693            | 0.046   | 0.032    | 0.968               | 18               |
| M15               | 19         | 0.818        | 13         | 0.545        | 1              | 0.000            | 10          | 0.409         | 1.773        | 0.443            | 0.029   | 0.013    | 0.987               | 5                |
| M16               | 3          | 0.091        | 3          | 0.091        | 9              | 1.000            | 9           | 0.364         | 1.545        | 0.386            | 0.025   | 0.010    | 0.990               | 4                |
| M17               | 2          | 0.045        | 2          | 0.045        | 9              | 1.000            | 7           | 0.273         | 1.364        | 0.341            | 0.022   | 0.008    | 0.992               | 2                |
| M18               | 13         | 0.545        | 12         | 0.500        | 9              | 1.000            | 21          | 0.909         | 2.955        | 0.739            | 0.049   | 0.036    | 0.964               | 19               |
| M19               | 8          | 0.318        | 19         | 0.818        | 9              | 1.000            | 21          | 0.909         | 3.045        | 0.761            | 0.050   | 0.038    | 0.962               | 21               |
| M20               | 23         | 1.000        | 23         | 1.000        | 9              | 1.000            | 23          | 1.000         | 4.000        | 1.000            | 0.066   | 0.066    | 0.934               | 23               |
| M21               | 10         | 0.409        | 7          | 0.273        | 8              | 0.875            | 20          | 0.864         | 2.420        | 0.605            | 0.040   | 0.024    | 0.976               | 15               |
| M22               | 17         | 0.727        | 14         | 0.591        | 9              | 1.000            | 15          | 0.636         | 2.955        | 0.739            | 0.049   | 0.036    | 0.964               | 19               |
| M23               | 11         | 0.455        | 15         | 0.636        | 9              | 1.000            | 4           | 0.136         | 2.227        | 0.557            | 0.037   | 0.020    | 0.980               | 11               |
| M24               | 5          | 0.182        | 10         | 0.409        | 9              | 1.000            | 8           | 0.318         | 1.909        | 0.477            | 0.031   | 0.015    | 0.985               | 7                |
| M25               | 20         | 0.864        | 18         | 0.773        | 9              | 1.000            | 12          | 0.500         | 3.136        | 0.784            | 0.052   | 0.040    | 0.960               | 22               |
| M                 |            |              |            |              |                |                  |             |               | 60.830       |                  |         |          |                     |                  |
| T1                | 3          | 0.667        | 1          | 0.000        | 4              | 1.000            | 3           | 0.667         | 2.333        | 0.583            | 0.292   | 0.170    | 0.830               | 4                |
| T2                | 1          | 0.000        | 3          | 0.667        | 2              | 0.333            | 4           | 1.000         | 2.000        | 0.500            | 0.250   | 0.125    | 0.875               | 2                |
| T3                | 2          | 0.333        | 2          | 0.333        | 3              | 0.667            | 2           | 0.333         | 1.667        | 0.417            | 0.208   | 0.087    | 0.913               | 1                |
| T4                | 4          | 1.000        | 4          | 1.000        | 1              | 0.000            | 1           | 0.000         | 2.000        | 0.500            | 0.250   | 0.125    | 0.875               | 2                |
| T                 |            |              |            |              |                |                  |             |               | 8.000        |                  |         |          |                     |                  |
| S1                | 1          | 0.000        | 1          | 0.000        | 1              | 0.000            | 13          | 0.857         | 0.857        | 0.214            | 0.028   | 0.006    | 0.994               | 1                |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| S2  | 13 | 0.857 | 9  | 0.571 | 3  | 0.182 | 2  | 0.071 | 1.682  | 0.420 | 0.055 | 0.023 | 0.977 | 3  |
| S3  | 8  | 0.500 | 13 | 0.857 | 8  | 0.636 | 1  | 0.000 | 1.994  | 0.498 | 0.065 | 0.032 | 0.968 | 7  |
| S4  | 11 | 0.714 | 11 | 0.714 | 12 | 1.000 | 9  | 0.571 | 3.000  | 0.750 | 0.098 | 0.073 | 0.927 | 14 |
| S5  | 14 | 0.929 | 8  | 0.500 | 12 | 1.000 | 15 | 1.000 | 3.429  | 0.857 | 0.112 | 0.096 | 0.904 | 15 |
| S6  | 5  | 0.286 | 2  | 0.071 | 12 | 1.000 | 14 | 0.929 | 2.286  | 0.571 | 0.074 | 0.043 | 0.957 | 10 |
| S7  | 9  | 0.571 | 6  | 0.357 | 8  | 0.636 | 10 | 0.643 | 2.208  | 0.552 | 0.072 | 0.040 | 0.960 | 8  |
| S8  | 15 | 1.000 | 15 | 1.000 | 2  | 0.091 | 4  | 0.214 | 2.305  | 0.576 | 0.075 | 0.043 | 0.957 | 13 |
| S9  | 4  | 0.214 | 10 | 0.643 | 12 | 1.000 | 7  | 0.429 | 2.286  | 0.571 | 0.074 | 0.043 | 0.957 | 10 |
| S10 | 6  | 0.357 | 12 | 0.786 | 5  | 0.364 | 12 | 0.786 | 2.292  | 0.573 | 0.075 | 0.043 | 0.957 | 12 |
| S11 | 3  | 0.143 | 4  | 0.214 | 8  | 0.636 | 11 | 0.714 | 1.708  | 0.427 | 0.056 | 0.024 | 0.976 | 4  |
| S12 | 7  | 0.429 | 5  | 0.286 | 8  | 0.636 | 6  | 0.357 | 1.708  | 0.427 | 0.056 | 0.024 | 0.976 | 4  |
| S13 | 10 | 0.643 | 7  | 0.429 | 5  | 0.364 | 5  | 0.286 | 1.721  | 0.430 | 0.056 | 0.024 | 0.976 | 6  |
| S14 | 2  | 0.071 | 3  | 0.143 | 4  | 0.273 | 8  | 0.500 | 0.987  | 0.247 | 0.032 | 0.008 | 0.992 | 2  |
| S15 | 12 | 0.786 | 14 | 0.929 | 5  | 0.364 | 3  | 0.143 | 2.221  | 0.555 | 0.072 | 0.040 | 0.960 | 9  |
| S   |    |       |    |       |    |       |    |       | 30.682 |       |       |       |       |    |

Table A1.1.19 Prioritization of Sectors for ASSAM based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled (Feature Score) | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|----------------------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              |                                  |         |          |                     |                  |
| M1                | 25         | 1.000        | 25         | 1.000        | 7              | 1.000            | 25          | 1.000         | 4.000        | 1.000                            | 0.068   | 0.068    | 0.932               | 25               |
| M2                | 16         | 0.625        | 17         | 0.667        | 6              | 0.833            | 5           | 0.167         | 2.292        | 0.573                            | 0.039   | 0.022    | 0.978               | 13               |
| M3                | 20         | 0.792        | 20         | 0.792        | 3              | 0.333            | 18          | 0.708         | 2.625        | 0.656                            | 0.045   | 0.029    | 0.971               | 20               |



|     |    |       |    |       |   |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|---|-------|----|-------|--------|-------|-------|-------|-------|----|
| M4  | 24 | 0.958 | 24 | 0.958 | 3 | 0.333 | 1  | 0.000 | 2.250  | 0.563 | 0.038 | 0.022 | 0.978 | 11 |
| M5  | 22 | 0.875 | 22 | 0.875 | 1 | 0.000 | 2  | 0.042 | 1.792  | 0.448 | 0.030 | 0.014 | 0.986 | 3  |
| M6  | 18 | 0.708 | 19 | 0.750 | 2 | 0.167 | 3  | 0.083 | 1.708  | 0.427 | 0.029 | 0.012 | 0.988 | 2  |
| M7  | 17 | 0.667 | 13 | 0.500 | 7 | 1.000 | 12 | 0.458 | 2.625  | 0.656 | 0.045 | 0.029 | 0.971 | 20 |
| M8  | 23 | 0.917 | 23 | 0.917 | 7 | 1.000 | 6  | 0.208 | 3.042  | 0.760 | 0.052 | 0.039 | 0.961 | 23 |
| M9  | 21 | 0.833 | 21 | 0.833 | 7 | 1.000 | 11 | 0.417 | 3.083  | 0.771 | 0.052 | 0.040 | 0.960 | 24 |
| M10 | 6  | 0.208 | 10 | 0.375 | 7 | 1.000 | 13 | 0.500 | 2.083  | 0.521 | 0.035 | 0.018 | 0.982 | 9  |
| M11 | 10 | 0.375 | 7  | 0.250 | 7 | 1.000 | 22 | 0.875 | 2.500  | 0.625 | 0.042 | 0.027 | 0.973 | 17 |
| M12 | 15 | 0.583 | 15 | 0.583 | 7 | 1.000 | 10 | 0.375 | 2.542  | 0.635 | 0.043 | 0.027 | 0.973 | 18 |
| M13 | 1  | 0.000 | 1  | 0.000 | 7 | 1.000 | 24 | 0.958 | 1.958  | 0.490 | 0.033 | 0.016 | 0.984 | 5  |
| M14 | 5  | 0.167 | 8  | 0.292 | 7 | 1.000 | 14 | 0.542 | 2.000  | 0.500 | 0.034 | 0.017 | 0.983 | 7  |
| M15 | 13 | 0.500 | 6  | 0.208 | 7 | 1.000 | 7  | 0.250 | 1.958  | 0.490 | 0.033 | 0.016 | 0.984 | 5  |
| M16 | 7  | 0.250 | 9  | 0.333 | 7 | 1.000 | 19 | 0.750 | 2.333  | 0.583 | 0.040 | 0.023 | 0.977 | 14 |
| M17 | 8  | 0.292 | 11 | 0.417 | 7 | 1.000 | 9  | 0.333 | 2.042  | 0.510 | 0.035 | 0.018 | 0.982 | 8  |
| M18 | 14 | 0.542 | 12 | 0.458 | 7 | 1.000 | 20 | 0.792 | 2.792  | 0.698 | 0.047 | 0.033 | 0.967 | 22 |
| M19 | 3  | 0.083 | 3  | 0.083 | 7 | 1.000 | 17 | 0.667 | 1.833  | 0.458 | 0.031 | 0.014 | 0.986 | 4  |
| M20 | 2  | 0.042 | 2  | 0.042 | 7 | 1.000 | 15 | 0.583 | 1.667  | 0.417 | 0.028 | 0.012 | 0.988 | 1  |
| M21 | 4  | 0.125 | 5  | 0.167 | 7 | 1.000 | 21 | 0.833 | 2.125  | 0.531 | 0.036 | 0.019 | 0.981 | 10 |
| M22 | 9  | 0.333 | 4  | 0.125 | 7 | 1.000 | 23 | 0.917 | 2.375  | 0.594 | 0.040 | 0.024 | 0.976 | 15 |
| M23 | 11 | 0.417 | 14 | 0.542 | 7 | 1.000 | 8  | 0.292 | 2.250  | 0.563 | 0.038 | 0.022 | 0.978 | 11 |
| M24 | 19 | 0.750 | 18 | 0.708 | 7 | 1.000 | 4  | 0.125 | 2.583  | 0.646 | 0.044 | 0.028 | 0.972 | 19 |
| M25 | 12 | 0.458 | 16 | 0.625 | 5 | 0.667 | 16 | 0.625 | 2.375  | 0.594 | 0.040 | 0.024 | 0.976 | 15 |
| M   |    |       |    |       |   |       |    |       | 58.833 |       |       |       |       |    |
| T1  | 3  | 0.667 | 3  | 0.667 | 3 | 0.667 | 3  | 0.667 | 2.667  | 0.667 | 0.333 | 0.222 | 0.778 | 4  |
| T2  | 1  | 0.000 | 2  | 0.333 | 4 | 1.000 | 4  | 1.000 | 2.333  | 0.583 | 0.292 | 0.170 | 0.830 | 3  |
| T3  | 2  | 0.333 | 1  | 0.000 | 2 | 0.333 | 2  | 0.333 | 1.000  | 0.250 | 0.125 | 0.031 | 0.969 | 1  |
| T4  | 4  | 1.000 | 4  | 1.000 | 1 | 0.000 | 1  | 0.000 | 2.000  | 0.500 | 0.250 | 0.125 | 0.875 | 2  |
| T   |    |       |    |       |   |       |    |       | 8.000  |       |       |       |       |    |
| S1  | 5  | 0.286 | 2  | 0.071 | 4 | 0.375 | 13 | 0.857 | 1.589  | 0.397 | 0.048 | 0.019 | 0.981 | 4  |
| S2  | 10 | 0.643 | 8  | 0.500 | 4 | 0.375 | 3  | 0.143 | 1.661  | 0.415 | 0.051 | 0.021 | 0.979 | 5  |
| S3  | 7  | 0.429 | 13 | 0.857 | 8 | 0.875 | 1  | 0.000 | 2.161  | 0.540 | 0.066 | 0.036 | 0.964 | 8  |
| S4  | 9  | 0.571 | 11 | 0.714 | 9 | 1.000 | 15 | 1.000 | 3.286  | 0.821 | 0.100 | 0.082 | 0.918 | 13 |
| S5  | 14 | 0.929 | 9  | 0.571 | 9 | 1.000 | 14 | 0.929 | 3.429  | 0.857 | 0.104 | 0.089 | 0.911 | 15 |
| S6  | 13 | 0.857 | 10 | 0.643 | 9 | 1.000 | 11 | 0.714 | 3.214  | 0.804 | 0.098 | 0.079 | 0.921 | 12 |
| S7  | 8  | 0.500 | 5  | 0.286 | 3 | 0.250 | 10 | 0.643 | 1.679  | 0.420 | 0.051 | 0.021 | 0.979 | 6  |

|     |    |       |    |       |   |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|---|-------|----|-------|--------|-------|-------|-------|-------|----|
| S8  | 15 | 1.000 | 15 | 1.000 | 9 | 1.000 | 6  | 0.357 | 3.357  | 0.839 | 0.102 | 0.086 | 0.914 | 14 |
| S9  | 4  | 0.214 | 7  | 0.429 | 9 | 1.000 | 9  | 0.571 | 2.214  | 0.554 | 0.067 | 0.037 | 0.963 | 9  |
| S10 | 6  | 0.357 | 6  | 0.357 | 9 | 1.000 | 12 | 0.786 | 2.500  | 0.625 | 0.076 | 0.048 | 0.952 | 10 |
| S11 | 1  | 0.000 | 3  | 0.143 | 6 | 0.625 | 8  | 0.500 | 1.268  | 0.317 | 0.039 | 0.012 | 0.988 | 2  |
| S12 | 2  | 0.071 | 1  | 0.000 | 9 | 1.000 | 4  | 0.214 | 1.286  | 0.321 | 0.039 | 0.013 | 0.987 | 3  |
| S13 | 11 | 0.714 | 12 | 0.786 | 2 | 0.125 | 5  | 0.286 | 1.911  | 0.478 | 0.058 | 0.028 | 0.972 | 7  |
| S14 | 3  | 0.143 | 4  | 0.214 | 1 | 0.000 | 7  | 0.429 | 0.786  | 0.196 | 0.024 | 0.005 | 0.995 | 1  |
| S15 | 12 | 0.786 | 14 | 0.929 | 7 | 0.750 | 2  | 0.071 | 2.536  | 0.634 | 0.077 | 0.049 | 0.951 | 11 |
| S   |    |       |    |       |   |       |    |       | 32.875 |       |       |       |       |    |

Table A1.1.20 Prioritization of Sectors for WEST BENGAL based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled (Feature Score) | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|----------------------------------|---------|----------|---------------------|------------------|
| M1                | 24         | 1.000        | 24         | 1.000        | 9              | 1.000            | 24          | 1.000         | 4.000        | 1.000                            | 0.067   | 0.067    | 0.933               | 24               |
| M2                | 5          | 0.174        | 11         | 0.435        | 7              | 0.750            | 5           | 0.174         | 1.533        | 0.383                            | 0.026   | 0.010    | 0.990               | 4                |
| M3                | 1          | 0.000        | 20         | 0.826        | 3              | 0.250            | 1           | 0.000         | 1.076        | 0.269                            | 0.018   | 0.005    | 0.995               | 3                |
| M4                | 2          | 0.043        | 21         | 0.870        | 9              | 1.000            | 2           | 0.043         | 1.957        | 0.489                            | 0.033   | 0.016    | 0.984               | 8                |
| M5                | 9          | 0.348        | 15         | 0.609        | 4              | 0.375            | 9           | 0.348         | 1.679        | 0.420                            | 0.028   | 0.012    | 0.988               | 6                |
| M6                | 6          | 0.217        | 12         | 0.478        | 6              | 0.625            | 6           | 0.217         | 1.538        | 0.385                            | 0.026   | 0.010    | 0.990               | 5                |
| M7                | 16         | 0.652        | 7          | 0.261        | 5              | 0.500            | 16          | 0.652         | 2.065        | 0.516                            | 0.035   | 0.018    | 0.982               | 10               |
| M8                | 4          | 0.130        | 18         | 0.739        | 9              | 1.000            | 4           | 0.130         | 2.000        | 0.500                            | 0.034   | 0.017    | 0.983               | 9                |
| M9                | 14         | 0.565        | 23         | 0.957        | 9              | 1.000            | 14          | 0.565         | 3.087        | 0.772                            | 0.052   | 0.040    | 0.960               | 20               |

|     |    |       |    |       |   |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|---|-------|----|-------|--------|-------|-------|-------|-------|----|
| M10 | 10 | 0.391 | 3  | 0.087 | 2 | 0.125 | 10 | 0.391 | 0.995  | 0.249 | 0.017 | 0.004 | 0.996 | 2  |
| M11 | 23 | 0.957 | 17 | 0.696 | 9 | 1.000 | 23 | 0.957 | 3.609  | 0.902 | 0.061 | 0.055 | 0.945 | 23 |
| M12 | 21 | 0.870 | 19 | 0.783 | 9 | 1.000 | 21 | 0.870 | 3.522  | 0.880 | 0.059 | 0.052 | 0.948 | 22 |
| M13 | 22 | 0.913 | 5  | 0.174 | 9 | 1.000 | 22 | 0.913 | 3.000  | 0.750 | 0.051 | 0.038 | 0.962 | 19 |
| M14 | 20 | 0.826 | 13 | 0.522 | 9 | 1.000 | 20 | 0.826 | 3.174  | 0.793 | 0.053 | 0.042 | 0.958 | 21 |
| M15 | 3  | 0.087 | 4  | 0.130 | 1 | 0.000 | 3  | 0.087 | 0.304  | 0.076 | 0.005 | 0.000 | 1.000 | 1  |
| M16 | 17 | 0.696 | 2  | 0.043 | 9 | 1.000 | 17 | 0.696 | 2.435  | 0.609 | 0.041 | 0.025 | 0.975 | 14 |
| M17 | 7  | 0.261 | 16 | 0.652 | 9 | 1.000 | 7  | 0.261 | 2.174  | 0.543 | 0.037 | 0.020 | 0.980 | 11 |
| M18 | 19 | 0.783 | 6  | 0.217 | 9 | 1.000 | 19 | 0.783 | 2.783  | 0.696 | 0.047 | 0.033 | 0.967 | 16 |
| M19 | 18 | 0.739 | 9  | 0.348 | 9 | 1.000 | 18 | 0.739 | 2.826  | 0.707 | 0.048 | 0.034 | 0.966 | 17 |
| M20 | 12 | 0.478 | 22 | 0.913 | 9 | 1.000 | 12 | 0.478 | 2.870  | 0.717 | 0.048 | 0.035 | 0.965 | 18 |
| M21 | 15 | 0.609 | 1  | 0.000 | 9 | 1.000 | 15 | 0.609 | 2.217  | 0.554 | 0.037 | 0.021 | 0.979 | 13 |
| M22 | 24 | 1.000 | 24 | 1.000 | 9 | 1.000 | 24 | 1.000 | 4.000  | 1.000 | 0.067 | 0.067 | 0.933 | 24 |
| M23 | 8  | 0.304 | 10 | 0.391 | 7 | 0.750 | 8  | 0.304 | 1.750  | 0.438 | 0.029 | 0.013 | 0.987 | 7  |
| M24 | 11 | 0.435 | 8  | 0.304 | 9 | 1.000 | 11 | 0.435 | 2.174  | 0.543 | 0.037 | 0.020 | 0.980 | 11 |
| M25 | 13 | 0.522 | 14 | 0.565 | 9 | 1.000 | 13 | 0.522 | 2.609  | 0.652 | 0.044 | 0.029 | 0.971 | 15 |
| M   |    |       |    |       |   |       |    |       | 59.375 |       |       |       |       |    |
| T1  | 2  | 0.333 | 3  | 0.667 | 2 | 0.333 | 2  | 0.333 | 1.667  | 0.417 | 0.208 | 0.087 | 0.913 | 2  |
| T2  | 4  | 1.000 | 2  | 0.333 | 4 | 1.000 | 4  | 1.000 | 3.333  | 0.833 | 0.417 | 0.347 | 0.653 | 4  |
| T3  | 3  | 0.667 | 1  | 0.000 | 3 | 0.667 | 3  | 0.667 | 2.000  | 0.500 | 0.250 | 0.125 | 0.875 | 3  |
| T4  | 1  | 0.000 | 4  | 1.000 | 1 | 0.000 | 1  | 0.000 | 1.000  | 0.250 | 0.125 | 0.031 | 0.969 | 1  |
| T   |    |       |    |       |   |       |    |       | 8.000  |       |       |       |       |    |
| S1  | 12 | 0.786 | 1  | 0.000 | 2 | 0.125 | 12 | 0.786 | 1.696  | 0.424 | 0.052 | 0.022 | 0.978 | 4  |
| S2  | 1  | 0.000 | 10 | 0.643 | 5 | 0.500 | 1  | 0.000 | 1.143  | 0.286 | 0.035 | 0.010 | 0.990 | 2  |
| S3  | 3  | 0.143 | 9  | 0.571 | 9 | 1.000 | 3  | 0.143 | 1.857  | 0.464 | 0.056 | 0.026 | 0.974 | 5  |
| S4  | 15 | 1.000 | 15 | 1.000 | 9 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.122 | 0.122 | 0.878 | 15 |
| S5  | 14 | 0.929 | 2  | 0.071 | 9 | 1.000 | 14 | 0.929 | 2.929  | 0.732 | 0.089 | 0.065 | 0.935 | 13 |
| S6  | 11 | 0.714 | 4  | 0.214 | 9 | 1.000 | 11 | 0.714 | 2.643  | 0.661 | 0.080 | 0.053 | 0.947 | 11 |
| S7  | 10 | 0.643 | 12 | 0.786 | 9 | 1.000 | 10 | 0.643 | 3.071  | 0.768 | 0.093 | 0.072 | 0.928 | 14 |
| S8  | 6  | 0.357 | 14 | 0.929 | 4 | 0.375 | 6  | 0.357 | 2.018  | 0.504 | 0.061 | 0.031 | 0.969 | 7  |
| S9  | 8  | 0.500 | 11 | 0.714 | 9 | 1.000 | 8  | 0.500 | 2.714  | 0.679 | 0.083 | 0.056 | 0.944 | 12 |
| S10 | 13 | 0.857 | 3  | 0.143 | 6 | 0.625 | 13 | 0.857 | 2.482  | 0.621 | 0.076 | 0.047 | 0.953 | 10 |
| S11 | 9  | 0.571 | 5  | 0.286 | 6 | 0.625 | 9  | 0.571 | 2.054  | 0.513 | 0.062 | 0.032 | 0.968 | 8  |
| S12 | 7  | 0.429 | 7  | 0.429 | 9 | 1.000 | 7  | 0.429 | 2.286  | 0.571 | 0.070 | 0.040 | 0.960 | 9  |
| S13 | 4  | 0.214 | 8  | 0.500 | 3 | 0.250 | 4  | 0.214 | 1.179  | 0.295 | 0.036 | 0.011 | 0.989 | 3  |

|     |   |       |    |       |   |       |   |       |        |       |       |       |       |   |
|-----|---|-------|----|-------|---|-------|---|-------|--------|-------|-------|-------|-------|---|
| S14 | 5 | 0.286 | 6  | 0.357 | 1 | 0.000 | 5 | 0.286 | 0.929  | 0.232 | 0.028 | 0.007 | 0.993 | 1 |
| S15 | 2 | 0.071 | 13 | 0.857 | 8 | 0.875 | 2 | 0.071 | 1.875  | 0.469 | 0.057 | 0.027 | 0.973 | 6 |
| S   |   |       |    |       |   |       |   |       | 32.875 |       |       |       |       |   |

Table A1.1.21 Prioritization of Sectors for JHARKHAND based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled (Feature Score) | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|----------------------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              |                                  |         |          |                     |                  |
| M1                | 15         | 0.583        | 15         | 0.583        | 15             | 1.000            | 23          | 0.917         | 3.083        | 0.771                            | 0.056   | 0.043    | 0.957               | 25               |
| M2                | 16         | 0.625        | 16         | 0.625        | 11             | 0.714            | 3           | 0.083         | 2.048        | 0.512                            | 0.037   | 0.019    | 0.981               | 9                |
| M3                | 20         | 0.792        | 23         | 0.917        | 6              | 0.357            | 8           | 0.292         | 2.357        | 0.589                            | 0.043   | 0.025    | 0.975               | 18               |
| M4                | 24         | 0.958        | 24         | 0.958        | 5              | 0.286            | 6           | 0.208         | 2.411        | 0.603                            | 0.044   | 0.027    | 0.973               | 19               |
| M5                | 21         | 0.833        | 17         | 0.667        | 4              | 0.214            | 2           | 0.042         | 1.756        | 0.439                            | 0.032   | 0.014    | 0.986               | 4                |
| M6                | 17         | 0.667        | 19         | 0.750        | 8              | 0.500            | 5           | 0.167         | 2.083        | 0.521                            | 0.038   | 0.020    | 0.980               | 10               |
| M7                | 13         | 0.500        | 18         | 0.708        | 15             | 1.000            | 19          | 0.750         | 2.958        | 0.740                            | 0.054   | 0.040    | 0.960               | 24               |
| M8                | 22         | 0.875        | 22         | 0.875        | 6              | 0.357            | 1           | 0.000         | 2.107        | 0.527                            | 0.039   | 0.020    | 0.980               | 14               |
| M9                | 23         | 0.917        | 20         | 0.792        | 3              | 0.143            | 15          | 0.583         | 2.435        | 0.609                            | 0.045   | 0.027    | 0.973               | 20               |
| M10               | 2          | 0.042        | 6          | 0.208        | 15             | 1.000            | 13          | 0.500         | 1.750        | 0.438                            | 0.032   | 0.014    | 0.986               | 3                |
| M11               | 6          | 0.208        | 3          | 0.083        | 15             | 1.000            | 25          | 1.000         | 2.292        | 0.573                            | 0.042   | 0.024    | 0.976               | 16               |
| M12               | 25         | 1.000        | 25         | 1.000        | 2              | 0.071            | 11          | 0.417         | 2.488        | 0.622                            | 0.046   | 0.028    | 0.972               | 21               |
| M13               | 7          | 0.250        | 1          | 0.000        | 1              | 0.000            | 21          | 0.833         | 1.083        | 0.271                            | 0.020   | 0.005    | 0.995               | 1                |
| M14               | 19         | 0.750        | 21         | 0.833        | 12             | 0.786            | 14          | 0.542         | 2.911        | 0.728                            | 0.053   | 0.039    | 0.961               | 23               |
| M15               | 18         | 0.708        | 14         | 0.542        | 8              | 0.500            | 4           | 0.125         | 1.875        | 0.469                            | 0.034   | 0.016    | 0.984               | 5                |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M16 | 3  | 0.083 | 8  | 0.292 | 15 | 1.000 | 24 | 0.958 | 2.333  | 0.583 | 0.043 | 0.025 | 0.975 | 17 |
| M17 | 11 | 0.417 | 10 | 0.375 | 12 | 0.786 | 9  | 0.333 | 1.911  | 0.478 | 0.035 | 0.017 | 0.983 | 6  |
| M18 | 12 | 0.458 | 9  | 0.333 | 15 | 1.000 | 22 | 0.875 | 2.667  | 0.667 | 0.049 | 0.033 | 0.967 | 22 |
| M19 | 5  | 0.167 | 4  | 0.125 | 15 | 1.000 | 20 | 0.792 | 2.083  | 0.521 | 0.038 | 0.020 | 0.980 | 10 |
| M20 | 9  | 0.333 | 7  | 0.250 | 15 | 1.000 | 17 | 0.667 | 2.250  | 0.563 | 0.041 | 0.023 | 0.977 | 15 |
| M21 | 1  | 0.000 | 2  | 0.042 | 15 | 1.000 | 16 | 0.625 | 1.667  | 0.417 | 0.031 | 0.013 | 0.987 | 2  |
| M22 | 4  | 0.125 | 5  | 0.167 | 15 | 1.000 | 18 | 0.708 | 2.000  | 0.500 | 0.037 | 0.018 | 0.982 | 8  |
| M23 | 10 | 0.375 | 12 | 0.458 | 15 | 1.000 | 7  | 0.250 | 2.083  | 0.521 | 0.038 | 0.020 | 0.980 | 10 |
| M24 | 14 | 0.542 | 13 | 0.500 | 8  | 0.500 | 10 | 0.375 | 1.917  | 0.479 | 0.035 | 0.017 | 0.983 | 7  |
| M25 | 8  | 0.292 | 11 | 0.417 | 14 | 0.929 | 12 | 0.458 | 2.095  | 0.524 | 0.038 | 0.020 | 0.980 | 13 |
| M   |    |       |    |       |    |       |    |       | 54.643 |       |       |       |       |    |
| T1  | 1  | 0.000 | 1  | 0.000 | 3  | 0.667 | 3  | 0.667 | 1.333  | 0.333 | 0.167 | 0.056 | 0.944 | 1  |
| T2  | 3  | 0.667 | 3  | 0.667 | 4  | 1.000 | 4  | 1.000 | 3.333  | 0.833 | 0.417 | 0.347 | 0.653 | 4  |
| T3  | 2  | 0.333 | 2  | 0.333 | 2  | 0.333 | 2  | 0.333 | 1.333  | 0.333 | 0.167 | 0.056 | 0.944 | 1  |
| T4  | 4  | 1.000 | 4  | 1.000 | 1  | 0.000 | 1  | 0.000 | 2.000  | 0.500 | 0.250 | 0.125 | 0.875 | 3  |
| T   |    |       |    |       |    |       |    |       | 8.000  |       |       |       |       |    |
| S1  | 2  | 0.071 | 1  | 0.000 | 9  | 1.000 | 12 | 0.786 | 1.857  | 0.464 | 0.057 | 0.027 | 0.973 | 5  |
| S2  | 12 | 0.786 | 9  | 0.571 | 2  | 0.125 | 3  | 0.143 | 1.625  | 0.406 | 0.050 | 0.020 | 0.980 | 3  |
| S3  | 5  | 0.286 | 5  | 0.286 | 9  | 1.000 | 4  | 0.214 | 1.786  | 0.446 | 0.055 | 0.025 | 0.975 | 4  |
| S4  | 13 | 0.857 | 15 | 1.000 | 9  | 1.000 | 14 | 0.929 | 3.786  | 0.946 | 0.116 | 0.110 | 0.890 | 15 |
| S5  | 1  | 0.000 | 2  | 0.071 | 9  | 1.000 | 15 | 1.000 | 2.071  | 0.518 | 0.064 | 0.033 | 0.967 | 7  |
| S6  | 10 | 0.643 | 12 | 0.786 | 9  | 1.000 | 13 | 0.857 | 3.286  | 0.821 | 0.101 | 0.083 | 0.917 | 14 |
| S7  | 8  | 0.500 | 6  | 0.357 | 6  | 0.625 | 9  | 0.571 | 2.054  | 0.513 | 0.063 | 0.032 | 0.968 | 6  |
| S8  | 15 | 1.000 | 14 | 0.929 | 3  | 0.250 | 1  | 0.000 | 2.179  | 0.545 | 0.067 | 0.037 | 0.963 | 9  |
| S9  | 6  | 0.357 | 11 | 0.714 | 6  | 0.625 | 10 | 0.643 | 2.339  | 0.585 | 0.072 | 0.042 | 0.958 | 10 |
| S10 | 7  | 0.429 | 10 | 0.643 | 6  | 0.625 | 11 | 0.714 | 2.411  | 0.603 | 0.074 | 0.045 | 0.955 | 12 |
| S11 | 3  | 0.143 | 8  | 0.500 | 9  | 1.000 | 8  | 0.500 | 2.143  | 0.536 | 0.066 | 0.035 | 0.965 | 8  |
| S12 | 11 | 0.714 | 7  | 0.429 | 9  | 1.000 | 6  | 0.357 | 2.500  | 0.625 | 0.077 | 0.048 | 0.952 | 13 |
| S13 | 9  | 0.571 | 3  | 0.143 | 1  | 0.000 | 5  | 0.286 | 1.000  | 0.250 | 0.031 | 0.008 | 0.992 | 1  |
| S14 | 4  | 0.214 | 4  | 0.214 | 3  | 0.250 | 7  | 0.429 | 1.107  | 0.277 | 0.034 | 0.009 | 0.991 | 2  |
| S15 | 14 | 0.929 | 13 | 0.857 | 5  | 0.500 | 2  | 0.071 | 2.357  | 0.589 | 0.073 | 0.043 | 0.957 | 11 |
| S   |    |       |    |       |    |       |    |       | 32.500 |       |       |       |       |    |

Table A1.1.22 Prioritization of Sectors for ODISHA based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 20         | 1.000        | 20         | 1.000        | 13             | 1.000            | 20          | 1.000         | 4.000        | 1.000            | 0.064   | 0.064    | 0.936               | 22               |
| M2                | 6          | 0.263        | 6          | 0.263        | 7              | 0.500            | 4           | 0.158         | 1.184        | 0.296            | 0.019   | 0.006    | 0.994               | 2                |
| M3                | 14         | 0.684        | 9          | 0.421        | 13             | 1.000            | 11          | 0.526         | 2.632        | 0.658            | 0.042   | 0.028    | 0.972               | 16               |
| M4                | 7          | 0.316        | 3          | 0.105        | 13             | 1.000            | 10          | 0.474         | 1.895        | 0.474            | 0.030   | 0.014    | 0.986               | 10               |
| M5                | 19         | 0.947        | 19         | 0.947        | 4              | 0.250            | 8           | 0.368         | 2.513        | 0.628            | 0.040   | 0.025    | 0.975               | 13               |
| M6                | 12         | 0.579        | 14         | 0.684        | 3              | 0.167            | 2           | 0.053         | 1.482        | 0.371            | 0.024   | 0.009    | 0.991               | 4                |
| M7                | 15         | 0.737        | 17         | 0.842        | 6              | 0.417            | 12          | 0.579         | 2.575        | 0.644            | 0.041   | 0.027    | 0.973               | 14               |
| M8                | 18         | 0.895        | 15         | 0.737        | 7              | 0.500            | 1           | 0.000         | 2.132        | 0.533            | 0.034   | 0.018    | 0.982               | 11               |
| M9                | 4          | 0.158        | 2          | 0.053        | 2              | 0.083            | 15          | 0.737         | 1.031        | 0.258            | 0.017   | 0.004    | 0.996               | 1                |
| M10               | 10         | 0.474        | 10         | 0.474        | 13             | 1.000            | 13          | 0.632         | 2.579        | 0.645            | 0.041   | 0.027    | 0.973               | 15               |
| M11               | 20         | 1.000        | 20         | 1.000        | 13             | 1.000            | 20          | 1.000         | 4.000        | 1.000            | 0.064   | 0.064    | 0.936               | 22               |
| M12               | 20         | 1.000        | 20         | 1.000        | 7              | 0.500            | 20          | 1.000         | 3.500        | 0.875            | 0.056   | 0.049    | 0.951               | 20               |
| M13               | 20         | 1.000        | 20         | 1.000        | 13             | 1.000            | 20          | 1.000         | 4.000        | 1.000            | 0.064   | 0.064    | 0.936               | 22               |
| M14               | 9          | 0.421        | 8          | 0.368        | 13             | 1.000            | 17          | 0.842         | 2.632        | 0.658            | 0.042   | 0.028    | 0.972               | 17               |
| M15               | 16         | 0.789        | 12         | 0.579        | 1              | 0.000            | 3           | 0.105         | 1.474        | 0.368            | 0.024   | 0.009    | 0.991               | 3                |
| M16               | 13         | 0.632        | 18         | 0.895        | 13             | 1.000            | 14          | 0.684         | 3.211        | 0.803            | 0.052   | 0.041    | 0.959               | 19               |
| M17               | 3          | 0.105        | 4          | 0.158        | 13             | 1.000            | 6           | 0.263         | 1.526        | 0.382            | 0.025   | 0.009    | 0.991               | 5                |
| M18               | 5          | 0.211        | 7          | 0.316        | 13             | 1.000            | 18          | 0.895         | 2.421        | 0.605            | 0.039   | 0.024    | 0.976               | 12               |
| M19               | 20         | 1.000        | 20         | 1.000        | 7              | 0.500            | 20          | 1.000         | 3.500        | 0.875            | 0.056   | 0.049    | 0.951               | 20               |
| M20               | 2          | 0.053        | 5          | 0.211        | 7              | 0.500            | 19          | 0.947         | 1.711        | 0.428            | 0.028   | 0.012    | 0.988               | 6                |
| M21               | 20         | 1.000        | 20         | 1.000        | 13             | 1.000            | 20          | 1.000         | 4.000        | 1.000            | 0.064   | 0.064    | 0.936               | 22               |
| M22               | 1          | 0.000        | 1          | 0.000        | 13             | 1.000            | 16          | 0.789         | 1.789        | 0.447            | 0.029   | 0.013    | 0.987               | 8                |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M23 | 8  | 0.368 | 11 | 0.526 | 7  | 0.500 | 7  | 0.316 | 1.711  | 0.428 | 0.028 | 0.012 | 0.988 | 6  |
| M24 | 11 | 0.526 | 13 | 0.632 | 4  | 0.250 | 9  | 0.421 | 1.829  | 0.457 | 0.029 | 0.013 | 0.987 | 9  |
| M25 | 17 | 0.842 | 16 | 0.789 | 13 | 1.000 | 5  | 0.211 | 2.842  | 0.711 | 0.046 | 0.032 | 0.968 | 18 |
| M   |    |       |    |       |    |       |    |       | 62.167 |       |       |       |       |    |
| T1  | 3  | 0.667 | 2  | 0.333 | 3  | 1.000 | 2  | 0.333 | 2.333  | 0.583 | 0.292 | 0.170 | 0.830 | 4  |
| T2  | 2  | 0.333 | 3  | 0.667 | 1  | 0.000 | 4  | 1.000 | 2.000  | 0.500 | 0.250 | 0.125 | 0.875 | 2  |
| T3  | 1  | 0.000 | 1  | 0.000 | 3  | 1.000 | 3  | 0.667 | 1.667  | 0.417 | 0.208 | 0.087 | 0.913 | 1  |
| T4  | 4  | 1.000 | 4  | 1.000 | 1  | 0.000 | 1  | 0.000 | 2.000  | 0.500 | 0.250 | 0.125 | 0.875 | 2  |
| T   |    |       |    |       |    |       |    |       | 8.000  |       |       |       |       |    |
| S1  | 5  | 0.286 | 1  | 0.000 | 4  | 0.375 | 13 | 0.857 | 1.518  | 0.379 | 0.047 | 0.018 | 0.982 | 2  |
| S2  | 11 | 0.714 | 7  | 0.429 | 4  | 0.375 | 2  | 0.071 | 1.589  | 0.397 | 0.049 | 0.019 | 0.981 | 4  |
| S3  | 4  | 0.214 | 5  | 0.286 | 9  | 1.000 | 3  | 0.143 | 1.643  | 0.411 | 0.051 | 0.021 | 0.979 | 6  |
| S4  | 15 | 1.000 | 15 | 1.000 | 9  | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.123 | 0.123 | 0.877 | 15 |
| S5  | 2  | 0.071 | 3  | 0.143 | 9  | 1.000 | 14 | 0.929 | 2.143  | 0.536 | 0.066 | 0.035 | 0.965 | 9  |
| S6  | 13 | 0.857 | 13 | 0.857 | 9  | 1.000 | 11 | 0.714 | 3.429  | 0.857 | 0.105 | 0.090 | 0.910 | 14 |
| S7  | 7  | 0.429 | 8  | 0.500 | 3  | 0.250 | 12 | 0.786 | 1.964  | 0.491 | 0.060 | 0.030 | 0.970 | 8  |
| S8  | 14 | 0.929 | 14 | 0.929 | 2  | 0.125 | 9  | 0.571 | 2.554  | 0.638 | 0.079 | 0.050 | 0.950 | 11 |
| S9  | 8  | 0.500 | 11 | 0.714 | 7  | 0.750 | 10 | 0.643 | 2.607  | 0.652 | 0.080 | 0.052 | 0.948 | 12 |
| S10 | 1  | 0.000 | 2  | 0.071 | 9  | 1.000 | 8  | 0.500 | 1.571  | 0.393 | 0.048 | 0.019 | 0.981 | 3  |
| S11 | 3  | 0.143 | 6  | 0.357 | 9  | 1.000 | 6  | 0.357 | 1.857  | 0.464 | 0.057 | 0.027 | 0.973 | 7  |
| S12 | 10 | 0.643 | 10 | 0.643 | 9  | 1.000 | 7  | 0.429 | 2.714  | 0.679 | 0.084 | 0.057 | 0.943 | 13 |
| S13 | 9  | 0.571 | 4  | 0.214 | 1  | 0.000 | 4  | 0.214 | 1.000  | 0.250 | 0.031 | 0.008 | 0.992 | 1  |
| S14 | 6  | 0.357 | 9  | 0.571 | 4  | 0.375 | 5  | 0.286 | 1.589  | 0.397 | 0.049 | 0.019 | 0.981 | 5  |
| S15 | 12 | 0.786 | 12 | 0.786 | 7  | 0.750 | 1  | 0.000 | 2.321  | 0.580 | 0.071 | 0.041 | 0.959 | 10 |
| S   |    |       |    |       |    |       |    |       | 32.500 |       |       |       |       |    |

Table A1.1.23 Prioritization of Sectors for CHHATTISGARH based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scheduled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|------------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |                  |              | (Feature Score)  |         |          |                     |                  |
| M1                | 19         | 0.750        | 17         | 0.667        | 9              | 0.471            | 24          | 0.958            | 2.846        | 0.711            | 0.055   | 0.039    | 0.961               | 23               |
| M2                | 18         | 0.708        | 16         | 0.625        | 18             | 1.000            | 3           | 0.083            | 2.417        | 0.604            | 0.046   | 0.028    | 0.972               | 21               |
| M3                | 20         | 0.792        | 19         | 0.750        | 2              | 0.059            | 16          | 0.625            | 2.225        | 0.556            | 0.043   | 0.024    | 0.976               | 17               |
| M4                | 24         | 0.958        | 24         | 0.958        | 1              | 0.000            | 1           | 0.000            | 1.917        | 0.479            | 0.037   | 0.018    | 0.982               | 10               |
| M5                | 21         | 0.833        | 20         | 0.792        | 3              | 0.118            | 6           | 0.208            | 1.951        | 0.488            | 0.037   | 0.018    | 0.982               | 11               |
| M6                | 17         | 0.667        | 21         | 0.833        | 15             | 0.824            | 2           | 0.042            | 2.365        | 0.591            | 0.045   | 0.027    | 0.973               | 20               |
| M7                | 13         | 0.500        | 12         | 0.458        | 15             | 0.824            | 11          | 0.417            | 2.199        | 0.550            | 0.042   | 0.023    | 0.977               | 16               |
| M8                | 22         | 0.875        | 22         | 0.875        | 8              | 0.412            | 5           | 0.167            | 2.328        | 0.582            | 0.045   | 0.026    | 0.974               | 19               |
| M9                | 11         | 0.417        | 11         | 0.417        | 9              | 0.471            | 14          | 0.542            | 1.846        | 0.461            | 0.035   | 0.016    | 0.984               | 8                |
| M10               | 8          | 0.292        | 9          | 0.333        | 18             | 1.000            | 12          | 0.458            | 2.083        | 0.521            | 0.040   | 0.021    | 0.979               | 15               |
| M11               | 25         | 1.000        | 25         | 1.000        | 5              | 0.235            | 25          | 1.000            | 3.235        | 0.809            | 0.062   | 0.050    | 0.950               | 24               |
| M12               | 23         | 0.917        | 23         | 0.917        | 18             | 1.000            | 13          | 0.500            | 3.333        | 0.833            | 0.064   | 0.053    | 0.947               | 25               |
| M13               | 10         | 0.375        | 7          | 0.250        | 5              | 0.235            | 21          | 0.833            | 1.694        | 0.423            | 0.032   | 0.014    | 0.986               | 5                |
| M14               | 4          | 0.125        | 4          | 0.125        | 3              | 0.118            | 15          | 0.583            | 0.951        | 0.238            | 0.018   | 0.004    | 0.996               | 1                |
| M15               | 16         | 0.625        | 10         | 0.375        | 9              | 0.471            | 4           | 0.125            | 1.596        | 0.399            | 0.031   | 0.012    | 0.988               | 3                |
| M16               | 2          | 0.042        | 3          | 0.083        | 15             | 0.824            | 18          | 0.708            | 1.657        | 0.414            | 0.032   | 0.013    | 0.987               | 4                |
| M17               | 15         | 0.583        | 15         | 0.583        | 18             | 1.000            | 7           | 0.250            | 2.417        | 0.604            | 0.046   | 0.028    | 0.972               | 21               |
| M18               | 5          | 0.167        | 2          | 0.042        | 18             | 1.000            | 19          | 0.750            | 1.958        | 0.490            | 0.038   | 0.018    | 0.982               | 12               |
| M19               | 6          | 0.208        | 6          | 0.208        | 9              | 0.471            | 23          | 0.917            | 1.804        | 0.451            | 0.035   | 0.016    | 0.984               | 7                |
| M20               | 3          | 0.083        | 8          | 0.292        | 18             | 1.000            | 17          | 0.667            | 2.042        | 0.510            | 0.039   | 0.020    | 0.980               | 14               |
| M21               | 1          | 0.000        | 1          | 0.000        | 18             | 1.000            | 20          | 0.792            | 1.792        | 0.448            | 0.034   | 0.015    | 0.985               | 6                |
| M22               | 7          | 0.250        | 5          | 0.167        | 18             | 1.000            | 22          | 0.875            | 2.292        | 0.573            | 0.044   | 0.025    | 0.975               | 18               |
| M23               | 14         | 0.542        | 18         | 0.708        | 9              | 0.471            | 8           | 0.292            | 2.012        | 0.503            | 0.039   | 0.019    | 0.981               | 13               |
| M24               | 12         | 0.458        | 14         | 0.542        | 9              | 0.471            | 10          | 0.375            | 1.846        | 0.461            | 0.035   | 0.016    | 0.984               | 8                |
| M25               | 9          | 0.333        | 13         | 0.500        | 5              | 0.235            | 9           | 0.333            | 1.402        | 0.350            | 0.027   | 0.009    | 0.991               | 2                |
| M                 |            |              |            |              |                |                  |             |                  | 52.206       |                  |         |          |                     |                  |
| T1                | 3          | 0.667        | 3          | 0.667        | 4              | 1.000            | 2           | 0.333            | 2.667        | 0.667            | 0.381   | 0.254    | 0.746               | 4                |
| T2                | 2          | 0.333        | 2          | 0.333        | 1              | 0.000            | 4           | 1.000            | 1.667        | 0.417            | 0.238   | 0.099    | 0.901               | 2                |
| T3                | 1          | 0.000        | 1          | 0.000        | 1              | 0.000            | 3           | 0.667            | 0.667        | 0.167            | 0.095   | 0.016    | 0.984               | 1                |





|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M1  | 5  | 0.167 | 2  | 0.042 | 6  | 1.000 | 23 | 0.917 | 2.125  | 0.531 | 0.036 | 0.019 | 0.981 | 9  |
| M2  | 20 | 0.792 | 20 | 0.792 | 1  | 0.000 | 4  | 0.125 | 1.708  | 0.427 | 0.029 | 0.012 | 0.988 | 3  |
| M3  | 12 | 0.458 | 10 | 0.375 | 6  | 1.000 | 17 | 0.667 | 2.500  | 0.625 | 0.042 | 0.026 | 0.974 | 16 |
| M4  | 25 | 1.000 | 25 | 1.000 | 6  | 1.000 | 14 | 0.542 | 3.542  | 0.885 | 0.060 | 0.053 | 0.947 | 24 |
| M5  | 8  | 0.292 | 14 | 0.542 | 6  | 1.000 | 1  | 0.000 | 1.833  | 0.458 | 0.031 | 0.014 | 0.986 | 4  |
| M6  | 22 | 0.875 | 23 | 0.917 | 4  | 0.600 | 2  | 0.042 | 2.433  | 0.608 | 0.041 | 0.025 | 0.975 | 15 |
| M7  | 24 | 0.958 | 21 | 0.833 | 6  | 1.000 | 15 | 0.583 | 3.375  | 0.844 | 0.057 | 0.048 | 0.952 | 23 |
| M8  | 23 | 0.917 | 24 | 0.958 | 6  | 1.000 | 7  | 0.250 | 3.125  | 0.781 | 0.053 | 0.041 | 0.959 | 22 |
| M9  | 13 | 0.500 | 8  | 0.292 | 6  | 1.000 | 13 | 0.500 | 2.292  | 0.573 | 0.039 | 0.022 | 0.978 | 12 |
| M10 | 2  | 0.042 | 3  | 0.083 | 2  | 0.200 | 16 | 0.625 | 0.950  | 0.238 | 0.016 | 0.004 | 0.996 | 1  |
| M11 | 1  | 0.000 | 1  | 0.000 | 6  | 1.000 | 24 | 0.958 | 1.958  | 0.490 | 0.033 | 0.016 | 0.984 | 6  |
| M12 | 16 | 0.625 | 17 | 0.667 | 6  | 1.000 | 6  | 0.208 | 2.500  | 0.625 | 0.042 | 0.026 | 0.974 | 16 |
| M13 | 18 | 0.708 | 22 | 0.875 | 6  | 1.000 | 25 | 1.000 | 3.583  | 0.896 | 0.060 | 0.054 | 0.946 | 25 |
| M14 | 21 | 0.833 | 19 | 0.750 | 6  | 1.000 | 5  | 0.167 | 2.750  | 0.688 | 0.046 | 0.032 | 0.968 | 20 |
| M15 | 15 | 0.583 | 11 | 0.417 | 6  | 1.000 | 9  | 0.333 | 2.333  | 0.583 | 0.039 | 0.023 | 0.977 | 13 |
| M16 | 4  | 0.125 | 9  | 0.333 | 6  | 1.000 | 22 | 0.875 | 2.333  | 0.583 | 0.039 | 0.023 | 0.977 | 13 |
| M17 | 6  | 0.208 | 12 | 0.458 | 3  | 0.400 | 8  | 0.292 | 1.358  | 0.340 | 0.023 | 0.008 | 0.992 | 2  |
| M18 | 3  | 0.083 | 7  | 0.250 | 6  | 1.000 | 19 | 0.750 | 2.083  | 0.521 | 0.035 | 0.018 | 0.982 | 8  |
| M19 | 17 | 0.667 | 16 | 0.625 | 6  | 1.000 | 20 | 0.792 | 3.083  | 0.771 | 0.052 | 0.040 | 0.960 | 21 |
| M20 | 10 | 0.375 | 4  | 0.125 | 6  | 1.000 | 12 | 0.458 | 1.958  | 0.490 | 0.033 | 0.016 | 0.984 | 6  |
| M21 | 14 | 0.542 | 5  | 0.167 | 6  | 1.000 | 21 | 0.833 | 2.542  | 0.635 | 0.043 | 0.027 | 0.973 | 19 |
| M22 | 9  | 0.333 | 6  | 0.208 | 6  | 1.000 | 18 | 0.708 | 2.250  | 0.563 | 0.038 | 0.021 | 0.979 | 10 |
| M23 | 11 | 0.417 | 18 | 0.708 | 6  | 1.000 | 10 | 0.375 | 2.500  | 0.625 | 0.042 | 0.026 | 0.974 | 16 |
| M24 | 19 | 0.750 | 13 | 0.500 | 4  | 0.600 | 3  | 0.083 | 1.933  | 0.483 | 0.033 | 0.016 | 0.984 | 5  |
| M25 | 7  | 0.250 | 15 | 0.583 | 6  | 1.000 | 11 | 0.417 | 2.250  | 0.563 | 0.038 | 0.021 | 0.979 | 10 |
| M   |    |       |    |       |    |       |    |       | 59.300 |       |       |       |       |    |
| T1  | 3  | 0.667 | 3  | 0.667 | 1  | 0.000 | 3  | 0.667 | 2.000  | 0.500 | 0.235 | 0.118 | 0.882 | 2  |
| T2  | 1  | 0.000 | 2  | 0.333 | 3  | 1.000 | 4  | 1.000 | 2.333  | 0.583 | 0.275 | 0.160 | 0.840 | 3  |
| T3  | 2  | 0.333 | 1  | 0.000 | 3  | 1.000 | 2  | 0.333 | 1.667  | 0.417 | 0.196 | 0.082 | 0.918 | 1  |
| T4  | 4  | 1.000 | 4  | 1.000 | 2  | 0.500 | 1  | 0.000 | 2.500  | 0.625 | 0.294 | 0.184 | 0.816 | 4  |
| T   |    |       |    |       |    |       |    |       | 8.500  |       |       |       |       |    |
| S1  | 5  | 0.286 | 2  | 0.071 | 3  | 0.222 | 9  | 0.571 | 1.151  | 0.288 | 0.036 | 0.010 | 0.990 | 3  |
| S2  | 12 | 0.786 | 11 | 0.714 | 4  | 0.333 | 3  | 0.143 | 1.976  | 0.494 | 0.061 | 0.030 | 0.970 | 7  |
| S3  | 8  | 0.500 | 12 | 0.786 | 10 | 1.000 | 1  | 0.000 | 2.286  | 0.571 | 0.071 | 0.040 | 0.960 | 9  |
| S4  | 15 | 1.000 | 15 | 1.000 | 10 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.124 | 0.124 | 0.876 | 15 |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| S5  | 1  | 0.000 | 1  | 0.000 | 10 | 1.000 | 14 | 0.929 | 1.929  | 0.482 | 0.060 | 0.029 | 0.971 | 6  |
| S6  | 7  | 0.429 | 6  | 0.357 | 10 | 1.000 | 13 | 0.857 | 2.643  | 0.661 | 0.082 | 0.054 | 0.946 | 13 |
| S7  | 9  | 0.571 | 9  | 0.571 | 9  | 0.889 | 8  | 0.500 | 2.532  | 0.633 | 0.078 | 0.050 | 0.950 | 12 |
| S8  | 14 | 0.929 | 14 | 0.929 | 10 | 1.000 | 10 | 0.643 | 3.500  | 0.875 | 0.108 | 0.095 | 0.905 | 14 |
| S9  | 4  | 0.214 | 8  | 0.500 | 10 | 1.000 | 12 | 0.786 | 2.500  | 0.625 | 0.077 | 0.048 | 0.952 | 11 |
| S10 | 2  | 0.071 | 5  | 0.286 | 5  | 0.444 | 11 | 0.714 | 1.516  | 0.379 | 0.047 | 0.018 | 0.982 | 4  |
| S11 | 6  | 0.357 | 7  | 0.429 | 7  | 0.667 | 7  | 0.429 | 1.881  | 0.470 | 0.058 | 0.027 | 0.973 | 5  |
| S12 | 11 | 0.714 | 10 | 0.643 | 7  | 0.667 | 6  | 0.357 | 2.381  | 0.595 | 0.074 | 0.044 | 0.956 | 10 |
| S13 | 10 | 0.643 | 4  | 0.214 | 1  | 0.000 | 4  | 0.214 | 1.071  | 0.268 | 0.033 | 0.009 | 0.991 | 2  |
| S14 | 3  | 0.143 | 3  | 0.143 | 2  | 0.111 | 5  | 0.286 | 0.683  | 0.171 | 0.021 | 0.004 | 0.996 | 1  |
| S15 | 13 | 0.857 | 13 | 0.857 | 5  | 0.444 | 2  | 0.071 | 2.230  | 0.558 | 0.069 | 0.039 | 0.961 | 8  |
| S   |    |       |    |       |    |       |    |       | 32.278 |       |       |       |       |    |

Table A1.1.25 Prioritization of Sectors for GUJARAT based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 14         | 1.000        | 14         | 1.000        | 1              | 0.000            | 14          | 1.000         | 3.000        | 0.750            | 0.045   | 0.034    | 0.966               | 14               |
| M2                | 8          | 0.538        | 8          | 0.538        | 13             | 0.522            | 4           | 0.231         | 1.829        | 0.457            | 0.028   | 0.013    | 0.987               | 7                |
| M3                | 14         | 1.000        | 14         | 1.000        | 13             | 0.522            | 14          | 1.000         | 3.522        | 0.880            | 0.053   | 0.047    | 0.953               | 20               |
| M4                | 13         | 0.923        | 13         | 0.923        | 9              | 0.348            | 6           | 0.385         | 2.579        | 0.645            | 0.039   | 0.025    | 0.975               | 12               |
| M5                | 11         | 0.769        | 12         | 0.846        | 8              | 0.304            | 3           | 0.154         | 2.074        | 0.518            | 0.031   | 0.016    | 0.984               | 9                |
| M6                | 10         | 0.692        | 9          | 0.615        | 11             | 0.435            | 1           | 0.000         | 1.742        | 0.436            | 0.026   | 0.011    | 0.989               | 6                |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M7  | 14 | 1.000 | 14 | 1.000 | 11 | 0.435 | 14 | 1.000 | 3.435  | 0.859 | 0.052 | 0.045 | 0.955 | 19 |
| M8  | 14 | 1.000 | 14 | 1.000 | 20 | 0.826 | 14 | 1.000 | 3.826  | 0.957 | 0.058 | 0.055 | 0.945 | 23 |
| M9  | 14 | 1.000 | 14 | 1.000 | 5  | 0.174 | 14 | 1.000 | 3.174  | 0.793 | 0.048 | 0.038 | 0.962 | 18 |
| M10 | 1  | 0.000 | 2  | 0.077 | 18 | 0.739 | 9  | 0.615 | 1.431  | 0.358 | 0.022 | 0.008 | 0.992 | 2  |
| M11 | 14 | 1.000 | 14 | 1.000 | 2  | 0.043 | 14 | 1.000 | 3.043  | 0.761 | 0.046 | 0.035 | 0.965 | 15 |
| M12 | 3  | 0.154 | 1  | 0.000 | 7  | 0.261 | 9  | 0.615 | 1.030  | 0.258 | 0.016 | 0.004 | 0.996 | 1  |
| M13 | 14 | 1.000 | 14 | 1.000 | 4  | 0.130 | 14 | 1.000 | 3.130  | 0.783 | 0.047 | 0.037 | 0.963 | 17 |
| M14 | 7  | 0.462 | 3  | 0.154 | 9  | 0.348 | 8  | 0.538 | 1.502  | 0.375 | 0.023 | 0.009 | 0.991 | 3  |
| M15 | 9  | 0.615 | 10 | 0.692 | 5  | 0.174 | 12 | 0.846 | 2.328  | 0.582 | 0.035 | 0.020 | 0.980 | 11 |
| M16 | 14 | 1.000 | 14 | 1.000 | 22 | 0.913 | 14 | 1.000 | 3.913  | 0.978 | 0.059 | 0.058 | 0.942 | 25 |
| M17 | 4  | 0.231 | 4  | 0.231 | 22 | 0.913 | 5  | 0.308 | 1.682  | 0.421 | 0.025 | 0.011 | 0.989 | 4  |
| M18 | 14 | 1.000 | 14 | 1.000 | 13 | 0.522 | 14 | 1.000 | 3.522  | 0.880 | 0.053 | 0.047 | 0.953 | 20 |
| M19 | 12 | 0.846 | 11 | 0.769 | 13 | 0.522 | 11 | 0.769 | 2.906  | 0.727 | 0.044 | 0.032 | 0.968 | 13 |
| M20 | 2  | 0.077 | 7  | 0.462 | 13 | 0.522 | 13 | 0.923 | 1.983  | 0.496 | 0.030 | 0.015 | 0.985 | 8  |
| M21 | 14 | 1.000 | 14 | 1.000 | 3  | 0.087 | 14 | 1.000 | 3.087  | 0.772 | 0.047 | 0.036 | 0.964 | 16 |
| M22 | 14 | 1.000 | 14 | 1.000 | 21 | 0.870 | 14 | 1.000 | 3.870  | 0.967 | 0.058 | 0.056 | 0.944 | 24 |
| M23 | 6  | 0.385 | 6  | 0.385 | 24 | 1.000 | 7  | 0.462 | 2.231  | 0.558 | 0.034 | 0.019 | 0.981 | 10 |
| M24 | 14 | 1.000 | 14 | 1.000 | 18 | 0.739 | 14 | 1.000 | 3.739  | 0.935 | 0.056 | 0.053 | 0.947 | 22 |
| M25 | 5  | 0.308 | 5  | 0.308 | 24 | 1.000 | 2  | 0.077 | 1.692  | 0.423 | 0.026 | 0.011 | 0.989 | 5  |
| M   |    |       |    |       |    |       |    |       | 66.271 |       |       |       |       |    |
| T1  | 3  | 0.667 | 3  | 0.667 | 4  | 1.000 | 3  | 0.667 | 3.000  | 0.750 | 0.391 | 0.293 | 0.707 | 3  |
| T2  | 4  | 1.000 | 4  | 1.000 | 3  | 0.667 | 4  | 1.000 | 3.667  | 0.917 | 0.478 | 0.438 | 0.562 | 4  |
| T3  | 1  | 0.000 | 1  | 0.000 | 1  | 0.000 | 2  | 0.333 | 0.333  | 0.083 | 0.043 | 0.004 | 0.996 | 1  |
| T4  | 2  | 0.333 | 2  | 0.333 | 1  | 0.000 | 1  | 0.000 | 0.667  | 0.167 | 0.087 | 0.014 | 0.986 | 2  |
| T   |    |       |    |       |    |       |    |       | 7.667  |       |       |       |       |    |
| S1  | 4  | 0.273 | 1  | 0.000 | 4  | 0.250 | 2  | 0.091 | 0.614  | 0.153 | 0.018 | 0.003 | 0.997 | 1  |
| S2  | 6  | 0.455 | 3  | 0.182 | 3  | 0.167 | 1  | 0.000 | 0.803  | 0.201 | 0.023 | 0.005 | 0.995 | 2  |
| S3  | 7  | 0.545 | 9  | 0.727 | 13 | 1.000 | 6  | 0.455 | 2.727  | 0.682 | 0.079 | 0.054 | 0.946 | 11 |
| S4  | 12 | 1.000 | 12 | 1.000 | 13 | 1.000 | 12 | 1.000 | 4.000  | 1.000 | 0.116 | 0.116 | 0.884 | 14 |
| S5  | 12 | 1.000 | 12 | 1.000 | 13 | 1.000 | 12 | 1.000 | 4.000  | 1.000 | 0.116 | 0.116 | 0.884 | 14 |
| S6  | 8  | 0.636 | 2  | 0.091 | 8  | 0.583 | 4  | 0.273 | 1.583  | 0.396 | 0.046 | 0.018 | 0.982 | 4  |
| S7  | 11 | 0.909 | 11 | 0.909 | 5  | 0.333 | 7  | 0.545 | 2.697  | 0.674 | 0.078 | 0.053 | 0.947 | 10 |
| S8  | 12 | 1.000 | 12 | 1.000 | 8  | 0.583 | 12 | 1.000 | 3.583  | 0.896 | 0.104 | 0.093 | 0.907 | 12 |
| S9  | 12 | 1.000 | 12 | 1.000 | 8  | 0.583 | 12 | 1.000 | 3.583  | 0.896 | 0.104 | 0.093 | 0.907 | 12 |
| S10 | 1  | 0.000 | 6  | 0.455 | 8  | 0.583 | 11 | 0.909 | 1.947  | 0.487 | 0.056 | 0.027 | 0.973 | 7  |

|     |    |       |    |       |   |       |    |       |        |       |       |       |       |   |
|-----|----|-------|----|-------|---|-------|----|-------|--------|-------|-------|-------|-------|---|
| S11 | 3  | 0.182 | 5  | 0.364 | 8 | 0.583 | 8  | 0.636 | 1.765  | 0.441 | 0.051 | 0.023 | 0.977 | 6 |
| S12 | 5  | 0.364 | 8  | 0.636 | 6 | 0.417 | 10 | 0.818 | 2.235  | 0.559 | 0.065 | 0.036 | 0.964 | 9 |
| S13 | 10 | 0.818 | 7  | 0.545 | 1 | 0.000 | 5  | 0.364 | 1.727  | 0.432 | 0.050 | 0.022 | 0.978 | 5 |
| S14 | 2  | 0.091 | 4  | 0.273 | 2 | 0.083 | 9  | 0.727 | 1.174  | 0.294 | 0.034 | 0.010 | 0.990 | 3 |
| S15 | 9  | 0.727 | 10 | 0.818 | 6 | 0.417 | 3  | 0.182 | 2.144  | 0.536 | 0.062 | 0.033 | 0.967 | 8 |
| S   |    |       |    |       |   |       |    |       | 34.583 |       |       |       |       |   |

Table A1.1.26 Prioritization of Sectors for DAMAN AND DIU based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 15         | 1.000        | 15         | 1.000        | 11             | 1.000            | 15          | 1.000         | 4.000        | 1.000            | 0.056   | 0.056    | 0.944               | 19               |
| M2                | 9          | 0.571        | 10         | 0.643        | 11             | 1.000            | 8           | 0.500         | 2.714        | 0.679            | 0.038   | 0.026    | 0.974               | 11               |
| M3                | 14         | 0.929        | 14         | 0.929        | 7              | 0.600            | 14          | 0.929         | 3.386        | 0.846            | 0.047   | 0.040    | 0.960               | 17               |
| M4                | 15         | 1.000        | 15         | 1.000        | 3              | 0.200            | 15          | 1.000         | 3.200        | 0.800            | 0.045   | 0.036    | 0.964               | 12               |
| M5                | 7          | 0.429        | 9          | 0.571        | 2              | 0.100            | 12          | 0.786         | 1.886        | 0.471            | 0.026   | 0.012    | 0.988               | 5                |
| M6                | 11         | 0.714        | 12         | 0.786        | 8              | 0.700            | 1           | 0.000         | 2.200        | 0.550            | 0.031   | 0.017    | 0.983               | 8                |
| M7                | 12         | 0.786        | 11         | 0.714        | 11             | 1.000            | 13          | 0.857         | 3.357        | 0.839            | 0.047   | 0.039    | 0.961               | 16               |
| M8                | 15         | 1.000        | 15         | 1.000        | 6              | 0.500            | 15          | 1.000         | 3.500        | 0.875            | 0.049   | 0.043    | 0.957               | 18               |
| M9                | 8          | 0.500        | 2          | 0.071        | 11             | 1.000            | 10          | 0.643         | 2.214        | 0.554            | 0.031   | 0.017    | 0.983               | 9                |
| M10               | 3          | 0.143        | 5          | 0.286        | 9              | 0.800            | 6           | 0.357         | 1.586        | 0.396            | 0.022   | 0.009    | 0.991               | 3                |
| M11               | 15         | 1.000        | 15         | 1.000        | 11             | 1.000            | 15          | 1.000         | 4.000        | 1.000            | 0.056   | 0.056    | 0.944               | 19               |
| M12               | 1          | 0.000        | 1          | 0.000        | 1              | 0.000            | 3           | 0.143         | 0.143        | 0.036            | 0.002   | 0.000    | 1.000               | 1                |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M13 | 15 | 1.000 | 15 | 1.000 | 3  | 0.200 | 15 | 1.000 | 3.200  | 0.800 | 0.045 | 0.036 | 0.964 | 12 |
| M14 | 10 | 0.643 | 6  | 0.357 | 11 | 1.000 | 5  | 0.286 | 2.286  | 0.571 | 0.032 | 0.018 | 0.982 | 10 |
| M15 | 15 | 1.000 | 15 | 1.000 | 3  | 0.200 | 15 | 1.000 | 3.200  | 0.800 | 0.045 | 0.036 | 0.964 | 12 |
| M16 | 15 | 1.000 | 15 | 1.000 | 11 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.056 | 0.056 | 0.944 | 19 |
| M17 | 5  | 0.286 | 7  | 0.429 | 11 | 1.000 | 2  | 0.071 | 1.786  | 0.446 | 0.025 | 0.011 | 0.989 | 4  |
| M18 | 15 | 1.000 | 15 | 1.000 | 11 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.056 | 0.056 | 0.944 | 19 |
| M19 | 15 | 1.000 | 15 | 1.000 | 11 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.056 | 0.056 | 0.944 | 19 |
| M20 | 6  | 0.357 | 4  | 0.214 | 11 | 1.000 | 9  | 0.571 | 2.143  | 0.536 | 0.030 | 0.016 | 0.984 | 6  |
| M21 | 15 | 1.000 | 15 | 1.000 | 11 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.056 | 0.056 | 0.944 | 19 |
| M22 | 15 | 1.000 | 15 | 1.000 | 11 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.056 | 0.056 | 0.944 | 19 |
| M23 | 4  | 0.214 | 8  | 0.500 | 11 | 1.000 | 7  | 0.429 | 2.143  | 0.536 | 0.030 | 0.016 | 0.984 | 6  |
| M24 | 13 | 0.857 | 13 | 0.857 | 9  | 0.800 | 11 | 0.714 | 3.229  | 0.807 | 0.045 | 0.036 | 0.964 | 15 |
| M25 | 2  | 0.071 | 3  | 0.143 | 11 | 1.000 | 4  | 0.214 | 1.429  | 0.357 | 0.020 | 0.007 | 0.993 | 2  |
| M   |    |       |    |       |    |       |    |       | 71.600 |       |       |       |       |    |
| T1  | 2  | 0.333 | 2  | 0.333 | 2  | 1.000 | 2  | 0.333 | 2.000  | 0.500 | 0.222 | 0.111 | 0.889 | 2  |
| T2  | 4  | 1.000 | 4  | 1.000 | 2  | 1.000 | 4  | 1.000 | 4.000  | 1.000 | 0.444 | 0.444 | 0.556 | 4  |
| T3  | 1  | 0.000 | 1  | 0.000 | 1  | 0.000 | 3  | 0.667 | 0.667  | 0.167 | 0.074 | 0.012 | 0.988 | 1  |
| T4  | 3  | 0.667 | 3  | 0.667 | 2  | 1.000 | 1  | 0.000 | 2.333  | 0.583 | 0.259 | 0.151 | 0.849 | 3  |
| T   |    |       |    |       |    |       |    |       | 9.000  |       |       |       |       |    |
| S1  | 1  | 0.000 | 1  | 0.000 | 2  | 0.200 | 12 | 0.846 | 1.046  | 0.262 | 0.029 | 0.008 | 0.992 | 2  |
| S2  | 6  | 0.385 | 3  | 0.154 | 3  | 0.400 | 2  | 0.077 | 1.015  | 0.254 | 0.028 | 0.007 | 0.993 | 1  |
| S3  | 5  | 0.308 | 7  | 0.462 | 6  | 1.000 | 1  | 0.000 | 1.769  | 0.442 | 0.049 | 0.022 | 0.978 | 5  |
| S4  | 14 | 1.000 | 14 | 1.000 | 6  | 1.000 | 14 | 1.000 | 4.000  | 1.000 | 0.112 | 0.112 | 0.888 | 14 |
| S5  | 14 | 1.000 | 14 | 1.000 | 6  | 1.000 | 14 | 1.000 | 4.000  | 1.000 | 0.112 | 0.112 | 0.888 | 14 |
| S6  | 10 | 0.692 | 8  | 0.538 | 6  | 1.000 | 11 | 0.769 | 3.000  | 0.750 | 0.084 | 0.063 | 0.937 | 12 |
| S7  | 7  | 0.462 | 11 | 0.769 | 6  | 1.000 | 10 | 0.692 | 2.923  | 0.731 | 0.082 | 0.060 | 0.940 | 11 |
| S8  | 13 | 0.923 | 13 | 0.923 | 3  | 0.400 | 8  | 0.538 | 2.785  | 0.696 | 0.078 | 0.054 | 0.946 | 10 |
| S9  | 12 | 0.846 | 12 | 0.846 | 6  | 1.000 | 13 | 0.923 | 3.615  | 0.904 | 0.101 | 0.091 | 0.909 | 13 |
| S10 | 4  | 0.231 | 9  | 0.615 | 6  | 1.000 | 9  | 0.615 | 2.462  | 0.615 | 0.069 | 0.042 | 0.958 | 8  |
| S11 | 3  | 0.154 | 5  | 0.308 | 6  | 1.000 | 7  | 0.462 | 1.923  | 0.481 | 0.054 | 0.026 | 0.974 | 6  |
| S12 | 11 | 0.769 | 4  | 0.231 | 5  | 0.800 | 5  | 0.308 | 2.108  | 0.527 | 0.059 | 0.031 | 0.969 | 7  |
| S13 | 8  | 0.538 | 6  | 0.385 | 1  | 0.000 | 4  | 0.231 | 1.154  | 0.288 | 0.032 | 0.009 | 0.991 | 3  |
| S14 | 2  | 0.077 | 2  | 0.077 | 6  | 1.000 | 6  | 0.385 | 1.538  | 0.385 | 0.043 | 0.017 | 0.983 | 4  |
| S15 | 9  | 0.615 | 10 | 0.692 | 6  | 1.000 | 3  | 0.154 | 2.462  | 0.615 | 0.069 | 0.042 | 0.958 | 8  |
| S   |    |       |    |       |    |       |    |       | 35.800 |       |       |       |       |    |

Table A1.1.27 Prioritization of Sectors for DADRA AND NAGAR HAVELI based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled (Feature Score) | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|----------------------------------|---------|----------|---------------------|------------------|
| M1                | 8          | 0.292        | 2          | 0.042        | 9              | 1.000            | 25          | 1.000         | 2.333        | 0.583                            | 0.040   | 0.024    | 0.976               | 14               |
| M2                | 18         | 0.708        | 22         | 0.875        | 9              | 1.000            | 3           | 0.083         | 2.667        | 0.667                            | 0.046   | 0.031    | 0.969               | 20               |
| M3                | 15         | 0.583        | 19         | 0.750        | 3              | 0.250            | 22          | 0.875         | 2.458        | 0.615                            | 0.043   | 0.026    | 0.974               | 16               |
| M4                | 25         | 1.000        | 25         | 1.000        | 2              | 0.125            | 12          | 0.458         | 2.583        | 0.646                            | 0.045   | 0.029    | 0.971               | 18               |
| M5                | 20         | 0.792        | 18         | 0.708        | 4              | 0.375            | 6           | 0.208         | 2.083        | 0.521                            | 0.036   | 0.019    | 0.981               | 10               |
| M6                | 21         | 0.833        | 23         | 0.917        | 9              | 1.000            | 1           | 0.000         | 2.750        | 0.688                            | 0.048   | 0.033    | 0.967               | 22               |
| M7                | 16         | 0.625        | 16         | 0.625        | 9              | 1.000            | 15          | 0.583         | 2.833        | 0.708                            | 0.049   | 0.035    | 0.965               | 23               |
| M8                | 23         | 0.917        | 24         | 0.958        | 1              | 0.000            | 7           | 0.250         | 2.125        | 0.531                            | 0.037   | 0.020    | 0.980               | 11               |
| M9                | 7          | 0.250        | 8          | 0.292        | 9              | 1.000            | 13          | 0.500         | 2.042        | 0.510                            | 0.035   | 0.018    | 0.982               | 8                |
| M10               | 17         | 0.667        | 15         | 0.583        | 9              | 1.000            | 11          | 0.417         | 2.667        | 0.667                            | 0.046   | 0.031    | 0.969               | 20               |
| M11               | 4          | 0.125        | 4          | 0.125        | 9              | 1.000            | 24          | 0.958         | 2.208        | 0.552                            | 0.038   | 0.021    | 0.979               | 13               |
| M12               | 22         | 0.875        | 17         | 0.667        | 9              | 1.000            | 21          | 0.833         | 3.375        | 0.844                            | 0.058   | 0.049    | 0.951               | 25               |
| M13               | 6          | 0.208        | 5          | 0.167        | 9              | 1.000            | 17          | 0.667         | 2.042        | 0.510                            | 0.035   | 0.018    | 0.982               | 8                |
| M14               | 11         | 0.417        | 9          | 0.333        | 7              | 0.750            | 10          | 0.375         | 1.875        | 0.469                            | 0.032   | 0.015    | 0.985               | 5                |
| M15               | 24         | 0.958        | 14         | 0.542        | 9              | 1.000            | 4           | 0.125         | 2.625        | 0.656                            | 0.045   | 0.030    | 0.970               | 19               |
| M16               | 19         | 0.750        | 20         | 0.792        | 9              | 1.000            | 20          | 0.792         | 3.333        | 0.833                            | 0.058   | 0.048    | 0.952               | 24               |
| M17               | 9          | 0.333        | 7          | 0.250        | 9              | 1.000            | 2           | 0.042         | 1.625        | 0.406                            | 0.028   | 0.011    | 0.989               | 1                |
| M18               | 5          | 0.167        | 1          | 0.000        | 9              | 1.000            | 16          | 0.625         | 1.792        | 0.448                            | 0.031   | 0.014    | 0.986               | 3                |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M19 | 10 | 0.375 | 11 | 0.417 | 9  | 1.000 | 18 | 0.708 | 2.500  | 0.625 | 0.043 | 0.027 | 0.973 | 17 |
| M20 | 1  | 0.000 | 6  | 0.208 | 9  | 1.000 | 14 | 0.542 | 1.750  | 0.438 | 0.030 | 0.013 | 0.987 | 2  |
| M21 | 2  | 0.042 | 3  | 0.083 | 9  | 1.000 | 19 | 0.750 | 1.875  | 0.469 | 0.032 | 0.015 | 0.985 | 5  |
| M22 | 3  | 0.083 | 10 | 0.375 | 9  | 1.000 | 23 | 0.917 | 2.375  | 0.594 | 0.041 | 0.024 | 0.976 | 15 |
| M23 | 13 | 0.500 | 21 | 0.833 | 5  | 0.500 | 8  | 0.292 | 2.125  | 0.531 | 0.037 | 0.020 | 0.980 | 11 |
| M24 | 14 | 0.542 | 12 | 0.458 | 7  | 0.750 | 5  | 0.167 | 1.917  | 0.479 | 0.033 | 0.016 | 0.984 | 7  |
| M25 | 12 | 0.458 | 13 | 0.500 | 5  | 0.500 | 9  | 0.333 | 1.792  | 0.448 | 0.031 | 0.014 | 0.986 | 3  |
| M   |    |       |    |       |    |       |    |       | 57.750 |       |       |       |       |    |
| T1  | 3  | 0.667 | 3  | 0.667 | 4  | 1.000 | 3  | 0.667 | 3.000  | 0.750 | 0.391 | 0.293 | 0.707 | 4  |
| T2  | 2  | 0.333 | 2  | 0.333 | 1  | 0.000 | 4  | 1.000 | 1.667  | 0.417 | 0.217 | 0.091 | 0.909 | 2  |
| T3  | 1  | 0.000 | 1  | 0.000 | 2  | 0.333 | 2  | 0.333 | 0.667  | 0.167 | 0.087 | 0.014 | 0.986 | 1  |
| T4  | 4  | 1.000 | 4  | 1.000 | 2  | 0.333 | 1  | 0.000 | 2.333  | 0.583 | 0.304 | 0.178 | 0.822 | 3  |
| T   |    |       |    |       |    |       |    |       | 7.667  |       |       |       |       |    |
| S1  | 9  | 0.571 | 4  | 0.214 | 5  | 0.444 | 13 | 0.857 | 2.087  | 0.522 | 0.067 | 0.035 | 0.965 | 9  |
| S2  | 11 | 0.714 | 7  | 0.429 | 10 | 1.000 | 2  | 0.071 | 2.214  | 0.554 | 0.071 | 0.039 | 0.961 | 10 |
| S3  | 7  | 0.429 | 12 | 0.786 | 10 | 1.000 | 3  | 0.143 | 2.357  | 0.589 | 0.075 | 0.044 | 0.956 | 11 |
| S4  | 14 | 0.929 | 14 | 0.929 | 10 | 1.000 | 15 | 1.000 | 3.857  | 0.964 | 0.123 | 0.119 | 0.881 | 15 |
| S5  | 10 | 0.643 | 5  | 0.286 | 2  | 0.111 | 14 | 0.929 | 1.968  | 0.492 | 0.063 | 0.031 | 0.969 | 8  |
| S6  | 6  | 0.357 | 3  | 0.143 | 5  | 0.444 | 12 | 0.786 | 1.730  | 0.433 | 0.055 | 0.024 | 0.976 | 6  |
| S7  | 13 | 0.857 | 13 | 0.857 | 10 | 1.000 | 9  | 0.571 | 3.286  | 0.821 | 0.105 | 0.086 | 0.914 | 14 |
| S8  | 15 | 1.000 | 15 | 1.000 | 10 | 1.000 | 4  | 0.214 | 3.214  | 0.804 | 0.103 | 0.083 | 0.917 | 13 |
| S9  | 4  | 0.214 | 10 | 0.643 | 10 | 1.000 | 10 | 0.643 | 2.500  | 0.625 | 0.080 | 0.050 | 0.950 | 12 |
| S10 | 2  | 0.071 | 6  | 0.357 | 3  | 0.222 | 11 | 0.714 | 1.365  | 0.341 | 0.044 | 0.015 | 0.985 | 4  |
| S11 | 1  | 0.000 | 1  | 0.000 | 5  | 0.444 | 8  | 0.500 | 0.944  | 0.236 | 0.030 | 0.007 | 0.993 | 1  |
| S12 | 5  | 0.286 | 8  | 0.500 | 1  | 0.000 | 7  | 0.429 | 1.214  | 0.304 | 0.039 | 0.012 | 0.988 | 3  |
| S13 | 8  | 0.500 | 9  | 0.571 | 5  | 0.444 | 6  | 0.357 | 1.873  | 0.468 | 0.060 | 0.028 | 0.972 | 7  |
| S14 | 3  | 0.143 | 2  | 0.071 | 5  | 0.444 | 5  | 0.286 | 0.944  | 0.236 | 0.030 | 0.007 | 0.993 | 1  |
| S15 | 12 | 0.786 | 11 | 0.714 | 3  | 0.222 | 1  | 0.000 | 1.722  | 0.431 | 0.055 | 0.024 | 0.976 | 5  |
| S   |    |       |    |       |    |       |    |       | 31.278 |       |       |       |       |    |

Table A1.1.28 Prioritization of Sectors for MAHARASHTRA based on comprehensive ensemble-based feature selection methodology



| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 22         | 0.875        | 14         | 0.542        | 18             | 1.000            | 22          | 0.875         | 3.292        | 0.823            | 0.062   | 0.051    | 0.949               | 24               |
| M2                | 11         | 0.417        | 13         | 0.500        | 11             | 0.588            | 2           | 0.042         | 1.547        | 0.387            | 0.029   | 0.011    | 0.989               | 4                |
| M3                | 13         | 0.500        | 11         | 0.417        | 7              | 0.353            | 17          | 0.667         | 1.936        | 0.484            | 0.036   | 0.018    | 0.982               | 11               |
| M4                | 24         | 0.958        | 24         | 0.958        | 3              | 0.118            | 3           | 0.083         | 2.118        | 0.529            | 0.040   | 0.021    | 0.979               | 15               |
| M5                | 21         | 0.833        | 17         | 0.667        | 8              | 0.412            | 4           | 0.125         | 2.037        | 0.509            | 0.038   | 0.020    | 0.980               | 14               |
| M6                | 20         | 0.792        | 22         | 0.875        | 11             | 0.588            | 1           | 0.000         | 2.255        | 0.564            | 0.042   | 0.024    | 0.976               | 16               |
| M7                | 19         | 0.750        | 18         | 0.708        | 13             | 0.706            | 13          | 0.500         | 2.664        | 0.666            | 0.050   | 0.033    | 0.967               | 22               |
| M8                | 17         | 0.667        | 19         | 0.750        | 8              | 0.412            | 5           | 0.167         | 1.995        | 0.499            | 0.038   | 0.019    | 0.981               | 12               |
| M9                | 8          | 0.292        | 4          | 0.125        | 5              | 0.235            | 19          | 0.750         | 1.402        | 0.350            | 0.026   | 0.009    | 0.991               | 3                |
| M10               | 7          | 0.250        | 8          | 0.292        | 13             | 0.706            | 12          | 0.458         | 1.706        | 0.426            | 0.032   | 0.014    | 0.986               | 5                |
| M11               | 25         | 1.000        | 25         | 1.000        | 15             | 0.824            | 25          | 1.000         | 3.824        | 0.956            | 0.072   | 0.069    | 0.931               | 25               |
| M12               | 23         | 0.917        | 23         | 0.917        | 3              | 0.118            | 10          | 0.375         | 2.326        | 0.581            | 0.044   | 0.025    | 0.975               | 18               |
| M13               | 9          | 0.333        | 21         | 0.833        | 6              | 0.294            | 24          | 0.958         | 2.419        | 0.605            | 0.046   | 0.028    | 0.972               | 19               |
| M14               | 6          | 0.208        | 12         | 0.458        | 15             | 0.824            | 14          | 0.542         | 2.032        | 0.508            | 0.038   | 0.019    | 0.981               | 13               |
| M15               | 15         | 0.583        | 6          | 0.208        | 1              | 0.000            | 6           | 0.208         | 1.000        | 0.250            | 0.019   | 0.005    | 0.995               | 1                |
| M16               | 12         | 0.458        | 7          | 0.250        | 17             | 0.941            | 23          | 0.917         | 2.566        | 0.642            | 0.048   | 0.031    | 0.969               | 20               |
| M17               | 5          | 0.167        | 9          | 0.333        | 18             | 1.000            | 7           | 0.250         | 1.750        | 0.438            | 0.033   | 0.014    | 0.986               | 6                |
| M18               | 2          | 0.042        | 2          | 0.042        | 18             | 1.000            | 18          | 0.708         | 1.792        | 0.448            | 0.034   | 0.015    | 0.985               | 7                |
| M19               | 3          | 0.083        | 3          | 0.083        | 8              | 0.412            | 15          | 0.583         | 1.162        | 0.290            | 0.022   | 0.006    | 0.994               | 2                |
| M20               | 4          | 0.125        | 5          | 0.167        | 18             | 1.000            | 16          | 0.625         | 1.917        | 0.479            | 0.036   | 0.017    | 0.983               | 10               |
| M21               | 1          | 0.000        | 1          | 0.000        | 18             | 1.000            | 20          | 0.792         | 1.792        | 0.448            | 0.034   | 0.015    | 0.985               | 7                |
| M22               | 16         | 0.625        | 10         | 0.375        | 18             | 1.000            | 21          | 0.833         | 2.833        | 0.708            | 0.053   | 0.038    | 0.962               | 23               |
| M23               | 10         | 0.375        | 15         | 0.583        | 18             | 1.000            | 9           | 0.333         | 2.292        | 0.573            | 0.043   | 0.025    | 0.975               | 17               |
| M24               | 18         | 0.708        | 20         | 0.792        | 2              | 0.059            | 8           | 0.292         | 1.850        | 0.463            | 0.035   | 0.016    | 0.984               | 9                |
| M25               | 14         | 0.542        | 16         | 0.625        | 18             | 1.000            | 11          | 0.417         | 2.583        | 0.646            | 0.049   | 0.031    | 0.969               | 21               |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M   |    |       |    |       |    |       |    |       | 53.088 |       |       |       |       |    |
| T1  | 3  | 0.667 | 3  | 0.667 | 4  | 1.000 | 3  | 0.667 | 3.000  | 0.750 | 0.429 | 0.321 | 0.679 | 4  |
| T2  | 1  | 0.000 | 1  | 0.000 | 1  | 0.000 | 4  | 1.000 | 1.000  | 0.250 | 0.143 | 0.036 | 0.964 | 1  |
| T3  | 2  | 0.333 | 2  | 0.333 | 1  | 0.000 | 2  | 0.333 | 1.000  | 0.250 | 0.143 | 0.036 | 0.964 | 1  |
| T4  | 4  | 1.000 | 4  | 1.000 | 1  | 0.000 | 1  | 0.000 | 2.000  | 0.500 | 0.286 | 0.143 | 0.857 | 3  |
| T   |    |       |    |       |    |       |    |       | 7.000  |       |       |       |       |    |
| S1  | 4  | 0.214 | 2  | 0.071 | 4  | 0.231 | 11 | 0.714 | 1.231  | 0.308 | 0.042 | 0.013 | 0.987 | 4  |
| S2  | 9  | 0.571 | 6  | 0.357 | 4  | 0.231 | 1  | 0.000 | 1.159  | 0.290 | 0.039 | 0.011 | 0.989 | 3  |
| S3  | 7  | 0.429 | 9  | 0.571 | 14 | 1.000 | 4  | 0.214 | 2.214  | 0.554 | 0.075 | 0.042 | 0.958 | 10 |
| S4  | 15 | 1.000 | 15 | 1.000 | 14 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.136 | 0.136 | 0.864 | 15 |
| S5  | 13 | 0.857 | 14 | 0.929 | 3  | 0.154 | 14 | 0.929 | 2.868  | 0.717 | 0.097 | 0.070 | 0.930 | 14 |
| S6  | 11 | 0.714 | 11 | 0.714 | 6  | 0.385 | 13 | 0.857 | 2.670  | 0.668 | 0.091 | 0.061 | 0.939 | 12 |
| S7  | 12 | 0.786 | 12 | 0.786 | 9  | 0.615 | 8  | 0.500 | 2.687  | 0.672 | 0.091 | 0.061 | 0.939 | 13 |
| S8  | 14 | 0.929 | 13 | 0.857 | 1  | 0.000 | 5  | 0.286 | 2.071  | 0.518 | 0.070 | 0.036 | 0.964 | 9  |
| S9  | 6  | 0.357 | 8  | 0.500 | 9  | 0.615 | 12 | 0.786 | 2.258  | 0.565 | 0.077 | 0.043 | 0.957 | 11 |
| S10 | 5  | 0.286 | 7  | 0.429 | 6  | 0.385 | 10 | 0.643 | 1.742  | 0.435 | 0.059 | 0.026 | 0.974 | 6  |
| S11 | 2  | 0.071 | 3  | 0.143 | 9  | 0.615 | 9  | 0.571 | 1.401  | 0.350 | 0.048 | 0.017 | 0.983 | 5  |
| S12 | 8  | 0.500 | 5  | 0.286 | 9  | 0.615 | 7  | 0.429 | 1.830  | 0.457 | 0.062 | 0.028 | 0.972 | 7  |
| S13 | 1  | 0.000 | 1  | 0.000 | 2  | 0.077 | 3  | 0.143 | 0.220  | 0.055 | 0.007 | 0.000 | 1.000 | 1  |
| S14 | 3  | 0.143 | 4  | 0.214 | 6  | 0.385 | 6  | 0.357 | 1.099  | 0.275 | 0.037 | 0.010 | 0.990 | 2  |
| S15 | 10 | 0.643 | 10 | 0.643 | 9  | 0.615 | 2  | 0.071 | 1.973  | 0.493 | 0.067 | 0.033 | 0.967 | 8  |
| S   |    |       |    |       |    |       |    |       | 29.423 |       |       |       |       |    |

Table A1.1.29 Prioritization of Sectors for KARNATAKA based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scheduled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|------------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |                  |              | (Feature Score)  |         |          |                     |                  |
| M1                | 13         | 1.000        | 13         | 1.000        | 10             | 1.000            | 13          | 1.000            | 4.000        | 1.000            | 0.053   | 0.053    | 0.947               | 15               |
| M2                | 4          | 0.250        | 4          | 0.250        | 6              | 0.556            | 2           | 0.083            | 1.139        | 0.285            | 0.015   | 0.004    | 0.996               | 2                |
| M3                | 11         | 0.833        | 5          | 0.333        | 10             | 1.000            | 6           | 0.417            | 2.583        | 0.646            | 0.034   | 0.022    | 0.978               | 9                |
| M4                | 13         | 1.000        | 13         | 1.000        | 10             | 1.000            | 13          | 1.000            | 4.000        | 1.000            | 0.053   | 0.053    | 0.947               | 15               |
| M5                | 10         | 0.750        | 12         | 0.917        | 10             | 1.000            | 12          | 0.917            | 3.583        | 0.896            | 0.048   | 0.043    | 0.957               | 13               |
| M6                | 7          | 0.500        | 10         | 0.750        | 4              | 0.333            | 1           | 0.000            | 1.583        | 0.396            | 0.021   | 0.008    | 0.992               | 4                |
| M7                | 13         | 1.000        | 13         | 1.000        | 10             | 1.000            | 13          | 1.000            | 4.000        | 1.000            | 0.053   | 0.053    | 0.947               | 15               |
| M8                | 6          | 0.417        | 8          | 0.583        | 3              | 0.222            | 7           | 0.500            | 1.722        | 0.431            | 0.023   | 0.010    | 0.990               | 7                |
| M9                | 13         | 1.000        | 13         | 1.000        | 1              | 0.000            | 13          | 1.000            | 3.000        | 0.750            | 0.040   | 0.030    | 0.970               | 11               |
| M10               | 1          | 0.000        | 1          | 0.000        | 2              | 0.111            | 5           | 0.333            | 0.444        | 0.111            | 0.006   | 0.001    | 0.999               | 1                |
| M11               | 13         | 1.000        | 13         | 1.000        | 10             | 1.000            | 13          | 1.000            | 4.000        | 1.000            | 0.053   | 0.053    | 0.947               | 15               |
| M12               | 13         | 1.000        | 13         | 1.000        | 10             | 1.000            | 13          | 1.000            | 4.000        | 1.000            | 0.053   | 0.053    | 0.947               | 15               |
| M13               | 13         | 1.000        | 13         | 1.000        | 10             | 1.000            | 13          | 1.000            | 4.000        | 1.000            | 0.053   | 0.053    | 0.947               | 15               |
| M14               | 13         | 1.000        | 13         | 1.000        | 10             | 1.000            | 13          | 1.000            | 4.000        | 1.000            | 0.053   | 0.053    | 0.947               | 15               |
| M15               | 12         | 0.917        | 11         | 0.833        | 10             | 1.000            | 11          | 0.833            | 3.583        | 0.896            | 0.048   | 0.043    | 0.957               | 13               |
| M16               | 13         | 1.000        | 13         | 1.000        | 10             | 1.000            | 13          | 1.000            | 4.000        | 1.000            | 0.053   | 0.053    | 0.947               | 15               |
| M17               | 5          | 0.333        | 6          | 0.417        | 8              | 0.778            | 3           | 0.167            | 1.694        | 0.424            | 0.023   | 0.010    | 0.990               | 6                |
| M18               | 13         | 1.000        | 13         | 1.000        | 10             | 1.000            | 13          | 1.000            | 4.000        | 1.000            | 0.053   | 0.053    | 0.947               | 15               |
| M19               | 13         | 1.000        | 13         | 1.000        | 10             | 1.000            | 13          | 1.000            | 4.000        | 1.000            | 0.053   | 0.053    | 0.947               | 15               |
| M20               | 13         | 1.000        | 13         | 1.000        | 6              | 0.556            | 13          | 1.000            | 3.556        | 0.889            | 0.047   | 0.042    | 0.958               | 12               |
| M21               | 8          | 0.583        | 7          | 0.500        | 10             | 1.000            | 10          | 0.750            | 2.833        | 0.708            | 0.038   | 0.027    | 0.973               | 10               |
| M22               | 13         | 1.000        | 13         | 1.000        | 10             | 1.000            | 13          | 1.000            | 4.000        | 1.000            | 0.053   | 0.053    | 0.947               | 15               |
| M23               | 3          | 0.167        | 3          | 0.167        | 10             | 1.000            | 4           | 0.250            | 1.583        | 0.396            | 0.021   | 0.008    | 0.992               | 4                |
| M24               | 2          | 0.083        | 2          | 0.083        | 8              | 0.778            | 8           | 0.583            | 1.528        | 0.382            | 0.020   | 0.008    | 0.992               | 3                |
| M25               | 9          | 0.667        | 9          | 0.667        | 5              | 0.444            | 9           | 0.667            | 2.444        | 0.611            | 0.032   | 0.020    | 0.980               | 8                |
| M                 |            |              |            |              |                |                  |             |                  | 75.278       |                  |         |          |                     |                  |
| T1                | 3          | 0.667        | 2          | 0.333        | 3              | 1.000            | 2           | 0.333            | 2.333        | 0.583            | 0.275   | 0.160    | 0.840               | 3                |
| T2                | 4          | 1.000        | 4          | 1.000        | 3              | 1.000            | 4           | 1.000            | 4.000        | 1.000            | 0.471   | 0.471    | 0.529               | 4                |
| T3                | 1          | 0.000        | 1          | 0.000        | 2              | 0.500            | 3           | 0.667            | 1.167        | 0.292            | 0.137   | 0.040    | 0.960               | 2                |
| T4                | 2          | 0.333        | 3          | 0.667        | 1              | 0.000            | 1           | 0.000            | 1.000        | 0.250            | 0.118   | 0.029    | 0.971               | 1                |
| T                 |            |              |            |              |                |                  |             |                  | 8.500        |                  |         |          |                     |                  |
| S1                | 2          | 0.077        | 2          | 0.077        | 3              | 0.222            | 13          | 0.846            | 1.222        | 0.306            | 0.036   | 0.011    | 0.989               | 2                |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| S2  | 11 | 0.769 | 7  | 0.462 | 4  | 0.333 | 2  | 0.000 | 1.564  | 0.391 | 0.046 | 0.018 | 0.982 | 4  |
| S3  | 7  | 0.462 | 8  | 0.538 | 10 | 1.000 | 3  | 0.077 | 2.077  | 0.519 | 0.061 | 0.032 | 0.968 | 6  |
| S4  | 14 | 1.000 | 14 | 1.000 | 10 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.118 | 0.118 | 0.882 | 14 |
| S5  | 14 | 1.000 | 14 | 1.000 | 10 | 1.000 | 15 | 1.000 | 4.000  | 1.000 | 0.118 | 0.118 | 0.882 | 14 |
| S6  | 1  | 0.000 | 1  | 0.000 | 10 | 1.000 | 7  | 0.385 | 1.385  | 0.346 | 0.041 | 0.014 | 0.986 | 3  |
| S7  | 9  | 0.615 | 6  | 0.385 | 8  | 0.778 | 4  | 0.154 | 1.932  | 0.483 | 0.057 | 0.028 | 0.972 | 5  |
| S8  | 13 | 0.923 | 13 | 0.923 | 6  | 0.556 | 12 | 0.769 | 3.171  | 0.793 | 0.094 | 0.074 | 0.926 | 13 |
| S9  | 4  | 0.231 | 5  | 0.308 | 9  | 0.889 | 14 | 0.923 | 2.350  | 0.588 | 0.069 | 0.041 | 0.959 | 10 |
| S10 | 6  | 0.385 | 9  | 0.615 | 10 | 1.000 | 5  | 0.231 | 2.231  | 0.558 | 0.066 | 0.037 | 0.963 | 9  |
| S11 | 5  | 0.308 | 3  | 0.154 | 10 | 1.000 | 11 | 0.692 | 2.154  | 0.538 | 0.064 | 0.034 | 0.966 | 8  |
| S12 | 10 | 0.692 | 11 | 0.769 | 5  | 0.444 | 8  | 0.462 | 2.368  | 0.592 | 0.070 | 0.041 | 0.959 | 11 |
| S13 | 12 | 0.846 | 12 | 0.846 | 2  | 0.111 | 10 | 0.615 | 2.419  | 0.605 | 0.071 | 0.043 | 0.957 | 12 |
| S14 | 3  | 0.154 | 4  | 0.231 | 1  | 0.000 | 9  | 0.538 | 0.923  | 0.231 | 0.027 | 0.006 | 0.994 | 1  |
| S15 | 8  | 0.538 | 10 | 0.692 | 6  | 0.556 | 6  | 0.308 | 2.094  | 0.524 | 0.062 | 0.032 | 0.968 | 7  |
| S   |    |       |    |       |    |       |    |       | 33.889 |       |       |       |       |    |

Table A1.1.30 Prioritization of Sectors for GOA based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled (Feature Score) | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|----------------------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              |                                  |         |          |                     |                  |
| M1                | 8          | 1.000        | 8          | 1.000        | 11             | 1.000            | 8           | 1.000         | 4.000        | 1.333                            | 0.049   | 0.065    | 0.935               | 13               |
| M2                | 7          | 0.857        | 6          | 0.714        | 9              | 0.800            | 1           | 0.000         | 2.371        | 0.790                            | 0.029   | 0.023    | 0.977               | 6                |
| M3                | 8          | 1.000        | 8          | 1.000        | 11             | 1.000            | 8           | 1.000         | 4.000        | 1.333                            | 0.049   | 0.065    | 0.935               | 13               |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| M4  | 8  | 1.000 | 8  | 1.000 | 11 | 1.000 | 8  | 1.000 | 4.000  | 1.333 | 0.049 | 0.065 | 0.935 | 13 |
| M5  | 8  | 1.000 | 8  | 1.000 | 11 | 1.000 | 8  | 1.000 | 4.000  | 1.333 | 0.049 | 0.065 | 0.935 | 13 |
| M6  | 6  | 0.714 | 7  | 0.857 | 5  | 0.400 | 2  | 0.143 | 2.114  | 0.705 | 0.026 | 0.018 | 0.982 | 5  |
| M7  | 8  | 1.000 | 8  | 1.000 | 2  | 0.100 | 8  | 1.000 | 3.100  | 1.033 | 0.038 | 0.039 | 0.961 | 9  |
| M8  | 4  | 0.429 | 3  | 0.286 | 8  | 0.700 | 3  | 0.286 | 1.700  | 0.567 | 0.021 | 0.012 | 0.988 | 3  |
| M9  | 8  | 1.000 | 8  | 1.000 | 3  | 0.200 | 8  | 1.000 | 3.200  | 1.067 | 0.039 | 0.041 | 0.959 | 10 |
| M10 | 8  | 1.000 | 8  | 1.000 | 11 | 1.000 | 8  | 1.000 | 4.000  | 1.333 | 0.049 | 0.065 | 0.935 | 13 |
| M11 | 8  | 1.000 | 8  | 1.000 | 11 | 1.000 | 8  | 1.000 | 4.000  | 1.333 | 0.049 | 0.065 | 0.935 | 13 |
| M12 | 8  | 1.000 | 8  | 1.000 | 1  | 0.000 | 8  | 1.000 | 3.000  | 1.000 | 0.036 | 0.036 | 0.964 | 8  |
| M13 | 8  | 1.000 | 8  | 1.000 | 11 | 1.000 | 8  | 1.000 | 4.000  | 1.333 | 0.049 | 0.065 | 0.935 | 13 |
| M14 | 8  | 1.000 | 8  | 1.000 | 11 | 1.000 | 8  | 1.000 | 4.000  | 1.333 | 0.049 | 0.065 | 0.935 | 13 |
| M15 | 5  | 0.571 | 5  | 0.571 | 11 | 1.000 | 5  | 0.571 | 2.714  | 0.905 | 0.033 | 0.030 | 0.970 | 7  |
| M16 | 8  | 1.000 | 8  | 1.000 | 11 | 1.000 | 8  | 1.000 | 4.000  | 1.333 | 0.049 | 0.065 | 0.935 | 13 |
| M17 | 3  | 0.286 | 4  | 0.429 | 6  | 0.500 | 4  | 0.429 | 1.643  | 0.548 | 0.020 | 0.011 | 0.989 | 2  |
| M18 | 8  | 1.000 | 8  | 1.000 | 4  | 0.300 | 8  | 1.000 | 3.300  | 1.100 | 0.040 | 0.044 | 0.956 | 11 |
| M19 | 8  | 1.000 | 8  | 1.000 | 11 | 1.000 | 8  | 1.000 | 4.000  | 1.333 | 0.049 | 0.065 | 0.935 | 13 |
| M20 | 8  | 1.000 | 8  | 1.000 | 11 | 1.000 | 8  | 1.000 | 4.000  | 1.333 | 0.049 | 0.065 | 0.935 | 13 |
| M21 | 8  | 1.000 | 8  | 1.000 | 11 | 1.000 | 8  | 1.000 | 4.000  | 1.333 | 0.049 | 0.065 | 0.935 | 13 |
| M22 | 8  | 1.000 | 8  | 1.000 | 11 | 1.000 | 8  | 1.000 | 4.000  | 1.333 | 0.049 | 0.065 | 0.935 | 13 |
| M23 | 2  | 0.143 | 2  | 0.143 | 11 | 1.000 | 6  | 0.714 | 2.000  | 0.667 | 0.024 | 0.016 | 0.984 | 4  |
| M24 | 8  | 1.000 | 8  | 1.000 | 9  | 0.800 | 8  | 1.000 | 3.800  | 1.267 | 0.046 | 0.058 | 0.942 | 12 |
| M25 | 1  | 0.000 | 1  | 0.000 | 6  | 0.500 | 7  | 0.857 | 1.357  | 0.452 | 0.016 | 0.007 | 0.993 | 1  |
| M   |    |       |    |       |    |       |    |       | 82.300 |       |       |       |       |    |
| T1  | 3  | 0.667 | 2  | 0.333 | 3  | 1.000 | 2  | 0.333 | 2.333  | 0.778 | 0.292 | 0.227 | 0.773 | 3  |
| T2  | 4  | 1.000 | 4  | 1.000 | 3  | 1.000 | 4  | 1.000 | 4.000  | 1.333 | 0.500 | 0.667 | 0.333 | 4  |
| T3  | 1  | 0.000 | 1  | 0.000 | 1  | 0.000 | 3  | 0.667 | 0.667  | 0.222 | 0.083 | 0.019 | 0.981 | 1  |
| T4  | 2  | 0.333 | 3  | 0.667 | 1  | 0.000 | 1  | 0.000 | 1.000  | 0.333 | 0.125 | 0.042 | 0.958 | 2  |
| T   |    |       |    |       |    |       |    |       | 8.000  |       |       |       |       |    |
| S1  | 2  | 0.111 | 3  | 0.222 | 10 | 1.000 | 10 | 0.889 | 2.222  | 0.741 | 0.056 | 0.041 | 0.959 | 6  |
| S2  | 1  | 0.000 | 2  | 0.111 | 8  | 0.778 | 3  | 0.111 | 1.000  | 0.333 | 0.025 | 0.008 | 0.992 | 2  |
| S3  | 5  | 0.444 | 7  | 0.667 | 10 | 1.000 | 2  | 0.000 | 2.111  | 0.704 | 0.053 | 0.037 | 0.963 | 5  |
| S4  | 9  | 0.889 | 6  | 0.556 | 10 | 1.000 | 4  | 0.222 | 2.667  | 0.889 | 0.067 | 0.059 | 0.941 | 7  |
| S5  | 10 | 1.000 | 10 | 1.000 | 10 | 1.000 | 11 | 1.000 | 4.000  | 1.333 | 0.100 | 0.134 | 0.866 | 14 |
| S6  | 10 | 1.000 | 10 | 1.000 | 10 | 1.000 | 11 | 1.000 | 4.000  | 1.333 | 0.100 | 0.134 | 0.866 | 14 |
| S7  | 3  | 0.222 | 1  | 0.000 | 2  | 0.111 | 7  | 0.556 | 0.889  | 0.296 | 0.022 | 0.007 | 0.993 | 1  |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| S8  | 10 | 1.000 | 10 | 1.000 | 1  | 0.000 | 11 | 1.000 | 3.000  | 1.000 | 0.075 | 0.075 | 0.925 | 9  |
| S9  | 10 | 1.000 | 10 | 1.000 | 7  | 0.667 | 11 | 1.000 | 3.667  | 1.222 | 0.092 | 0.112 | 0.888 | 13 |
| S10 | 10 | 1.000 | 10 | 1.000 | 4  | 0.333 | 11 | 1.000 | 3.333  | 1.111 | 0.084 | 0.093 | 0.907 | 11 |
| S11 | 6  | 0.556 | 5  | 0.444 | 3  | 0.222 | 9  | 0.778 | 2.000  | 0.667 | 0.050 | 0.033 | 0.967 | 4  |
| S12 | 7  | 0.667 | 9  | 0.889 | 10 | 1.000 | 8  | 0.667 | 3.222  | 1.074 | 0.081 | 0.087 | 0.913 | 10 |
| S13 | 4  | 0.333 | 4  | 0.333 | 5  | 0.444 | 6  | 0.444 | 1.556  | 0.519 | 0.039 | 0.020 | 0.980 | 3  |
| S14 | 10 | 1.000 | 10 | 1.000 | 5  | 0.444 | 11 | 1.000 | 3.444  | 1.148 | 0.086 | 0.099 | 0.901 | 12 |
| S15 | 8  | 0.778 | 8  | 0.778 | 9  | 0.889 | 5  | 0.333 | 2.778  | 0.926 | 0.070 | 0.064 | 0.936 | 8  |
| S   |    |       |    |       |    |       |    |       | 39.889 |       |       |       |       |    |

Table A1.1.31 Prioritization of Sectors for LAKSHADWEEP based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 24         | 1.000        | 24         | 1.000        | 9              | 1.000            | 24          | 1.000         | 4.000        | 1.000            | 0.067   | 0.067    | 0.933               | 24               |
| M2                | 18         | 0.739        | 16         | 0.652        | 8              | 0.875            | 2           | 0.043         | 2.310        | 0.577            | 0.039   | 0.022    | 0.978               | 13               |
| M3                | 2          | 0.043        | 8          | 0.304        | 4              | 0.375            | 13          | 0.522         | 1.245        | 0.311            | 0.021   | 0.007    | 0.993               | 2                |
| M4                | 23         | 0.957        | 23         | 0.957        | 9              | 1.000            | 8           | 0.304         | 3.217        | 0.804            | 0.054   | 0.044    | 0.956               | 22               |
| M5                | 21         | 0.870        | 21         | 0.870        | 9              | 1.000            | 3           | 0.087         | 2.826        | 0.707            | 0.048   | 0.034    | 0.966               | 19               |
| M6                | 22         | 0.913        | 22         | 0.913        | 6              | 0.625            | 1           | 0.000         | 2.451        | 0.613            | 0.041   | 0.025    | 0.975               | 15               |
| M7                | 12         | 0.478        | 11         | 0.435        | 9              | 1.000            | 16          | 0.652         | 2.565        | 0.641            | 0.043   | 0.028    | 0.972               | 17               |
| M8                | 13         | 0.522        | 17         | 0.696        | 9              | 1.000            | 4           | 0.130         | 2.348        | 0.587            | 0.040   | 0.023    | 0.977               | 14               |
| M9                | 20         | 0.826        | 15         | 0.609        | 2              | 0.125            | 15          | 0.609         | 2.168        | 0.542            | 0.037   | 0.020    | 0.980               | 10               |

|     |    |       |    |       |   |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|---|-------|----|-------|--------|-------|-------|-------|-------|----|
| M10 | 10 | 0.391 | 9  | 0.348 | 4 | 0.375 | 10 | 0.391 | 1.505  | 0.376 | 0.025 | 0.010 | 0.990 | 3  |
| M11 | 24 | 1.000 | 24 | 1.000 | 9 | 1.000 | 24 | 1.000 | 4.000  | 1.000 | 0.067 | 0.067 | 0.933 | 24 |
| M12 | 8  | 0.304 | 5  | 0.174 | 1 | 0.000 | 12 | 0.478 | 0.957  | 0.239 | 0.016 | 0.004 | 0.996 | 1  |
| M13 | 19 | 0.783 | 14 | 0.565 | 9 | 1.000 | 19 | 0.783 | 3.130  | 0.783 | 0.053 | 0.041 | 0.959 | 21 |
| M14 | 14 | 0.565 | 13 | 0.522 | 9 | 1.000 | 11 | 0.435 | 2.522  | 0.630 | 0.042 | 0.027 | 0.973 | 16 |
| M15 | 3  | 0.087 | 3  | 0.087 | 9 | 1.000 | 9  | 0.348 | 1.522  | 0.380 | 0.026 | 0.010 | 0.990 | 4  |
| M16 | 4  | 0.130 | 2  | 0.043 | 9 | 1.000 | 17 | 0.696 | 1.870  | 0.467 | 0.031 | 0.015 | 0.985 | 8  |
| M17 | 9  | 0.348 | 12 | 0.478 | 7 | 0.750 | 7  | 0.261 | 1.837  | 0.459 | 0.031 | 0.014 | 0.986 | 7  |
| M18 | 17 | 0.696 | 10 | 0.391 | 9 | 1.000 | 22 | 0.913 | 3.000  | 0.750 | 0.051 | 0.038 | 0.962 | 20 |
| M19 | 6  | 0.217 | 6  | 0.217 | 9 | 1.000 | 21 | 0.870 | 2.304  | 0.576 | 0.039 | 0.022 | 0.978 | 12 |
| M20 | 1  | 0.000 | 1  | 0.000 | 9 | 1.000 | 18 | 0.739 | 1.739  | 0.435 | 0.029 | 0.013 | 0.987 | 6  |
| M21 | 15 | 0.609 | 20 | 0.826 | 9 | 1.000 | 23 | 0.957 | 3.391  | 0.848 | 0.057 | 0.048 | 0.952 | 23 |
| M22 | 7  | 0.261 | 4  | 0.130 | 9 | 1.000 | 20 | 0.826 | 2.217  | 0.554 | 0.037 | 0.021 | 0.979 | 11 |
| M23 | 5  | 0.174 | 7  | 0.261 | 9 | 1.000 | 5  | 0.174 | 1.609  | 0.402 | 0.027 | 0.011 | 0.989 | 5  |
| M24 | 16 | 0.652 | 19 | 0.783 | 3 | 0.250 | 6  | 0.217 | 1.902  | 0.476 | 0.032 | 0.015 | 0.985 | 9  |
| M25 | 11 | 0.435 | 18 | 0.739 | 9 | 1.000 | 14 | 0.565 | 2.739  | 0.685 | 0.046 | 0.032 | 0.968 | 18 |
| M   |    |       |    |       |   |       |    |       | 59.375 |       |       |       |       |    |
| T1  | 4  | 1.000 | 3  | 0.667 | 2 | 0.333 | 3  | 0.667 | 2.667  | 0.667 | 0.348 | 0.232 | 0.768 | 3  |
| T2  | 3  | 0.667 | 2  | 0.333 | 4 | 1.000 | 4  | 1.000 | 3.000  | 0.750 | 0.391 | 0.293 | 0.707 | 4  |
| T3  | 1  | 0.000 | 1  | 0.000 | 2 | 0.333 | 2  | 0.333 | 0.667  | 0.167 | 0.087 | 0.014 | 0.986 | 1  |
| T4  | 2  | 0.333 | 4  | 1.000 | 1 | 0.000 | 1  | 0.000 | 1.333  | 0.333 | 0.174 | 0.058 | 0.942 | 2  |
| T   |    |       |    |       |   |       |    |       | 7.667  |       |       |       |       |    |
| S1  | 2  | 0.071 | 1  | 0.000 | 4 | 0.429 | 9  | 0.571 | 1.071  | 0.268 | 0.032 | 0.009 | 0.991 | 2  |
| S2  | 7  | 0.429 | 6  | 0.357 | 5 | 0.571 | 3  | 0.143 | 1.500  | 0.375 | 0.045 | 0.017 | 0.983 | 5  |
| S3  | 5  | 0.286 | 9  | 0.571 | 8 | 1.000 | 2  | 0.071 | 1.929  | 0.482 | 0.058 | 0.028 | 0.972 | 7  |
| S4  | 13 | 0.857 | 12 | 0.786 | 8 | 1.000 | 14 | 0.929 | 3.571  | 0.893 | 0.107 | 0.096 | 0.904 | 14 |
| S5  | 14 | 0.929 | 15 | 1.000 | 8 | 1.000 | 15 | 1.000 | 3.929  | 0.982 | 0.118 | 0.116 | 0.884 | 15 |
| S6  | 8  | 0.500 | 8  | 0.500 | 8 | 1.000 | 13 | 0.857 | 2.857  | 0.714 | 0.086 | 0.061 | 0.939 | 11 |
| S7  | 3  | 0.143 | 3  | 0.143 | 8 | 1.000 | 11 | 0.714 | 2.000  | 0.500 | 0.060 | 0.030 | 0.970 | 8  |
| S8  | 15 | 1.000 | 14 | 0.929 | 8 | 1.000 | 1  | 0.000 | 2.929  | 0.732 | 0.088 | 0.064 | 0.936 | 12 |
| S9  | 6  | 0.357 | 10 | 0.643 | 8 | 1.000 | 12 | 0.786 | 2.786  | 0.696 | 0.084 | 0.058 | 0.942 | 10 |
| S10 | 11 | 0.714 | 13 | 0.857 | 8 | 1.000 | 10 | 0.643 | 3.214  | 0.804 | 0.096 | 0.077 | 0.923 | 13 |
| S11 | 4  | 0.214 | 4  | 0.214 | 7 | 0.857 | 8  | 0.500 | 1.786  | 0.446 | 0.054 | 0.024 | 0.976 | 6  |
| S12 | 9  | 0.571 | 7  | 0.429 | 1 | 0.000 | 7  | 0.429 | 1.429  | 0.357 | 0.043 | 0.015 | 0.985 | 4  |
| S13 | 10 | 0.643 | 5  | 0.286 | 2 | 0.143 | 4  | 0.214 | 1.286  | 0.321 | 0.039 | 0.012 | 0.988 | 3  |

|     |    |       |    |       |   |       |   |       |        |       |       |       |       |   |
|-----|----|-------|----|-------|---|-------|---|-------|--------|-------|-------|-------|-------|---|
| S14 | 1  | 0.000 | 2  | 0.071 | 3 | 0.286 | 6 | 0.357 | 0.714  | 0.179 | 0.021 | 0.004 | 0.996 | 1 |
| S15 | 12 | 0.786 | 11 | 0.714 | 5 | 0.571 | 5 | 0.286 | 2.357  | 0.589 | 0.071 | 0.042 | 0.958 | 9 |
| S   |    |       |    |       |   |       |   |       | 33.357 |       |       |       |       |   |

Table A1.1.32 Prioritization of Sectors for KERALA based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled (Feature Score) | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|----------------------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              |                                  |         |          |                     |                  |
| M1                | 5          | 0.167        | 3          | 0.083        | 7              | 1.000            | 24          | 0.958         | 2.208        | 0.552                            | 0.038   | 0.021    | 0.979               | 10               |
| M2                | 17         | 0.667        | 19         | 0.750        | 4              | 0.500            | 3           | 0.083         | 2.000        | 0.500                            | 0.034   | 0.017    | 0.983               | 7                |
| M3                | 15         | 0.583        | 15         | 0.583        | 7              | 1.000            | 18          | 0.708         | 2.875        | 0.719                            | 0.049   | 0.035    | 0.965               | 20               |
| M4                | 24         | 0.958        | 25         | 1.000        | 2              | 0.167            | 4           | 0.125         | 2.250        | 0.563                            | 0.038   | 0.022    | 0.978               | 12               |
| M5                | 21         | 0.833        | 20         | 0.792        | 3              | 0.333            | 1           | 0.000         | 1.958        | 0.490                            | 0.033   | 0.016    | 0.984               | 6                |
| M6                | 22         | 0.875        | 23         | 0.917        | 4              | 0.500            | 2           | 0.042         | 2.333        | 0.583                            | 0.040   | 0.023    | 0.977               | 13               |
| M7                | 16         | 0.625        | 16         | 0.625        | 7              | 1.000            | 17          | 0.667         | 2.917        | 0.729                            | 0.050   | 0.036    | 0.964               | 21               |
| M8                | 20         | 0.792        | 22         | 0.875        | 7              | 1.000            | 7           | 0.250         | 2.917        | 0.729                            | 0.050   | 0.036    | 0.964               | 21               |
| M9                | 13         | 0.500        | 10         | 0.375        | 7              | 1.000            | 16          | 0.625         | 2.500        | 0.625                            | 0.042   | 0.027    | 0.973               | 18               |
| M10               | 11         | 0.417        | 9          | 0.333        | 7              | 1.000            | 10          | 0.375         | 2.125        | 0.531                            | 0.036   | 0.019    | 0.981               | 8                |
| M11               | 23         | 0.917        | 12         | 0.458        | 7              | 1.000            | 23          | 0.917         | 3.292        | 0.823                            | 0.056   | 0.046    | 0.954               | 24               |
| M12               | 25         | 1.000        | 24         | 0.958        | 7              | 1.000            | 9           | 0.333         | 3.292        | 0.823                            | 0.056   | 0.046    | 0.954               | 24               |
| M13               | 1          | 0.000        | 4          | 0.125        | 7              | 1.000            | 25          | 1.000         | 2.125        | 0.531                            | 0.036   | 0.019    | 0.981               | 8                |
| M14               | 14         | 0.542        | 13         | 0.500        | 6              | 0.833            | 13          | 0.500         | 2.375        | 0.594                            | 0.040   | 0.024    | 0.976               | 15               |
| M15               | 19         | 0.750        | 8          | 0.292        | 7              | 1.000            | 5           | 0.167         | 2.208        | 0.552                            | 0.038   | 0.021    | 0.979               | 10               |



|     |    |       |    |       |   |       |    |       |        |        |       |        |         |    |
|-----|----|-------|----|-------|---|-------|----|-------|--------|--------|-------|--------|---------|----|
| M16 | 12 | 0.458 | 18 | 0.708 | 7 | 1.000 | 20 | 0.792 | 2.958  | 0.740  | 0.050 | 0.037  | 0.963   | 23 |
| M17 | 6  | 0.208 | 11 | 0.417 | 7 | 1.000 | 8  | 0.292 | 1.917  | 0.479  | 0.033 | 0.016  | 0.984   | 4  |
| M18 | 9  | 0.333 | 6  | 0.208 | 7 | 1.000 | 22 | 0.875 | 2.417  | 0.604  | 0.041 | 0.025  | 0.975   | 16 |
| M19 | 8  | 0.292 | 7  | 0.250 | 1 | 0.000 | 19 | 0.750 | 1.292  | 0.323  | 0.022 | 0.007  | 0.993   | 1  |
| M20 | 4  | 0.125 | 5  | 0.167 | 7 | 1.000 | 12 | 0.458 | 1.750  | 0.438  | 0.030 | 0.013  | 0.987   | 3  |
| M21 | 3  | 0.083 | 1  | 0.000 | 7 | 1.000 | 15 | 0.583 | 1.667  | 0.417  | 0.028 | 0.012  | 0.988   | 2  |
| M22 | 2  | 0.042 | 2  | 0.042 | 7 | 1.000 | 21 | 0.833 | 1.917  | 0.479  | 0.033 | 0.016  | 0.984   | 4  |
| M23 | 10 | 0.375 | 17 | 0.667 | 7 | 1.000 | 11 | 0.417 | 2.458  | 0.615  | 0.042 | 0.026  | 0.974   | 17 |
| M24 | 18 | 0.708 | 21 | 0.833 | 7 | 1.000 | 6  | 0.208 | 2.750  | 0.688  | 0.047 | 0.032  | 0.968   | 19 |
| M25 | 7  | 0.250 | 14 | 0.542 | 7 | 1.000 | 14 | 0.542 | 2.333  | 0.583  | 0.040 | 0.023  | 0.977   | 13 |
| M   |    |       |    |       |   |       |    |       | 58.833 | 14.708 | 1.000 | 14.708 | -13.708 |    |
| T1  | 2  | 0.333 | 2  | 0.333 | 3 | 1.000 | 2  | 0.333 | 2.000  | 0.500  | 0.250 | 0.125  | 0.875   | 3  |
| T2  | 3  | 0.667 | 4  | 1.000 | 3 | 1.000 | 4  | 1.000 | 3.667  | 0.917  | 0.458 | 0.420  | 0.580   | 4  |
| T3  | 1  | 0.000 | 1  | 0.000 | 1 | 0.000 | 3  | 0.667 | 0.667  | 0.167  | 0.083 | 0.014  | 0.986   | 1  |
| T4  | 4  | 1.000 | 3  | 0.667 | 1 | 0.000 | 1  | 0.000 | 1.667  | 0.417  | 0.208 | 0.087  | 0.913   | 2  |
| T   |    |       |    |       |   |       |    |       | 8.000  | 2.000  | 1     | 2      | -1.000  |    |
| S1  | 3  | 0.143 | 3  | 0.143 | 2 | 0.143 | 11 | 0.714 | 1.143  | 0.286  | 0.034 | 0.010  | 0.990   | 2  |
| S2  | 12 | 0.786 | 8  | 0.500 | 5 | 0.571 | 1  | 0.000 | 1.857  | 0.464  | 0.055 | 0.026  | 0.974   | 4  |
| S3  | 7  | 0.429 | 10 | 0.643 | 8 | 1.000 | 5  | 0.286 | 2.357  | 0.589  | 0.070 | 0.041  | 0.959   | 9  |
| S4  | 15 | 1.000 | 15 | 1.000 | 8 | 1.000 | 15 | 1.000 | 4.000  | 1.000  | 0.119 | 0.119  | 0.881   | 15 |
| S5  | 1  | 0.000 | 2  | 0.071 | 8 | 1.000 | 14 | 0.929 | 2.000  | 0.500  | 0.060 | 0.030  | 0.970   | 5  |
| S6  | 6  | 0.357 | 5  | 0.286 | 7 | 0.857 | 12 | 0.786 | 2.286  | 0.571  | 0.068 | 0.039  | 0.961   | 8  |
| S7  | 10 | 0.643 | 7  | 0.429 | 8 | 1.000 | 9  | 0.571 | 2.643  | 0.661  | 0.079 | 0.052  | 0.948   | 11 |
| S8  | 14 | 0.929 | 14 | 0.929 | 8 | 1.000 | 4  | 0.214 | 3.071  | 0.768  | 0.092 | 0.070  | 0.930   | 13 |
| S9  | 8  | 0.500 | 12 | 0.786 | 8 | 1.000 | 13 | 0.857 | 3.143  | 0.786  | 0.094 | 0.074  | 0.926   | 14 |
| S10 | 9  | 0.571 | 11 | 0.714 | 8 | 1.000 | 8  | 0.500 | 2.786  | 0.696  | 0.083 | 0.058  | 0.942   | 12 |
| S11 | 4  | 0.214 | 6  | 0.357 | 8 | 1.000 | 10 | 0.643 | 2.214  | 0.554  | 0.066 | 0.037  | 0.963   | 6  |
| S12 | 11 | 0.714 | 9  | 0.571 | 6 | 0.714 | 7  | 0.429 | 2.429  | 0.607  | 0.072 | 0.044  | 0.956   | 10 |
| S13 | 2  | 0.071 | 1  | 0.000 | 1 | 0.000 | 3  | 0.143 | 0.214  | 0.054  | 0.006 | 0.000  | 1.000   | 1  |
| S14 | 5  | 0.286 | 4  | 0.214 | 3 | 0.286 | 6  | 0.357 | 1.143  | 0.286  | 0.034 | 0.010  | 0.990   | 2  |
| S15 | 13 | 0.857 | 13 | 0.857 | 4 | 0.429 | 2  | 0.071 | 2.214  | 0.554  | 0.066 | 0.037  | 0.963   | 6  |
| S   |    |       |    |       |   |       |    |       | 33.500 |        |       |        |         |    |

Table A1.1.33 Prioritization of Sectors for TAMIL NADU based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Worker-Rank | Worker-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|-------------|---------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |             |               |              | (Feature Score)  |         |          |                     |                  |
| M1                | 22         | 1.000        | 22         | 1.000        | 4              | 1.000            | 22          | 1.000         | 4.000        | 1.000            | 0.062   | 0.062    | 0.938               | 22               |
| M2                | 14         | 0.619        | 14         | 0.619        | 1              | 0.000            | 4           | 0.143         | 1.381        | 0.345            | 0.021   | 0.007    | 0.993               | 1                |
| M3                | 12         | 0.524        | 5          | 0.190        | 4              | 1.000            | 18          | 0.810         | 2.524        | 0.631            | 0.039   | 0.024    | 0.976               | 12               |
| M4                | 22         | 1.000        | 22         | 1.000        | 4              | 1.000            | 22          | 1.000         | 4.000        | 1.000            | 0.062   | 0.062    | 0.938               | 22               |
| M5                | 20         | 0.905        | 19         | 0.857        | 4              | 1.000            | 5           | 0.190         | 2.952        | 0.738            | 0.045   | 0.034    | 0.966               | 19               |
| M6                | 19         | 0.857        | 21         | 0.952        | 2              | 0.333            | 1           | 0.000         | 2.143        | 0.536            | 0.033   | 0.018    | 0.982               | 7                |
| M7                | 16         | 0.714        | 12         | 0.524        | 4              | 1.000            | 9           | 0.381         | 2.619        | 0.655            | 0.040   | 0.026    | 0.974               | 15               |
| M8                | 11         | 0.476        | 13         | 0.571        | 3              | 0.667            | 2           | 0.048         | 1.762        | 0.440            | 0.027   | 0.012    | 0.988               | 5                |
| M9                | 9          | 0.381        | 3          | 0.095        | 4              | 1.000            | 14          | 0.619         | 2.095        | 0.524            | 0.032   | 0.017    | 0.983               | 6                |
| M10               | 10         | 0.429        | 11         | 0.476        | 4              | 1.000            | 11          | 0.476         | 2.381        | 0.595            | 0.037   | 0.022    | 0.978               | 10               |
| M11               | 22         | 1.000        | 22         | 1.000        | 4              | 1.000            | 22          | 1.000         | 4.000        | 1.000            | 0.062   | 0.062    | 0.938               | 22               |
| M12               | 15         | 0.667        | 15         | 0.667        | 4              | 1.000            | 8           | 0.333         | 2.667        | 0.667            | 0.041   | 0.027    | 0.973               | 16               |
| M13               | 21         | 0.952        | 2          | 0.048        | 4              | 1.000            | 19          | 0.857         | 2.857        | 0.714            | 0.044   | 0.031    | 0.969               | 17               |
| M14               | 1          | 0.000        | 6          | 0.238        | 4              | 1.000            | 7           | 0.286         | 1.524        | 0.381            | 0.023   | 0.009    | 0.991               | 2                |
| M15               | 17         | 0.762        | 17         | 0.762        | 4              | 1.000            | 10          | 0.429         | 2.952        | 0.738            | 0.045   | 0.034    | 0.966               | 19               |
| M16               | 7          | 0.286        | 8          | 0.333        | 4              | 1.000            | 20          | 0.905         | 2.524        | 0.631            | 0.039   | 0.024    | 0.976               | 12               |
| M17               | 6          | 0.238        | 7          | 0.286        | 4              | 1.000            | 3           | 0.095         | 1.619        | 0.405            | 0.025   | 0.010    | 0.990               | 3                |
| M18               | 22         | 1.000        | 22         | 1.000        | 4              | 1.000            | 22          | 1.000         | 4.000        | 1.000            | 0.062   | 0.062    | 0.938               | 22               |
| M19               | 5          | 0.190        | 10         | 0.429        | 4              | 1.000            | 13          | 0.571         | 2.190        | 0.548            | 0.034   | 0.018    | 0.982               | 9                |
| M20               | 8          | 0.333        | 4          | 0.143        | 4              | 1.000            | 15          | 0.667         | 2.143        | 0.536            | 0.033   | 0.018    | 0.982               | 7                |
| M21               | 3          | 0.095        | 1          | 0.000        | 4              | 1.000            | 12          | 0.524         | 1.619        | 0.405            | 0.025   | 0.010    | 0.990               | 3                |
| M22               | 4          | 0.143        | 9          | 0.381        | 4              | 1.000            | 21          | 0.952         | 2.476        | 0.619            | 0.038   | 0.024    | 0.976               | 11               |

|     |    |       |    |       |   |       |    |       |        |        |       |        |         |    |
|-----|----|-------|----|-------|---|-------|----|-------|--------|--------|-------|--------|---------|----|
| M23 | 2  | 0.048 | 16 | 0.714 | 4 | 1.000 | 17 | 0.762 | 2.524  | 0.631  | 0.039 | 0.024  | 0.976   | 12 |
| M24 | 18 | 0.810 | 18 | 0.810 | 4 | 1.000 | 6  | 0.238 | 2.857  | 0.714  | 0.044 | 0.031  | 0.969   | 17 |
| M25 | 13 | 0.571 | 20 | 0.905 | 4 | 1.000 | 16 | 0.714 | 3.190  | 0.798  | 0.049 | 0.039  | 0.961   | 21 |
| M   |    |       |    |       |   |       |    |       | 65.000 | 16.250 | 1.000 | 16.250 | -15.250 |    |
| T1  | 2  | 0.333 | 2  | 0.333 | 2 | 1.000 | 3  | 0.667 | 2.333  | 0.583  | 0.259 | 0.151  | 0.849   | 3  |
| T2  | 4  | 1.000 | 4  | 1.000 | 2 | 1.000 | 4  | 1.000 | 4.000  | 1.000  | 0.444 | 0.444  | 0.556   | 4  |
| T3  | 1  | 0.000 | 1  | 0.000 | 2 | 1.000 | 2  | 0.333 | 1.333  | 0.333  | 0.148 | 0.049  | 0.951   | 1  |
| T4  | 3  | 0.667 | 3  | 0.667 | 1 | 0.000 | 1  | 0.000 | 1.333  | 0.333  | 0.148 | 0.049  | 0.951   | 1  |
| T   |    |       |    |       |   |       |    |       | 9.000  | 2.25   | 1     | 2.25   | -1.250  |    |
| S1  | 4  | 0.231 | 2  | 0.077 | 4 | 1.000 | 13 | 0.923 | 2.231  | 0.558  | 0.060 | 0.034  | 0.966   | 5  |
| S2  | 12 | 0.846 | 9  | 0.615 | 4 | 1.000 | 3  | 0.154 | 2.615  | 0.654  | 0.071 | 0.046  | 0.954   | 10 |
| S3  | 5  | 0.308 | 6  | 0.385 | 3 | 0.667 | 4  | 0.231 | 1.590  | 0.397  | 0.043 | 0.017  | 0.983   | 3  |
| S4  | 14 | 1.000 | 14 | 1.000 | 4 | 1.000 | 14 | 1.000 | 4.000  | 1.000  | 0.108 | 0.108  | 0.892   | 14 |
| S5  | 14 | 1.000 | 14 | 1.000 | 4 | 1.000 | 14 | 1.000 | 4.000  | 1.000  | 0.108 | 0.108  | 0.892   | 14 |
| S6  | 7  | 0.462 | 8  | 0.538 | 4 | 1.000 | 11 | 0.769 | 2.769  | 0.692  | 0.075 | 0.052  | 0.948   | 11 |
| S7  | 11 | 0.769 | 10 | 0.692 | 2 | 0.333 | 7  | 0.462 | 2.256  | 0.564  | 0.061 | 0.034  | 0.966   | 7  |
| S8  | 13 | 0.923 | 13 | 0.923 | 4 | 1.000 | 5  | 0.308 | 3.154  | 0.788  | 0.085 | 0.067  | 0.933   | 12 |
| S9  | 9  | 0.615 | 12 | 0.846 | 4 | 1.000 | 12 | 0.846 | 3.308  | 0.827  | 0.089 | 0.074  | 0.926   | 13 |
| S10 | 3  | 0.154 | 7  | 0.462 | 4 | 1.000 | 9  | 0.615 | 2.231  | 0.558  | 0.060 | 0.034  | 0.966   | 5  |
| S11 | 6  | 0.385 | 4  | 0.231 | 1 | 0.000 | 10 | 0.692 | 1.308  | 0.327  | 0.035 | 0.012  | 0.988   | 2  |
| S12 | 8  | 0.538 | 5  | 0.308 | 4 | 1.000 | 8  | 0.538 | 2.385  | 0.596  | 0.064 | 0.038  | 0.962   | 8  |
| S13 | 1  | 0.000 | 1  | 0.000 | 4 | 1.000 | 1  | 0.000 | 1.000  | 0.250  | 0.027 | 0.007  | 0.993   | 1  |
| S14 | 2  | 0.077 | 3  | 0.154 | 4 | 1.000 | 6  | 0.385 | 1.615  | 0.404  | 0.044 | 0.018  | 0.982   | 4  |
| S15 | 10 | 0.692 | 11 | 0.769 | 4 | 1.000 | 2  | 0.077 | 2.538  | 0.635  | 0.069 | 0.044  | 0.956   | 9  |
| S   |    |       |    |       |   |       |    |       | 37.000 |        |       |        |         |    |

Table A1.1.34 Prioritization of Sectors for PUDUCHERRY based on comprehensive ensemble-based feature selection methodology

| Activity Category | GVAPW Rank | GVAPW-Scaled | GVAPE Rank | GVAPE-Scaled | Inclusion Rank | Inclusion-Scaled | Workers-Rank | Workers-Scaled | Total Scaled | Avg Total Scaled | Weights | Priority | Normalized Priority | Overall Priority |
|-------------------|------------|--------------|------------|--------------|----------------|------------------|--------------|----------------|--------------|------------------|---------|----------|---------------------|------------------|
|                   |            |              |            |              |                |                  |              |                |              | (Feature Score)  |         |          |                     |                  |
| M1                | 14         | 1.000        | 14         | 1.000        | 16             | 1.000            | 14           | 1.000          | 4.000        | 1.000            | 0.056   | 0.056    | 0.944               | 19               |
| M2                | 10         | 0.692        | 12         | 0.846        | 10             | 0.600            | 2            | 0.077          | 2.215        | 0.554            | 0.031   | 0.017    | 0.983               | 8                |
| M3                | 14         | 1.000        | 14         | 1.000        | 13             | 0.800            | 14           | 1.000          | 3.800        | 0.950            | 0.054   | 0.051    | 0.949               | 18               |
| M4                | 14         | 1.000        | 14         | 1.000        | 16             | 1.000            | 14           | 1.000          | 4.000        | 1.000            | 0.056   | 0.056    | 0.944               | 19               |
| M5                | 5          | 0.308        | 9          | 0.615        | 11             | 0.667            | 13           | 0.923          | 2.513        | 0.628            | 0.035   | 0.022    | 0.978               | 12               |
| M6                | 11         | 0.769        | 13         | 0.923        | 11             | 0.667            | 1            | 0.000          | 2.359        | 0.590            | 0.033   | 0.020    | 0.980               | 10               |
| M7                | 14         | 1.000        | 14         | 1.000        | 4              | 0.200            | 14           | 1.000          | 3.200        | 0.800            | 0.045   | 0.036    | 0.964               | 15               |
| M8                | 12         | 0.846        | 11         | 0.769        | 13             | 0.800            | 6            | 0.385          | 2.800        | 0.700            | 0.040   | 0.028    | 0.972               | 13               |
| M9                | 13         | 0.923        | 10         | 0.692        | 2              | 0.067            | 11           | 0.769          | 2.451        | 0.613            | 0.035   | 0.021    | 0.979               | 11               |
| M10               | 7          | 0.462        | 5          | 0.308        | 7              | 0.400            | 5            | 0.308          | 1.477        | 0.369            | 0.021   | 0.008    | 0.992               | 2                |
| M11               | 14         | 1.000        | 14         | 1.000        | 16             | 1.000            | 14           | 1.000          | 4.000        | 1.000            | 0.056   | 0.056    | 0.944               | 19               |
| M12               | 14         | 1.000        | 14         | 1.000        | 6              | 0.333            | 14           | 1.000          | 3.333        | 0.833            | 0.047   | 0.039    | 0.961               | 17               |
| M13               | 14         | 1.000        | 14         | 1.000        | 1              | 0.000            | 14           | 1.000          | 3.000        | 0.750            | 0.042   | 0.032    | 0.968               | 14               |
| M14               | 14         | 1.000        | 14         | 1.000        | 5              | 0.267            | 14           | 1.000          | 3.267        | 0.817            | 0.046   | 0.038    | 0.962               | 16               |
| M15               | 1          | 0.000        | 3          | 0.154        | 8              | 0.467            | 7            | 0.462          | 1.082        | 0.271            | 0.015   | 0.004    | 0.996               | 1                |
| M16               | 14         | 1.000        | 14         | 1.000        | 16             | 1.000            | 14           | 1.000          | 4.000        | 1.000            | 0.056   | 0.056    | 0.944               | 19               |
| M17               | 8          | 0.538        | 8          | 0.538        | 16             | 1.000            | 4            | 0.231          | 2.308        | 0.577            | 0.033   | 0.019    | 0.981               | 9                |
| M18               | 14         | 1.000        | 14         | 1.000        | 16             | 1.000            | 14           | 1.000          | 4.000        | 1.000            | 0.056   | 0.056    | 0.944               | 19               |
| M19               | 14         | 1.000        | 14         | 1.000        | 16             | 1.000            | 14           | 1.000          | 4.000        | 1.000            | 0.056   | 0.056    | 0.944               | 19               |
| M20               | 6          | 0.385        | 1          | 0.000        | 15             | 0.933            | 8            | 0.538          | 1.856        | 0.464            | 0.026   | 0.012    | 0.988               | 6                |
| M21               | 9          | 0.615        | 2          | 0.077        | 3              | 0.133            | 12           | 0.846          | 1.672        | 0.418            | 0.024   | 0.010    | 0.990               | 3                |
| M22               | 14         | 1.000        | 14         | 1.000        | 16             | 1.000            | 14           | 1.000          | 4.000        | 1.000            | 0.056   | 0.056    | 0.944               | 19               |
| M23               | 3          | 0.154        | 7          | 0.462        | 16             | 1.000            | 3            | 0.154          | 1.769        | 0.442            | 0.025   | 0.011    | 0.989               | 4                |
| M24               | 4          | 0.231        | 6          | 0.385        | 9              | 0.533            | 10           | 0.692          | 1.841        | 0.460            | 0.026   | 0.012    | 0.988               | 5                |
| M25               | 2          | 0.077        | 4          | 0.231        | 16             | 1.000            | 9            | 0.615          | 1.923        | 0.481            | 0.027   | 0.013    | 0.987               | 7                |
| M                 |            |              |            |              |                |                  |              |                | 70.867       |                  |         |          |                     |                  |
| T1                | 2          | 0.333        | 2          | 0.333        | 4              | 1.000            | 2            | 0.333          | 2.000        | 0.500            | 0.250   | 0.125    | 0.875               | 3                |
| T2                | 4          | 1.000        | 4          | 1.000        | 3              | 0.667            | 4            | 1.000          | 3.667        | 0.917            | 0.458   | 0.420    | 0.580               | 4                |
| T3                | 1          | 0.000        | 1          | 0.000        | 1              | 0.000            | 3            | 0.667          | 0.667        | 0.167            | 0.083   | 0.014    | 0.986               | 1                |

|     |    |       |    |       |    |       |    |       |        |       |       |       |       |    |
|-----|----|-------|----|-------|----|-------|----|-------|--------|-------|-------|-------|-------|----|
| T4  | 3  | 0.667 | 3  | 0.667 | 2  | 0.333 | 1  | 0.000 | 1.667  | 0.417 | 0.208 | 0.087 | 0.913 | 2  |
| T   |    |       |    |       |    |       |    |       | 8.000  |       |       |       |       |    |
| S1  | 1  | 0.000 | 1  | 0.000 | 1  | 0.000 | 6  | 0.385 | 0.385  | 0.096 | 0.012 | 0.001 | 0.999 | 1  |
| S2  | 11 | 0.769 | 6  | 0.385 | 3  | 0.182 | 1  | 0.000 | 1.336  | 0.334 | 0.041 | 0.014 | 0.986 | 3  |
| S3  | 4  | 0.231 | 9  | 0.615 | 12 | 1.000 | 3  | 0.154 | 2.000  | 0.500 | 0.061 | 0.030 | 0.970 | 6  |
| S4  | 2  | 0.077 | 4  | 0.231 | 12 | 1.000 | 12 | 0.846 | 2.154  | 0.538 | 0.066 | 0.035 | 0.965 | 8  |
| S5  | 14 | 1.000 | 14 | 1.000 | 12 | 1.000 | 14 | 1.000 | 4.000  | 1.000 | 0.122 | 0.122 | 0.878 | 15 |
| S6  | 6  | 0.385 | 12 | 0.846 | 12 | 1.000 | 9  | 0.615 | 2.846  | 0.712 | 0.087 | 0.062 | 0.938 | 13 |
| S7  | 7  | 0.462 | 7  | 0.462 | 8  | 0.636 | 10 | 0.692 | 2.252  | 0.563 | 0.069 | 0.039 | 0.961 | 9  |
| S8  | 13 | 0.923 | 13 | 0.923 | 6  | 0.455 | 5  | 0.308 | 2.608  | 0.652 | 0.079 | 0.052 | 0.948 | 11 |
| S9  | 3  | 0.154 | 5  | 0.308 | 8  | 0.636 | 13 | 0.923 | 2.021  | 0.505 | 0.062 | 0.031 | 0.969 | 7  |
| S10 | 14 | 1.000 | 14 | 1.000 | 10 | 0.818 | 14 | 1.000 | 3.818  | 0.955 | 0.116 | 0.111 | 0.889 | 14 |
| S11 | 8  | 0.538 | 10 | 0.692 | 10 | 0.818 | 11 | 0.769 | 2.818  | 0.705 | 0.086 | 0.061 | 0.939 | 12 |
| S12 | 9  | 0.615 | 8  | 0.538 | 5  | 0.364 | 7  | 0.462 | 1.979  | 0.495 | 0.060 | 0.030 | 0.970 | 5  |
| S13 | 5  | 0.308 | 3  | 0.154 | 2  | 0.091 | 2  | 0.077 | 0.629  | 0.157 | 0.019 | 0.003 | 0.997 | 2  |
| S14 | 10 | 0.692 | 2  | 0.077 | 4  | 0.273 | 8  | 0.538 | 1.580  | 0.395 | 0.048 | 0.019 | 0.981 | 4  |
| S15 | 12 | 0.846 | 11 | 0.769 | 7  | 0.545 | 4  | 0.231 | 2.392  | 0.598 | 0.073 | 0.044 | 0.956 | 10 |
| S   |    |       |    |       |    |       |    |       | 32.818 |       |       |       |       |    |

Table A1.1.35 Prioritization of Sectors for ANDAMAN & NICOBAR ISLANDS based on comprehensive ensemble-based feature selection methodology

Now, it is important to not only have a states' specific geographic prioritization but also a combined state specific prioritization. For this we used a nested version of the previously discussed ensemble algorithm. Table A1.1.36. This also shows the overall prioritization of the sectors.

| Activity   | Total Scaled | Avg Total Scaled   | Weights     | Priority      | Overall Priority | Description of the Activities                                                                                                    |
|------------|--------------|--------------------|-------------|---------------|------------------|----------------------------------------------------------------------------------------------------------------------------------|
|            |              | (Feature Score-FS) |             | 1-(FS*Weight) |                  |                                                                                                                                  |
| <b>M1</b>  | 31.316       | 0.894750298        | 0.065175865 | 0.941683875   | <b>25</b>        | Cotton ginning, cleaning and bailing,                                                                                            |
| <b>M2</b>  | 10.541       | 0.301175531        | 0.021938384 | 0.993392695   | <b>3</b>         | Manufacture of food products,                                                                                                    |
| <b>M3</b>  | 22.473       | 0.64209601         | 0.046771891 | 0.969967956   | <b>17</b>        | Manufacture of beverages,                                                                                                        |
| <b>M4</b>  | 23.667       | 0.676196997        | 0.049255892 | 0.966693313   | <b>18</b>        | Manufacture of tobacco products,                                                                                                 |
| <b>M5</b>  | 12.590       | 0.359705274        | 0.026201838 | 0.990575061   | <b>5</b>         | Manufacture of textiles,                                                                                                         |
| <b>M6</b>  | 12.995       | 0.371294179        | 0.027046003 | 0.989957976   | <b>6</b>         | Manufacture of wearing apparel,                                                                                                  |
| <b>M7</b>  | 25.519       | 0.729105137        | 0.053109855 | 0.961277332   | <b>21</b>        | Manufacture of leather and related products,                                                                                     |
| <b>M8</b>  | 19.012       | 0.54320237         | 0.039568229 | 0.978506444   | <b>11</b>        | Manufacture of wood and products of wood and cork, except furniture;<br>manufacture of articles of straw and plaiting materials, |
| <b>M9</b>  | 19.092       | 0.545474891        | 0.039733765 | 0.978326229   | <b>12</b>        | Manufacture of paper and paper products,                                                                                         |
| <b>M10</b> | 10.690       | 0.305421009        | 0.022247636 | 0.993205105   | <b>4</b>         | Printing and reproduction of recorded media,                                                                                     |
| <b>M11</b> | 28.058       | 0.801643767        | 0.058393751 | 0.953189013   | <b>24</b>        | Manufacture of coke and refined petroleum products,                                                                              |
| <b>M12</b> | 20.890       | 0.596845139        | 0.043475703 | 0.974051738   | <b>15</b>        | Manufacture of chemicals and chemical products,                                                                                  |
| <b>M13</b> | 25.749       | 0.735687241        | 0.053589312 | 0.960575027   | <b>22</b>        | Manufacture of pharmaceuticals, medicinal chemical and botanical products,                                                       |
| <b>M14</b> | 16.606       | 0.474467949        | 0.03456144  | 0.983601704   | <b>9</b>         | Manufacture of rubber and plastics products,                                                                                     |
| <b>M15</b> | 9.895        | 0.282707403        | 0.020593119 | 0.994178173   | <b>1</b>         | Manufacture of other non-metallic mineral products,                                                                              |
| <b>M16</b> | 24.275       | 0.693576806        | 0.050521882 | 0.964959195   | <b>19</b>        | Manufacture of basic metals,                                                                                                     |
| <b>M17</b> | 10.123       | 0.289222458        | 0.021067692 | 0.99390675    | <b>2</b>         | Manufacture of fabricated metal products, except machinery and equipment,                                                        |
| <b>M18</b> | 25.188       | 0.719665152        | 0.052422222 | 0.962273553   | <b>20</b>        | Manufacture of computer, electronic and optical products,                                                                        |
| <b>M19</b> | 21.082       | 0.602346473        | 0.043876434 | 0.973571185   | <b>16</b>        | Manufacture of electrical equipment,                                                                                             |
| <b>M20</b> | 19.532       | 0.558069022        | 0.040651153 | 0.977313851   | <b>14</b>        | Manufacture of machinery and equipment n.e.c.,                                                                                   |
| <b>M21</b> | 18.254       | 0.521551294        | 0.03799111  | 0.980185687   | <b>10</b>        | Manufacture of motor vehicles, trailers and semi-trailers,                                                                       |
| <b>M22</b> | 26.986       | 0.771014627        | 0.056162647 | 0.956697777   | <b>23</b>        | Manufacture of other transport equipment,                                                                                        |
| <b>M23</b> | 13.571       | 0.387742235        | 0.028244121 | 0.989048561   | <b>8</b>         | Manufacture of furniture,                                                                                                        |
| <b>M24</b> | 13.003       | 0.37150286         | 0.027061204 | 0.989946685   | <b>7</b>         | Other manufacturing,                                                                                                             |
| <b>M25</b> | 19.382       | 0.553781646        | 0.04033885  | 0.977661085   | <b>13</b>        | Repair and installation of machinery and equipment,                                                                              |
| <b>M</b>   | 480.489      |                    |             |               |                  |                                                                                                                                  |
| <b>T1</b>  | 23.000       | 0.657142857        | 0.346733668 | 0.772146447   | <b>3</b>         | Trade and repair of motor vehicles and motor cycles,                                                                             |

|            |         |             |             |             |           |                                                                       |
|------------|---------|-------------|-------------|-------------|-----------|-----------------------------------------------------------------------|
| <b>T2</b>  | 26.000  | 0.742857143 | 0.391959799 | 0.708829864 | <b>4</b>  | Activities of commission agents,                                      |
| <b>T3</b>  | 3.667   | 0.104761905 | 0.055276382 | 0.994209141 | <b>1</b>  | Other wholesale trade,                                                |
| <b>T4</b>  | 13.667  | 0.39047619  | 0.206030151 | 0.919550132 | <b>2</b>  | Other retail trade,                                                   |
| <b>T</b>   | 66.333  |             |             |             |           |                                                                       |
| <b>S1</b>  | 7.663   | 0.218938205 | 0.02829805  | 0.993804476 | <b>3</b>  | Accommodation,                                                        |
| <b>S2</b>  | 12.570  | 0.359128966 | 0.046417889 | 0.983329991 | <b>5</b>  | Food service activities,                                              |
| <b>S3</b>  | 16.273  | 0.464949336 | 0.060095311 | 0.972058725 | <b>6</b>  | Land transport,                                                       |
| <b>S4</b>  | 33.371  | 0.953446553 | 0.123234216 | 0.882502762 | <b>15</b> | Water transport,                                                      |
| <b>S5</b>  | 30.119  | 0.860544218 | 0.111226467 | 0.904284707 | <b>14</b> | Warehousing and storage,                                              |
| <b>S6</b>  | 25.214  | 0.720408163 | 0.093113699 | 0.932920131 | <b>13</b> | Support activities for transportation, postal and courier activities, |
| <b>S7</b>  | 18.554  | 0.53010323  | 0.068516537 | 0.963679163 | <b>9</b>  | Information and Communication,                                        |
| <b>S8</b>  | 24.489  | 0.699671757 | 0.090433491 | 0.936726241 | <b>11</b> | Financial service activities except insurance and pension funding,    |
| <b>S9</b>  | 24.625  | 0.703584511 | 0.090939219 | 0.936016574 | <b>12</b> | Other financial activities,                                           |
| <b>S10</b> | 20.025  | 0.572135008 | 0.073949199 | 0.957691074 | <b>10</b> | Real estate activities,                                               |
| <b>S11</b> | 12.333  | 0.352383331 | 0.045546007 | 0.983950346 | <b>4</b>  | Professional, Scientific and Technical activities,                    |
| <b>S12</b> | 17.784  | 0.508127587 | 0.065676156 | 0.966628133 | <b>7</b>  | Administrative and support service activities,                        |
| <b>S13</b> | 4.448   | 0.127087199 | 0.016426187 | 0.997912442 | <b>1</b>  | Education,                                                            |
| <b>S14</b> | 4.814   | 0.137545788 | 0.017777973 | 0.997554715 | <b>2</b>  | Human Health and Social work,                                         |
| <b>S15</b> | 18.508  | 0.528811665 | 0.0683496   | 0.963855934 | <b>8</b>  | Other community, social and personal service activities,              |
| <b>S</b>   | 270.790 |             |             | 0.941683875 | <b>25</b> | S:Other services(Total)                                               |

Table A1.1.36 Overall Prioritization of Sectors based on comprehensive ensemble-based feature selection methodology with highlighted activities being the top most in the priority order

### A1.3. Conclusions

The policy relevance of the informal sector in the economic development of India is well recognised. The problems of unemployment and under-employment in the country can be resolved by focused efforts to enhance the employment-generating capacity of the informal economy and for that prioritising of sectors within informal economy is critical.

As is evident from tables 7.6.1 to 7.6.36, geography based prioritization of sectors has been done for the informal sector. This was primarily done using employment, GVA per worker, GVA per enterprise and inclusion on a state level. As a summary of results derived from these tables following are the state-specific priority sectors and thereafter national level priority sectors based on the calculations displayed in 7.6.36:

| STATE          | SECTOR               | DESCRIPTION OF THE SECTOR                                |
|----------------|----------------------|----------------------------------------------------------|
| Andhra Pradesh | <b>Manufacturing</b> |                                                          |
|                | M14                  | M14: Manufacture of rubber and plastics products,        |
|                | M15                  | M15: Manufacture of other non-metallic mineral products, |
|                | M24                  | M24: Other manufacturing,                                |

|                   |                 |                                                          |
|-------------------|-----------------|----------------------------------------------------------|
|                   | M5              | M: Manufacturing activities                              |
|                   | <b>Trade</b>    |                                                          |
|                   | T1              | T1: Trade and repair of motor vehicles and motor cycles, |
|                   | T2              | T2: Activities of commission agents,                     |
|                   | <b>Services</b> |                                                          |
|                   | S13             | S13: Education,                                          |
|                   | S2              | S2: Food service activities,                             |
|                   | S14             | S14: Human Health and Social work,                       |
|                   |                 |                                                          |
| Jammu and Kashmir | Manufacturing   |                                                          |
|                   | M12             | M12: Manufacture of chemicals and chemical products,     |
|                   | M19             | M19: Manufacture of electrical equipment,                |
|                   | M15             | M15: Manufacture of other non-metallic mineral products, |
|                   | M2              | M2: Manufacture of food products,                        |
|                   | Trade           |                                                          |
|                   | T4              | T4: Other retail trade,                                  |
|                   | T3              | T3: Other wholesale trade,                               |
|                   | Services        |                                                          |
|                   | S10             | S10: Real estate activities,                             |
|                   | S7              | S7: Information and Communication,                       |
|                   | S13             | S13: Education,                                          |
|                   |                 |                                                          |
| Himachal Pradesh  | Manufacturing   |                                                          |
|                   | M9              | M9: Manufacture of paper and paper products,             |
|                   | M2              | M2: Manufacture of food products,                        |
|                   | M19             | M19: Manufacture of electrical equipment,                |
|                   | M2              | M2: Manufacture of food products,                        |
|                   | Trade           |                                                          |
|                   | T3              | T3: Other wholesale trade,                               |
|                   | T1              | T1: Trade and repair of motor vehicles and motor cycles, |
|                   | Services        |                                                          |
|                   | S13             | S13: Education,                                          |
|                   | S1              | S1: Accommodation,                                       |
|                   | S9              | S9: Other financial activities,                          |
|                   |                 |                                                          |



|             |               |                                                                                                                                      |
|-------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Punjab      | Manufacturing |                                                                                                                                      |
|             | M2            | M2: Manufacture of food products,                                                                                                    |
|             | M5            | M5: Manufacture of textiles,                                                                                                         |
|             | M25           | M25: Repair and installation of machinery and equipment,                                                                             |
|             | M6            | M6: Manufacture of wearing apparel,                                                                                                  |
|             | Trade         |                                                                                                                                      |
|             | T3            | T3: Other wholesale trade,                                                                                                           |
|             | T4            | T4: Other retail trade,                                                                                                              |
|             | Services      |                                                                                                                                      |
|             | S13           | S13: Education,                                                                                                                      |
|             | S7            | S7: Information and Communication,                                                                                                   |
|             | S15           | S15: Other community, social and personal service activities,                                                                        |
|             |               |                                                                                                                                      |
| Chandigarh  | Manufacturing |                                                                                                                                      |
|             | M10           | M10: Printing and reproduction of recorded media,                                                                                    |
|             | M15           | M15: Manufacture of other non-metallic mineral products,                                                                             |
|             | M14           | M14: Manufacture of rubber and plastics products,                                                                                    |
|             | M25           | M25: Repair and installation of machinery and equipment,                                                                             |
|             | Trade         |                                                                                                                                      |
|             | T3            | T3: Other wholesale trade,                                                                                                           |
|             | T4            | T4: Other retail trade,                                                                                                              |
|             | Services      |                                                                                                                                      |
|             | S15           | S15: Other community, social and personal service activities,                                                                        |
|             | S14           | S14: Human Health and Social work,                                                                                                   |
|             | S7            | S7: Information and Communication,                                                                                                   |
|             |               |                                                                                                                                      |
| Uttarakhand | Manufacturing |                                                                                                                                      |
|             | M14           | M14: Manufacture of rubber and plastics products,                                                                                    |
|             | M8            | M8: Manufacture of wood and products of wood and cork, except furniture;<br>manufacture of articles of straw and plaiting materials, |
|             | M25           | M25: Repair and installation of machinery and equipment,                                                                             |
|             | M2            | M2: Manufacture of food products,                                                                                                    |
|             | Trade         |                                                                                                                                      |
|             | T3            | T3: Other wholesale trade,                                                                                                           |

|           |               |                                                                                                                                   |
|-----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------|
|           | T4            | T4: Other retail trade,                                                                                                           |
|           | Services      |                                                                                                                                   |
|           | S13           | S13: Education,                                                                                                                   |
|           | S1            | S1: Accommodation,                                                                                                                |
|           | S14           | S14: Human Health and Social work,                                                                                                |
|           |               |                                                                                                                                   |
| Haryana   | Manufacturing |                                                                                                                                   |
|           | M17           | M17: Manufacture of fabricated metal products, except machinery and equipment,                                                    |
|           | M20           | M20: Manufacture of machinery and equipment n.e.c.,                                                                               |
|           | M3            | M3: Manufacture of beverages,                                                                                                     |
|           | M8            | M8: Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials, |
|           | Trade         |                                                                                                                                   |
|           | T3            | T3: Other wholesale trade,                                                                                                        |
|           | T4            | T4: Other retail trade,                                                                                                           |
|           | Services      |                                                                                                                                   |
|           | S9            | S9: Other financial activities,                                                                                                   |
|           | S14           | S14: Human Health and Social work,                                                                                                |
|           | S13           | S13: Education,                                                                                                                   |
|           |               |                                                                                                                                   |
| Delhi     | Manufacturing |                                                                                                                                   |
|           | M2            | M2: Manufacture of food products,                                                                                                 |
|           | M10           | M10: Printing and reproduction of recorded media,                                                                                 |
|           | M14           | M14: Manufacture of rubber and plastics products,                                                                                 |
|           | M5            | M5: Manufacture of textiles,                                                                                                      |
|           | Trade         |                                                                                                                                   |
|           | T3            | T3: Other wholesale trade,                                                                                                        |
|           | T4            | T4: Other retail trade,                                                                                                           |
|           | Services      |                                                                                                                                   |
|           | S14           | S14: Human Health and Social work,                                                                                                |
|           | S11           | S11: Professional, Scientific and Technical activities,                                                                           |
|           | S13           | S13: Education,                                                                                                                   |
|           |               |                                                                                                                                   |
| Rajasthan | Manufacturing |                                                                                                                                   |

|               |               |                                                                                |
|---------------|---------------|--------------------------------------------------------------------------------|
|               | M12           | M12: Manufacture of chemicals and chemical products,                           |
|               | M24           | M24: Other manufacturing,                                                      |
|               | M10           | M10: Printing and reproduction of recorded media,                              |
|               | M15           | M15: Manufacture of other non-metallic mineral products,                       |
|               | Trade         |                                                                                |
|               | T3            | T3: Other wholesale trade,                                                     |
|               | T4            | T4: Other retail trade,                                                        |
|               | Services      |                                                                                |
|               | S7            | S7: Information and Communication,                                             |
|               | S13           | S13: Education,                                                                |
|               | S1            | S1: Accommodation,                                                             |
|               |               |                                                                                |
| Uttar Pradesh | Manufacturing |                                                                                |
|               | M15           | M15: Manufacture of other non-metallic mineral products,                       |
|               | M11           | M11: Manufacture of coke and refined petroleum products,                       |
|               | M7            | M7: Manufacture of leather and related products,                               |
|               | M17           | M17: Manufacture of fabricated metal products, except machinery and equipment, |
|               | Trade         |                                                                                |
|               | T3            | T3: Other wholesale trade,                                                     |
|               | T4            | T4: Other retail trade,                                                        |
|               | Services      |                                                                                |
|               | S13           | S13: Education,                                                                |
|               | S11           | S11: Professional, Scientific and Technical activities,                        |
|               | S14           | S14: Human Health and Social work,                                             |
|               |               |                                                                                |
| Bihar         | Manufacturing |                                                                                |
|               | M19           | M19: Manufacture of electrical equipment,                                      |
|               | M14           | M14: Manufacture of rubber and plastics products,                              |
|               | M5            | M5: Manufacture of textiles,                                                   |
|               | M6            | M6: Manufacture of wearing apparel,                                            |
|               | Trade         |                                                                                |
|               | T3            | T3: Other wholesale trade,                                                     |
|               | T4            | T4: Other retail trade,                                                        |
|               | Services      |                                                                                |

|                   |               |                                                                                                                                      |
|-------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------|
|                   | S14           | S14: Human Health and Social work,                                                                                                   |
|                   | S9            | S9: Other financial activities,                                                                                                      |
|                   | S1            | S1: Accommodation,                                                                                                                   |
|                   |               |                                                                                                                                      |
| Sikkim            | Manufacturing |                                                                                                                                      |
|                   | M2            | M2: Manufacture of food products,                                                                                                    |
|                   | M6            | M6: Manufacture of wearing apparel,                                                                                                  |
|                   | M10           | M10: Printing and reproduction of recorded media,                                                                                    |
|                   | M24           | M24: Other manufacturing,                                                                                                            |
|                   | Trade         |                                                                                                                                      |
|                   | T1            | T1: Trade and repair of motor vehicles and motor cycles,                                                                             |
|                   | T3            | T3: Other wholesale trade,                                                                                                           |
|                   | Services      |                                                                                                                                      |
|                   | S13           | S13: Education,                                                                                                                      |
|                   | S14           | S14: Human Health and Social work,                                                                                                   |
|                   | S1            | S1: Accommodation,                                                                                                                   |
|                   |               |                                                                                                                                      |
| Arunachal Pradesh | Manufacturing |                                                                                                                                      |
|                   | M4            | M4: Manufacture of tobacco products,                                                                                                 |
|                   | M8            | M8: Manufacture of wood and products of wood and cork, except furniture;<br>manufacture of articles of straw and plaiting materials, |
|                   | M24           | M24: Other manufacturing,                                                                                                            |
|                   | M2            | M2: Manufacture of food products,                                                                                                    |
|                   | Trade         |                                                                                                                                      |
|                   | T2            | T2: Activities of commission agents,                                                                                                 |
|                   | T4            | T4: Other retail trade,                                                                                                              |
|                   | Services      |                                                                                                                                      |
|                   | S14           | S14: Human Health and Social work,                                                                                                   |
|                   | S13           | S13: Education,                                                                                                                      |
|                   | S1            | S1: Accommodation,                                                                                                                   |
|                   |               |                                                                                                                                      |
| Nagaland          | Manufacturing |                                                                                                                                      |
|                   | M15           | M15: Manufacture of other non-metallic mineral products,                                                                             |
|                   | M24           | M24: Other manufacturing,                                                                                                            |
|                   | M21           | M21: Manufacture of motor vehicles, trailers and semi-trailers,                                                                      |

|         |               |                                                                                                                                      |
|---------|---------------|--------------------------------------------------------------------------------------------------------------------------------------|
|         | M10           | M10: Printing and reproduction of recorded media,                                                                                    |
|         | Trade         |                                                                                                                                      |
|         | T3            | T3: Other wholesale trade,                                                                                                           |
|         | T4            | T4: Other retail trade,                                                                                                              |
|         | Services      |                                                                                                                                      |
|         | S13           | S13: Education,                                                                                                                      |
|         | S1            | S1: Accommodation,                                                                                                                   |
|         | S14           | S14: Human Health and Social work,                                                                                                   |
|         |               |                                                                                                                                      |
| Manipur | Manufacturing |                                                                                                                                      |
|         | M15           | M15: Manufacture of other non-metallic mineral products,                                                                             |
|         | M23           | M23: Manufacture of furniture,                                                                                                       |
|         | M2            | M2: Manufacture of food products,                                                                                                    |
|         | M8            | M8: Manufacture of wood and products of wood and cork, except furniture;<br>manufacture of articles of straw and plaiting materials, |
|         | Trade         |                                                                                                                                      |
|         | T2            | T2: Activities of commission agents,                                                                                                 |
|         | T3            | T3: Other wholesale trade,                                                                                                           |
|         | Services      |                                                                                                                                      |
|         | S13           | S13: Education,                                                                                                                      |
|         | S14           | S14: Human Health and Social work,                                                                                                   |
|         | S7            | S7: Information and Communication,                                                                                                   |
|         |               |                                                                                                                                      |
| Mizoram | Manufacturing |                                                                                                                                      |
|         | M12           | M12: Manufacture of chemicals and chemical products,                                                                                 |
|         | M5            | M5: Manufacture of textiles,                                                                                                         |
|         | M15           | M15: Manufacture of other non-metallic mineral products,                                                                             |
|         | M14           | M14: Manufacture of rubber and plastics products,                                                                                    |
|         | Trade         |                                                                                                                                      |
|         | T3            | T3: Other wholesale trade,                                                                                                           |
|         | T4            | T4: Other retail trade,                                                                                                              |
|         | Services      |                                                                                                                                      |
|         | S13           | S13: Education,                                                                                                                      |
|         | S14           | S14: Human Health and Social work,                                                                                                   |
|         | S7            | S7: Information and Communication,                                                                                                   |

|           |               |                                                                                 |
|-----------|---------------|---------------------------------------------------------------------------------|
|           |               |                                                                                 |
| Tripura   | Manufacturing |                                                                                 |
|           | M2            | M2: Manufacture of food products,                                               |
|           | M24           | M24: Other manufacturing,                                                       |
|           | M10           | M10: Printing and reproduction of recorded media,                               |
|           | M15           | M15: Manufacture of other non-metallic mineral products,                        |
|           | Trade         |                                                                                 |
|           | T4            | T4: Other retail trade,                                                         |
|           | T1            | T1: Trade and repair of motor vehicles and motor cycles,                        |
|           | Services      |                                                                                 |
|           | S14           | S14: Human Health and Social work,                                              |
|           | S13           | S13: Education,                                                                 |
|           | S11           | S11: Professional, Scientific and Technical activities,                         |
|           |               |                                                                                 |
| Meghalaya | Manufacturing |                                                                                 |
|           | M15           | M15: Manufacture of other non-metallic mineral products,                        |
|           | M14           | M14: Manufacture of rubber and plastics products,                               |
|           | M5            | M5: Manufacture of textiles,                                                    |
|           | M23           | M23: Manufacture of furniture,                                                  |
|           | Trade         |                                                                                 |
|           | T3            | T3: Other wholesale trade,                                                      |
|           | T4            | T4: Other retail trade,                                                         |
|           | Services      |                                                                                 |
|           | S13           | S13: Education,                                                                 |
|           | S3            | S3: Land transport,                                                             |
|           | S2            | S2: Food service activities,                                                    |
|           |               |                                                                                 |
| Assam     | Manufacturing |                                                                                 |
|           | M5            | M5: Manufacture of textiles,                                                    |
|           | M17           | M17: Manufacture of fabricated metal products, except machinery and equipment,  |
|           | M13           | M13: Manufacture of pharmaceuticals, medicinal chemical and botanical products, |
|           | M16           | M16: Manufacture of basic metals,                                               |

|             |               |                                                          |
|-------------|---------------|----------------------------------------------------------|
|             | Trade         |                                                          |
|             | T3            | T3: Other wholesale trade,                               |
|             | T4            | T4: Other retail trade,                                  |
|             | Services      |                                                          |
|             | S1            | S1: Accommodation,                                       |
|             | S14           | S14: Human Health and Social work,                       |
|             | S2            | S2: Food service activities,                             |
|             |               |                                                          |
| West Bengal | Manufacturing |                                                          |
|             | M20           | M20: Manufacture of machinery and equipment n.e.c.,      |
|             | M6            | M6: Manufacture of wearing apparel,                      |
|             | M5            | M5: Manufacture of textiles,                             |
|             | M19           | M19: Manufacture of electrical equipment,                |
|             | Trade         |                                                          |
|             | T3            | T3: Other wholesale trade,                               |
|             | T4            | T4: Other retail trade,                                  |
|             | Services      |                                                          |
|             | S14           | S14: Human Health and Social work,                       |
|             | S11           | S11: Professional, Scientific and Technical activities,  |
|             | S12           | S12: Administrative and support service activities,      |
|             |               |                                                          |
| Jharkhand   | Manufacturing |                                                          |
|             | M15           | M15: Manufacture of other non-metallic mineral products, |
|             | M10           | M10: Printing and reproduction of recorded media,        |
|             | M3            | M3: Manufacture of beverages,                            |
|             | M2            | M2: Manufacture of food products,                        |
|             | Trade         |                                                          |
|             | T4            | T4: Other retail trade,                                  |
|             | T1            | T1: Trade and repair of motor vehicles and motor cycles, |
|             | Services      |                                                          |
|             | S14           | S14: Human Health and Social work,                       |
|             | S2            | S2: Food service activities,                             |
|             | S13           | S13: Education,                                          |
|             |               |                                                          |

|                |               |                                                                                 |
|----------------|---------------|---------------------------------------------------------------------------------|
| Odisha         | Manufacturing |                                                                                 |
|                | M13           | M13: Manufacture of pharmaceuticals, medicinal chemical and botanical products, |
|                | M21           | M21: Manufacture of motor vehicles, trailers and semi-trailers,                 |
|                | M10           | M10: Printing and reproduction of recorded media,                               |
|                | M5            | M5: Manufacture of textiles,                                                    |
|                | Trade         |                                                                                 |
|                | T3            | T3: Other wholesale trade,                                                      |
|                | T1            | T1: Trade and repair of motor vehicles and motor cycles,                        |
|                | Services      |                                                                                 |
|                | S13           | S13: Education,                                                                 |
|                | S14           | S14: Human Health and Social work,                                              |
|                | S2            | S2: Food service activities,                                                    |
|                |               |                                                                                 |
| Chattisgarh    | Manufacturing |                                                                                 |
|                | M9            | M9: Manufacture of paper and paper products,                                    |
|                | M2            | M2: Manufacture of food products,                                               |
|                | M15           | M15: Manufacture of other non-metallic mineral products,                        |
|                | M6            | M6: Manufacture of wearing apparel,                                             |
|                | Trade         |                                                                                 |
|                | T3            | T3: Other wholesale trade,                                                      |
|                | T4            | T4: Other retail trade,                                                         |
|                | Services      |                                                                                 |
|                | S13           | S13: Education,                                                                 |
|                | S10           | S10: Real estate activities,                                                    |
|                | S1            | S1: Accommodation,                                                              |
|                |               |                                                                                 |
| Madhya Pradesh | Manufacturing |                                                                                 |
|                | M14           | M14: Manufacture of rubber and plastics products,                               |
|                | M25           | M25: Repair and installation of machinery and equipment,                        |
|                | M15           | M15: Manufacture of other non-metallic mineral products,                        |
|                | M16           | M16: Manufacture of basic metals,                                               |
|                | Trade         |                                                                                 |
|                | T3            | T3: Other wholesale trade,                                                      |



|                        |               |                                                                                |
|------------------------|---------------|--------------------------------------------------------------------------------|
|                        | T2            | T2: Activities of commission agents,                                           |
|                        | Services      |                                                                                |
|                        | S11           | S11: Professional, Scientific and Technical activities,                        |
|                        | S14           | S14: Human Health and Social work,                                             |
|                        | S13           | S13: Education,                                                                |
|                        |               |                                                                                |
| Gujarat                | Manufacturing |                                                                                |
|                        | M10           | M10: Printing and reproduction of recorded media,                              |
|                        | M17           | M17: Manufacture of fabricated metal products, except machinery and equipment, |
|                        | M2            | M2: Manufacture of food products,                                              |
|                        | M5            | M5: Manufacture of textiles,                                                   |
|                        | Trade         |                                                                                |
|                        | T3            | T3: Other wholesale trade,                                                     |
|                        | T1            | T1: Trade and repair of motor vehicles and motor cycles,                       |
|                        | Services      |                                                                                |
|                        | S14           | S14: Human Health and Social work,                                             |
|                        | S13           | S13: Education,                                                                |
|                        | S1            | S1: Accommodation,                                                             |
|                        |               |                                                                                |
| Daman and Diu          | Manufacturing |                                                                                |
|                        | M12           | M12: Manufacture of chemicals and chemical products,                           |
|                        | M10           | M10: Printing and reproduction of recorded media,                              |
|                        | M14           | M14: Manufacture of rubber and plastics products,                              |
|                        | M17           | M17: Manufacture of fabricated metal products, except machinery and equipment, |
|                        | Trade         |                                                                                |
|                        | T3            | T3: Other wholesale trade,                                                     |
|                        | T4            | T4: Other retail trade,                                                        |
|                        | Services      |                                                                                |
|                        | S1            | S1: Accommodation,                                                             |
|                        | S2            | S2: Food service activities,                                                   |
|                        | S14           | S14: Human Health and Social work,                                             |
|                        |               |                                                                                |
| Dadra and Nagar Haveli | Manufacturing |                                                                                |

|             |               |                                                                                |
|-------------|---------------|--------------------------------------------------------------------------------|
|             | M12           | M12: Manufacture of chemicals and chemical products,                           |
|             | M25           | M25: Repair and installation of machinery and equipment,                       |
|             | M10           | M10: Printing and reproduction of recorded media,                              |
|             | M17           | M17: Manufacture of fabricated metal products, except machinery and equipment, |
|             | Trade         |                                                                                |
|             | T3            | T3: Other wholesale trade,                                                     |
|             | T1            | T1: Trade and repair of motor vehicles and motor cycles,                       |
|             | Services      |                                                                                |
|             | S2            | S2: Food service activities,                                                   |
|             | S1            | S1: Accommodation,                                                             |
|             | S14           | S14: Human Health and Social work,                                             |
|             |               |                                                                                |
| Maharashtra | Manufacturing |                                                                                |
|             | M17           | M17: Manufacture of fabricated metal products, except machinery and equipment, |
|             | M20           | M20: Manufacture of machinery and equipment n.e.c.,                            |
|             | M25           | M25: Repair and installation of machinery and equipment,                       |
|             | M18           | M18: Manufacture of computer, electronic and optical products,                 |
|             | Trade         |                                                                                |
|             | T3            | T3: Other wholesale trade,                                                     |
|             | T2            | T2: Activities of commission agents,                                           |
|             | Services      |                                                                                |
|             | S11           | S11: Professional, Scientific and Technical activities,                        |
|             | S14           | S14: Human Health and Social work,                                             |
|             | S12           | S12: Administrative and support service activities,                            |
|             |               |                                                                                |
| Karnataka   | Manufacturing |                                                                                |
|             | M15           | M15: Manufacture of other non-metallic mineral products,                       |
|             | M19           | M19: Manufacture of electrical equipment,                                      |
|             | M9            | M9: Manufacture of paper and paper products,                                   |
|             | M2            | M2: Manufacture of food products,                                              |
|             | Trade         |                                                                                |
|             | T3            | T3: Other wholesale trade,                                                     |
|             | T2            | T2: Activities of commission agents,                                           |
|             | Services      |                                                                                |

|             |               |                                                                                                                                   |
|-------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------|
|             | S13           | S13: Education,                                                                                                                   |
|             | S14           | S14: Human Health and Social work,                                                                                                |
|             | S2            | S2: Food service activities,                                                                                                      |
|             |               |                                                                                                                                   |
| Goa         | Manufacturing |                                                                                                                                   |
|             | M10           | M10: Printing and reproduction of recorded media,                                                                                 |
|             | M2            | M2: Manufacture of food products,                                                                                                 |
|             | M24           | M24: Other manufacturing,                                                                                                         |
|             | M23           | M23: Manufacture of furniture,                                                                                                    |
|             | Trade         |                                                                                                                                   |
|             | T4            | T4: Other retail trade,                                                                                                           |
|             | T3            | T3: Other wholesale trade,                                                                                                        |
|             | Services      |                                                                                                                                   |
|             | S14           | S14: Human Health and Social work,                                                                                                |
|             | S1            | S1: Accommodation,                                                                                                                |
|             | S6            | S6: Support activities for transportation, postal and courier activities,                                                         |
|             |               |                                                                                                                                   |
| Lakshadweep | Manufacturing |                                                                                                                                   |
|             | M25           | M25: Repair and installation of machinery and equipment,                                                                          |
|             | M17           | M17: Manufacture of fabricated metal products, except machinery and equipment,                                                    |
|             | M8            | M8: Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials, |
|             | M23           | M23: Manufacture of furniture,                                                                                                    |
|             | Trade         |                                                                                                                                   |
|             | T3            | T3: Other wholesale trade,                                                                                                        |
|             | T4            | T4: Other retail trade,                                                                                                           |
|             | Services      |                                                                                                                                   |
|             | S7            | S7: Information and Communication,                                                                                                |
|             | S2            | S2: Food service activities,                                                                                                      |
|             | S13           | S13: Education,                                                                                                                   |
|             |               |                                                                                                                                   |
| Kerala      | Manufacturing |                                                                                                                                   |

|            |               |                                                                                |
|------------|---------------|--------------------------------------------------------------------------------|
|            | M12           | M12: Manufacture of chemicals and chemical products,                           |
|            | M3            | M3: Manufacture of beverages,                                                  |
|            | M10           | M10: Printing and reproduction of recorded media,                              |
|            | M15           | M15: Manufacture of other non-metallic mineral products,                       |
|            | Trade         |                                                                                |
|            | T3            | T3: Other wholesale trade,                                                     |
|            | T4            | T4: Other retail trade,                                                        |
|            | Services      |                                                                                |
|            | S14           | S14: Human Health and Social work,                                             |
|            | S1            | S1: Accommodation,                                                             |
|            | S13           | S13: Education,                                                                |
|            |               |                                                                                |
| Tamil Nadu | Manufacturing |                                                                                |
|            | M19           | M19: Manufacture of electrical equipment,                                      |
|            | M21           | M21: Manufacture of motor vehicles, trailers and semi-trailers,                |
|            | M20           | M20: Manufacture of machinery and equipment n.e.c.,                            |
|            | M17           | M17: Manufacture of fabricated metal products, except machinery and equipment, |
|            | Trade         |                                                                                |
|            | T3            | T3: Other wholesale trade,                                                     |
|            | T4            | T4: Other retail trade,                                                        |
|            | Services      |                                                                                |
|            | S13           | S13: Education,                                                                |
|            | S14           | S14: Human Health and Social work,                                             |
|            | S1            | S1: Accommodation,                                                             |
|            |               |                                                                                |
| Puducherry | Manufacturing |                                                                                |
|            | M2            | M2: Manufacture of food products,                                              |
|            | M14           | M14: Manufacture of rubber and plastics products,                              |
|            | M17           | M17: Manufacture of fabricated metal products, except machinery and equipment, |
|            | M21           | M21: Manufacture of motor vehicles, trailers and semi-trailers,                |
|            | Trade         |                                                                                |
|            | T3            | T3: Other wholesale trade,                                                     |
|            | T4            | T4: Other retail trade,                                                        |

|                             |               |                                                                 |
|-----------------------------|---------------|-----------------------------------------------------------------|
|                             | Services      |                                                                 |
|                             | S13           | S13: Education,                                                 |
|                             | S11           | S11: Professional, Scientific and Technical activities,         |
|                             | S3            | S3: Land transport,                                             |
|                             |               |                                                                 |
| Andaman and Nicobar Islands | Manufacturing |                                                                 |
|                             | M15           | M15: Manufacture of other non-metallic mineral products,        |
|                             | M10           | M10: Printing and reproduction of recorded media,               |
|                             | M21           | M21: Manufacture of motor vehicles, trailers and semi-trailers, |
|                             | M23           | M23: Manufacture of furniture,                                  |
|                             | Trade         |                                                                 |
|                             | T3            | T3: Other wholesale trade,                                      |
|                             | T4            | T4: Other retail trade,                                         |
|                             | Services      |                                                                 |
|                             | S1            | S1: Accommodation,                                              |
|                             | S13           | S13: Education,                                                 |
|                             | S2            | S2: Food service activities,                                    |

## ANEXXURE 2

| STATE          | PRIORITIZED<br>SECTOR/SUBSECTOR <sup>6</sup>             | RURAL |       | URBAN |       | RURAL + URBAN |       |       | ADDITIONAL DETAILS ABOUT SECTORS/SUB-SECTORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------|----------------------------------------------------------|-------|-------|-------|-------|---------------|-------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                |                                                          | OAE   | ESTT. | OAE   | ESTT. | OAE           | ESTT. | ALL   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Andhra Pradesh | <b>Manufacturing</b>                                     |       |       |       |       |               |       |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                | M14: Manufacture of rubber and plastics products,        | 1671  | 55    | 1298  | 6844  | 2969          | 6899  | 9868  | <ul style="list-style-type: none"> <li>Andhra Pradesh is fast emerging as an Auto hub of the country, being ranked much higher on the ease of doing business index. A clutch of top automobile and tyre companies have already committed to set up manufacturing base in the state. Needless to say, rubber sector will get a boost in the state<sup>7</sup></li> </ul>                                                                                                                                                                                                                                        |
|                | M15: Manufacture of other non-metallic mineral products, | 15008 | 6247  | 1851  | 2671  | 16859         | 8918  | 25777 | <ul style="list-style-type: none"> <li>The abundant availability of various raw materials (agricultural produce, minerals, etc.), biggest natural gas reserves (viz. KG basin near Kakinada) and existing industrial eco-system, etc. provides significant opportunities for the state to evolve as one of the most prominent industrial hubs in the country by expanding enterprises in non-metallic mineral sector<sup>8</sup></li> <li>The non-metallic mineral products industry bears a direct correlation with infrastructure development through the provision of primary materials required</li> </ul> |

<sup>6</sup> The prioritization of the sectors/sub-sectors has done using the ensemble algorithm for taking averages of ranks as has been detailed in Appendix 1. This prioritization has been done on sector level and activity (sub-sector) level using NSSO Report No. 549 (67/2.34/2). Once the rankings were in order the prioritization table was created and the data in the same was updated using NSSO Report No. 582 (73/2.34/2). The only difference in activity labelling in the two reports was in trade wherein Report No. 549 (67/2.34/2) has a single T1 which denoted T1: the Report No. 582 (73/2.34/2) had split T1 into T1 and T2 meaning T1: and T2:. So for calculating T1 in this table T1+T2 values of Report No. 582 (73/2.34/2) were used. Similarly for calculating estimated enterprises in T2, T3 and T4 the values corresponding to Report No. 582 (73/2.34/2)'s T3, T4, T5 values were used since they denote the same respective activity with an updated number. Also, in case a particular priority sub-sector (activity) had zero combined estimated enterprises as per Report No. 582 (73/2.34/2) then from the computed ranking the next prioritized sub-sector (activity) for that particular sector for that particular state was taken which had a non-zero combined enterprise value.

<sup>7</sup> <https://www.nationalskillsnetwork.in/rubber-skills-in-andhra-and-tripura/>

<sup>8</sup> [https://crda.ap.gov.in/APCRDADOCS/DETAILED\\_DRAFTPLAN/Chapter%20of%20Dimensions%20of%20Growth.pdf](https://crda.ap.gov.in/APCRDADOCS/DETAILED_DRAFTPLAN/Chapter%20of%20Dimensions%20of%20Growth.pdf)

|  |                                                          |       |      |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                          |
|--|----------------------------------------------------------|-------|------|-------|-------|-------|-------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                                          |       |      |       |       |       |       |       | <p>to undertake building and construction on activity.</p> <ul style="list-style-type: none"> <li>• Andhra Pradesh state has rich mineral base including manganese, limestone, mica, copper, graphite etc.</li> <li>• A lot of the enterprises belonging to this sub-sector are located in the East Godavari and Krishna regions of the state</li> </ul> |
|  | M24: Other manufacturing, <sup>9</sup>                   | 16046 | 591  | 43723 | 2496  | 59769 | 3087  | 62856 | <ul style="list-style-type: none"> <li>• In the ornaments sector, cluster exists at Guntur, and the lead potential value adding firms in the cluster are essentially micro-sized jewellery manufacturing units.</li> <li>• Manufacturing still is done by primitive methods</li> </ul>                                                                   |
|  | M5: Manufacture of textiles,                             | 58065 | 3106 | 34893 | 3225  | 92958 | 6331  | 99289 | <ul style="list-style-type: none"> <li>• Guntur, Prakasam, Vizianagram and East Godavari regions are characterized by significant production of cotton</li> <li>• Focus is mostly on spinning and weaving with minimal focus on value added production.</li> </ul>                                                                                       |
|  | <b>Trade</b>                                             |       |      |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                          |
|  | T1: Trade and repair of motor vehicles and motor cycles, | 19462 | 4911 | 20204 | 17585 | 39666 | 22496 | 62162 | <ul style="list-style-type: none"> <li>• An increase in the number of automobiles on AP roads and the growth of the auto sector has created a big demand for motor vehicle mechanics and traders of motorcycles.</li> <li>• Automobile &amp; Auto Components Policy 2015-20<sup>10</sup></li> </ul>                                                      |

<sup>9</sup> Other Manufacturing, as per RBI, is a combination of “manufacture of medical, precision & optical instruments” and “manufacturing n.e.c (which further includes Manufacturing of jew and related articles, Manufacture of musical instruments, Manufacture of sports goods, Manufacture of games and toys and other manufacturing, <https://m.rbi.org.in/Scripts/PublicationReportDetails.aspx?UrlPage=&ID=881> and [http://www.sspa.in/resources/Utilities/NIC/National\\_Industries\\_of\\_Classification/Division-36\\_SectiD.aspx](http://www.sspa.in/resources/Utilities/NIC/National_Industries_of_Classification/Division-36_SectiD.aspx)

<sup>10</sup> [https://www.apindustries.gov.in/VCIC/Data/PolicyDocuments/Andhra\\_Pradesh\\_Automobile\\_and\\_Auto\\_Components\\_Policy\\_2015\\_20.pdf](https://www.apindustries.gov.in/VCIC/Data/PolicyDocuments/Andhra_Pradesh_Automobile_and_Auto_Components_Policy_2015_20.pdf)

|  |                                                     |       |       |       |       |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--|-----------------------------------------------------|-------|-------|-------|-------|--------|-------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | T2: Activities of commission agents <sup>11</sup> , | 9603  | 261   | 1931  | 844   | 11534  | 1105  | 12639  | <ul style="list-style-type: none"> <li>Characterized by providing access to credit and other factors of production to producers in the state of A.P.</li> </ul>                                                                                                                                                                                                                                                                                                                                                         |
|  | <b>Services</b>                                     |       |       |       |       |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|  | S13: Education,                                     | 2905  | 4870  | 5594  | 9594  | 8499   | 14464 | 22963  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup<sup>12</sup>.</li> <li>Andhra Pradesh is pioneering tech-enabled pedagogy, and as an early-bird adopter of edu-tech, it will be leagues ahead of other states.<sup>13</sup></li> </ul> |
|  | S2: Food service activities,                        | 68453 | 10347 | 81672 | 20899 | 150125 | 31246 | 181371 | <ul style="list-style-type: none"> <li>Micro food enterprises operating with the help of farmer produce organizations, self-help groups and cooperatives with some prominent food clusters (such as the Chilli cluster) is key to this sub-sector in A.P.</li> </ul>                                                                                                                                                                                                                                                    |
|  | S14: Human Health and Social work,                  | 13497 | 1907  | 16079 | 9600  | 29576  | 11507 | 41083  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine<sup>14</sup> and social work</li> </ul>                                                                                                                                                                                                                                                            |

<sup>11</sup> This sub-sector (activity) category on NSSO is largely based on NIC category 461 as per the Note on Note on Sample Design and Estimation Procedure of NSS 67th Round. <http://www.icssrdataservice.in/datarepository/index.php/catalog/90/download/1153> and encompasses, This class includes activities of commission agents, commodity brokers, auctioneers and all other wholesalers who trade on behalf and on the account of others and activities of those involved in bringing sellers and buyers together or undertaking commercial transactions on behalf of a principal, including on the internet. It excludes - wholesale trade in own name (462 to 469), activities of commission agents for motor vehicles (4510), auctions of motor vehicles (4510), retail sale by non-store commission agents (4799), activities of insurance agents (6622) and activities of real estate agents (6820), <http://nicode.su/index.php?url=ocved&id=1227>

<sup>12</sup> <https://www.ibef.org/download/Education-and-Training-April-2020.pdf>

<sup>13</sup> <https://www.financialexpress.com/opinion/andhra-pradesh-is-experimenting-with-edu-tech-in-a-big-way/1567293/>

<sup>14</sup> <https://www.ibef.org/download/Healthcare-April-2020.pdf>



|                 |                                                          |       |      |      |      |       |       |       |                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------|----------------------------------------------------------|-------|------|------|------|-------|-------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                 |                                                          |       |      |      |      |       |       |       | <ul style="list-style-type: none"> <li>Offering a range of healthcare and wellness services under a single brand is a growing trend<sup>15</sup></li> </ul>                                                                                                                                                                                                                   |
| Jammu & Kashmir | <b>Manufacturing</b>                                     |       |      |      |      |       |       |       |                                                                                                                                                                                                                                                                                                                                                                               |
|                 | M12: Manufacture of chemicals and chemical products,     | 0     | 0    | 0    | 24   | 0     | 24    | 24    | <ul style="list-style-type: none"> <li>Abundant and distinct flora serves as potent raw material for extraction and processing of natural/plant based chemicals and chemical products such as essentials oils</li> <li>Chemical industry also supplies to carpet/woollen industry mostly in fabric washing/treating</li> </ul>                                                |
|                 | M19: Manufacture of electrical equipment,                | 0     | 0    | 28   | 340  | 28    | 340   | 368   | <ul style="list-style-type: none"> <li>This includes Renewable energy equipment, Electrical appliances, Electric vehicle spares and other Electrical goods produced in the state.</li> </ul>                                                                                                                                                                                  |
|                 | M15: Manufacture of other non-metallic mineral products, | 136   | 392  | 78   | 24   | 214   | 416   | 630   | <ul style="list-style-type: none"> <li>There is a wide scope of Mineral Resources in J&amp;K State. The important minerals are Limestone, Gypsum, Dolomite, Quartzite besides building stones like, Slate, Marble, Granite etc.</li> <li>Main areas include Srinagar, Pulwana, Leh, Jammu, Kathua and Uthampur<sup>16</sup></li> </ul>                                        |
|                 | M2: Manufacture of food products,                        | 11912 | 6059 | 4127 | 5990 | 16039 | 12049 | 28088 | <ul style="list-style-type: none"> <li>J&amp;K is largest producer of Apple, Walnut, Almond and many other temperate dry and fresh fruits</li> <li>J&amp;K holds number one position in saffron production in India.</li> <li>Small scales enterprises involved in food processing are emerging in the valley region besides the selling of raw fruits and flowers</li> </ul> |

<sup>15</sup> <https://ab-hwc.nhp.gov.in/>

<sup>16</sup> <http://geominjk.nic.in/majorminor.html>

| Trade                             |       |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------|-------|------|--------|-------|--------|-------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| T4: Other retail trade,           | 85881 | 4609 | 144343 | 30100 | 230224 | 34709 | 264933 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| T3: Other wholesale trade,        | 3708  | 423  | 5259   | 12706 | 8967   | 13129 | 22096  | <ul style="list-style-type: none"> <li>For small and informal wholesale players in the region, the margin levels are low.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Services                          |       |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| S10: Real estate activities,      | 5079  | 0    | 2667   | 349   | 7746   | 349   | 8095   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| S7:Information and Communication, | 733   | 13   | 1367   | 448   | 2100   | 461   | 2561   | <ul style="list-style-type: none"> <li>Village Level Entrepreneurs (VLEs) from J&amp;K, run Khidmat Centers. The Khidmat centres are mandated to provide government-to-citizen (G2C) and business-to-citizen (B2C) services at the village level. Upon achieving full functionality, the centres will also provide online services like air and railway ticketing, internet surfing, financial services, examination and result notifications and e-learning at affordable charges. These centres will also provide many offline services like desktop</li> </ul> |

<sup>17</sup> <http://jkindustriescommerce.nic.in/197%20IND%202018.pdf>

<sup>18</sup> <https://economictimes.indiatimes.com/industry/services/property/-cstruction/all-you-need-to-know-about-buying-property-in-jammu-kashmir/articleshow/70695987.cms?from=mdr>

|                  |                                              |       |      |      |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------|----------------------------------------------|-------|------|------|------|-------|------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  |                                              |       |      |      |      |       |      |       | publishing (DTP), digital photography, scanning and CD writing, JK Bank loan documentation, payment of mobile bills and recharges for pre-paid users <sup>19</sup> .                                                                                                                                                                                                                                                                                                                          |
|                  | S13: Education,                              | 4795  | 3362 | 2612 | 4800 | 7407  | 8162 | 15569 | <ul style="list-style-type: none"> <li>• Small entrepreneurs from other states in collaboration with teachers and entrepreneurs of J&amp;K and using ICT are democratising delivery of education in J and K.</li> <li>• More stable internet infrastructure in the region can help in this endeavour<sup>20</sup></li> </ul>                                                                                                                                                                  |
| Himachal Pradesh | <b>Manufacturing</b>                         |       |      |      |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                  | M9: Manufacture of paper and paper products, | 326   | 123  | 90   | 16   | 416   | 139  | 555   | <ul style="list-style-type: none"> <li>• This sub-sector in this state mostly includes products such as Exercise book, Paper envelope, File covers, Sweet boxes/card board, Paper cones, Sanitary tapes, Paper cartons boxes and Corrugated paper boxes<sup>21</sup></li> <li>• Most paper and printing units are in Baddi industrial area and Solan district<sup>22</sup></li> </ul>                                                                                                         |
|                  | M2: Manufacture of food products,            | 19187 | 1286 | 730  | 629  | 19917 | 1915 | 21832 | <ul style="list-style-type: none"> <li>• Himachal Pradesh has a robust food processing sector. The food processing industry primarily focuses on the areas of traditional processing of agricultural and horticultural raw materials</li> <li>• There are 12 cold chains and one dedicated food park in Himachal Pradesh</li> <li>• Dairy products and analogues: Shimla, Mandi, Bilaspur, Kullu, Kangra, Solan, Hamirpur, Una, Sirmaur</li> <li>• Spices: Mandi, Bilaspur, Shimla</li> </ul> |

<sup>19</sup> <https://www.governancenow.com/gov-next/egov/jk-announces-rs-5500-stipend-khidmat-centre-operators>

<sup>20</sup> <https://yourstory.com/2020/05/unicorn-co-founder-startup-internet-edtech>

<sup>21</sup> <https://msmedihimachal.nic.in/pages/view/146/207-scope-of-industries-in-himachal>

<sup>22</sup> <https://www.slideshare.net/IBEFIndia/himachal-pradesh-state-report-march-2019>

|                                                          |      |      |      |      |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------|------|------|------|------|------|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                          |      |      |      |      |      |      |      | <ul style="list-style-type: none"><li>• Prepared Foods: Kangra, Mandi, Hamirpur</li><li>• Cereals and cereal products: Solan, Hamirpur, Kangra, Kullu, Kangra</li><li>• Ready to eat Hamirpur, Solan, Kangra</li><li>• Pickle, Jam Squash: Solan, Kangra, Una</li></ul>                                                                                                                                                                |
| M19: Manufacture of electrical equipment,                | 0    | 8    | 0    | 230  | 0    | 238  | 238  | <ul style="list-style-type: none"><li>• Push by government towards clean and electric buses is creating opportunities for entrepreneurs in the areas of batteries, electrical components etc<sup>23</sup></li></ul>                                                                                                                                                                                                                    |
| Trade                                                    |      |      |      |      |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| T3: Other wholesale trade,                               | 3218 | 679  | 590  | 952  | 3808 | 1631 | 5439 | <ul style="list-style-type: none"><li>• For small and informal wholesale players in the region, the margin levels are medium to low.</li></ul>                                                                                                                                                                                                                                                                                         |
| T1: Trade and repair of motor vehicles and motor cycles, | 3356 | 2096 | 1266 | 716  | 4622 | 2812 | 7434 | <ul style="list-style-type: none"><li>• Amb Industrial Area in Himachal Pradesh focusses on auto ancillaries which is a source of livelihood of several micro and small and informal units.</li><li>• Amb has prominent engineering and automotive companies such as International Cars and Motors Limited and thereby several opportunities in terms of trade and services for micro-entrepreneurs in the surrounding areas</li></ul> |
| Services                                                 |      |      |      |      |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| S13: Education,                                          | 1031 | 2764 | 514  | 1518 | 1545 | 4282 | 5827 | <ul style="list-style-type: none"><li>• This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li></ul>                                                                                            |

<sup>23</sup> <https://energy.economictimes.indiatimes.com/news/power/himachal-pradesh-govt-to-buy-30-electric-buses/66235576>

|        |                                   |       |      |       |      |       |       |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------|-----------------------------------|-------|------|-------|------|-------|-------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | S1: Accommodation,                | 554   | 936  | 90    | 1282 | 644   | 2218  | 2862  | <ul style="list-style-type: none"> <li>Himachal Pradesh is abundantly bestowed with natural beauty, ranging from vast tracts of high altitude Trans-Himalayas desert to dense green deodar forests, from apple orchards to cultivated terraces from snow-capped high Himalayan mountain ranges to snow fed lakes and gushing rivers.</li> <li>In the year 2013, the State had come up with the Sustainable Tourism Development Policy to use sustainable tourism as a means to provide better employment and greater business opportunities</li> </ul>            |
|        | S9: Other financial activities,   | 0     | 0    | 0     | 169  | 0     | 169   | 169   | <ul style="list-style-type: none"> <li>This sector mostly acts as a proxy for financial service providers for unbanked or the underbanked. They encompass informal savings clubs, local creditors etc.</li> </ul>                                                                                                                                                                                                                                                                                                                                                 |
| Punjab | <b>Manufacturing</b>              |       |      |       |      |       |       |       | <ul style="list-style-type: none"> <li>Punjab houses some of the biggest food clusters in the country <ul style="list-style-type: none"> <li>ITC Food Park at Kapurthala</li> <li>Corn based mega Food Park at Phagwara</li> <li>Multi dimensional mega Food Park at Fazilka</li> <li>Modern Food processing facilities food park at Ladhowal, Ludhiana</li> <li>Punjab Agri Food Parks Ltd and Punjab Agro Ventures Ltd at Sirhind<sup>24</sup></li> </ul> </li> <li>To further boost this sector and to make technological advancements available to</li> </ul> |
|        | M2: Manufacture of food products, | 37420 | 7038 | 11127 | 8021 | 48547 | 15059 | 63606 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

<sup>24</sup> [https://pbindustries.gov.in/static/manufacture\\_industry;Key=Food\\_Processing\\_Industries](https://pbindustries.gov.in/static/manufacture_industry;Key=Food_Processing_Industries)

|  |                                                          |       |      |       |       |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--|----------------------------------------------------------|-------|------|-------|-------|--------|-------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                                          |       |      |       |       |        |       |        | the secondary agriculture industry, the Punjab State Council for Science and Technology (PSCST) in association with Biotechnology Industry Research Assistance Council (BIRAC) has launched a first of its kind “Secondary Agriculture/Food Processing Entrepreneurial Network” in Punjab <sup>25</sup>                                                                                                                                                                                   |
|  | M5: Manufacture of textiles,                             | 2393  | 223  | 6712  | 6478  | 9105   | 6701  | 15806  | <ul style="list-style-type: none"> <li>Abundance of raw material, skilled manpower, robust infrastructure and access to market ensure growth of textile manufacturing in Punjab</li> <li>Major Cluster Parks: <ul style="list-style-type: none"> <li>Ludhiana Integrated Textile Park at Ludhiana</li> <li>Rhythm Textile &amp; Apparel Park at Nawanshahr</li> <li>Lotus Integrated Textile Park at Barnala</li> <li>Punjab Apparel Park at Ludhiana<sup>26</sup></li> </ul> </li> </ul> |
|  | M25: Repair and installation of machinery and equipment, | 9946  | 1891 | 6329  | 2601  | 16275  | 4492  | 20767  | <ul style="list-style-type: none"> <li>Presence and growth of diverse industries in the region necessitates the repair and installation enterprises</li> </ul>                                                                                                                                                                                                                                                                                                                            |
|  | M6: Manufacture of wearing apparel,                      | 82573 | 4579 | 63762 | 11927 | 146335 | 16506 | 162841 | <ul style="list-style-type: none"> <li>Punjab accounts for 95% of India’s woollen knitwear production<sup>27</sup></li> </ul>                                                                                                                                                                                                                                                                                                                                                             |
|  | <b>Trade</b>                                             |       |      |       |       |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|  | T3: Other wholesale trade,                               | 8955  | 2266 | 18484 | 16877 | 27439  | 19143 | 46582  | <ul style="list-style-type: none"> <li>For small and informal wholesale players in the region, the margin levels are medium to low</li> </ul>                                                                                                                                                                                                                                                                                                                                             |

<sup>25</sup> <https://www.hindustantimes.com/punjab/now-agri-food-start-ups-in-punjab-to-get-government-support/story-OAbbXAF3XNzxqThMzRWniP.html>

<sup>26</sup> [https://pbindustries.gov.in/static/manufacture\\_industry;Key=Apparels\\_and\\_Madeups](https://pbindustries.gov.in/static/manufacture_industry;Key=Apparels_and_Madeups)

<sup>27</sup> [https://pbindustries.gov.in/static/assets/docs/Punjab\\_Apparel.pdf](https://pbindustries.gov.in/static/assets/docs/Punjab_Apparel.pdf)

|            |                                                               |        |       |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
|------------|---------------------------------------------------------------|--------|-------|--------|-------|--------|-------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | T4: Other retail trade,                                       | 178217 | 22775 | 189546 | 60851 | 367763 | 83626 | 451389 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> </ul>                                                                                                                         |
|            | <b>Services</b>                                               |        |       |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
|            | S13: Education,                                               | 8971   | 1746  | 26959  | 7905  | 35930  | 9651  | 45581  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul> |
|            | S7:Information and Communication,                             | 621    | 199   | 1403   | 1491  | 2024   | 1690  | 3714   | <ul style="list-style-type: none"> <li>Mohali and region surrounding the same is hub for most ICT entrepreneurs in the state</li> </ul>                                                                                                                                                                                                     |
|            | S15: Other community, social and personal service activities, | 72880  | 4301  | 83536  | 16587 | 156416 | 20888 | 177304 | -                                                                                                                                                                                                                                                                                                                                           |
| Chandigarh | <b>Manufacturing</b>                                          |        |       |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
|            | M10: Printing and reproduction of recorded media,             | 0      | 0     | 28     | 211   | 28     | 211   | 239    | <ul style="list-style-type: none"> <li>Short films, songs, blogs' production is common amongst informal entrepreneurs</li> </ul>                                                                                                                                                                                                            |
|            | M12: Manufacture of chemicals and chemical products,          | 0      | 0     | 0      | 204   | 0      | 204   | 204    | <ul style="list-style-type: none"> <li>Abundant and distinct flora from nearby states of Himachal Pradesh and Uttarakhand serves as potent raw material for extraction and processing of natural/plant based chemicals and chemical products such as essentials oils</li> </ul>                                                             |
|            | M14: Manufacture of rubber and plastics products,             | 0      | 0     | 0      | 9     | 0      | 9     | 9      | <ul style="list-style-type: none"> <li>Rubber Board, Ministry of Commerce and Industry, Govt. of India<sup>28</sup></li> </ul>                                                                                                                                                                                                              |

<sup>28</sup> <http://www.rbegp.in/RUBI/LicensingReportsInIndex.do?licensetypepk=1&statepk=0&districtpk=0>

|             |                                                               |     |     |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------|---------------------------------------------------------------|-----|-----|-------|------|-------|------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | M25: Repair and installation of machinery and equipment,      | 0   | 0   | 574   | 83   | 574   | 83   | 657   | <ul style="list-style-type: none"> <li>Presence and growth of diverse industries in the region necessitates the repair and installation enterprises</li> </ul>                                                                                                                                                                                                                                |
|             | <b>Trade</b>                                                  |     |     |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                               |
|             | T3: Other wholesale trade,                                    | 0   | 8   | 69    | 827  | 69    | 835  | 904   | <ul style="list-style-type: none"> <li>For small and informal wholesale players in the region, the margin levels are medium</li> </ul>                                                                                                                                                                                                                                                        |
|             | T4: Other retail trade,                                       | 731 | 167 | 15317 | 5542 | 16048 | 5709 | 21757 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> </ul>                                                                                                                                                                           |
|             | <b>Services</b>                                               |     |     |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                               |
|             | S15: Other community, social and personal service activities, | 186 | 68  | 8056  | 1866 | 8242  | 1934 | 10176 | -                                                                                                                                                                                                                                                                                                                                                                                             |
|             | S14: Human Health and Social work,                            | 78  | 37  | 17    | 487  | 95    | 524  | 619   | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> <li>Offering a range of healthcare and wellness services (including geriatric care<sup>29</sup>) under a single brand is a growing trend</li> </ul> |
|             | S7:Information and Communication,                             | 0   | 1   | 35    | 77   | 35    | 78   | 113   | <ul style="list-style-type: none"> <li>Most informal units are situated in the main city and near the IT park in Mohali. Gig work is picking up in the city (which is mostly informal in nature)</li> </ul>                                                                                                                                                                                   |
| Uttarakhand | <b>Manufacturing</b>                                          |     |     |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                               |
|             | M14: Manufacture of rubber and plastics products,             | 0   | 70  | 20    | 0    | 20    | 70   | 90    | <ul style="list-style-type: none"> <li>Rubber Board, Ministry of Commerce and Industry, Govt. of India</li> </ul>                                                                                                                                                                                                                                                                             |

<sup>29</sup> <https://www.portea.com/elder-care/chandigarh>



|  |                                                                                                                                   |       |      |       |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
|--|-----------------------------------------------------------------------------------------------------------------------------------|-------|------|-------|-------|--------|-------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | M8: Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials, | 3701  | 204  | 473   | 353   | 4174   | 557   | 4731   | <ul style="list-style-type: none"> <li>Mostly involves wood crafts and is most prominent in the Almora region</li> </ul>                                                                                                                                                                                                                    |
|  | M25: Repair and installation of machinery and equipment,                                                                          | 350   | 177  | 2     | 1     | 352    | 178   | 530    | <ul style="list-style-type: none"> <li>Presence and growth of diverse industries in the region necessitates the repair and installation enterprises</li> <li>One major hub is Rudrapur</li> </ul>                                                                                                                                           |
|  | M2: Manufacture of food products,                                                                                                 | 11671 | 1723 | 2670  | 1996  | 14341  | 3719  | 18060  | <ul style="list-style-type: none"> <li>Litchi, Floriculture, Basmati Rice and Medicinal Plants based food products are most prominent in the the state within this sub-<sup>30</sup>sector</li> </ul>                                                                                                                                       |
|  | <b>Trade</b>                                                                                                                      |       |      |       |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
|  | T3: Other wholesale trade,                                                                                                        | 484   | 374  | 1369  | 1525  | 1853   | 1899  | 3752   | <ul style="list-style-type: none"> <li>For small and informal wholesale players in the region, the margin levels are low (in Kumaon as well as Garhwal regions)</li> </ul>                                                                                                                                                                  |
|  | T4: Other retail trade,                                                                                                           | 67824 | 3403 | 85717 | 16815 | 153541 | 20218 | 173759 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> </ul>                                                                                                                         |
|  | <b>Services</b>                                                                                                                   |       |      |       |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
|  | S13: Education,                                                                                                                   | 4590  | 1875 | 1106  | 1734  | 5696   | 3609  | 9305   | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul> |
|  | S1: Accommodation,                                                                                                                | 96    | 893  | 46    | 1354  | 142    | 2247  | 2389   |                                                                                                                                                                                                                                                                                                                                             |

<sup>30</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_dips/SIPSR%20-%20Uttarakhand.pdf](http://dcmsme.gov.in/dips/state_wise_dips/SIPSR%20-%20Uttarakhand.pdf)

|         |                                                                                |      |      |      |      |      |       |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------|--------------------------------------------------------------------------------|------|------|------|------|------|-------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | S14: Human Health and Social work,                                             | 1595 | 723  | 3055 | 2011 | 4650 | 2734  | 7384  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> <li>Offering a range of healthcare and wellness services (including luxury geriatric care<sup>31</sup>) under a single brand is a growing trend</li> </ul>                                                                        |
| Haryana | <b>Manufacturing</b>                                                           |      |      |      |      |      |       |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|         | M17: Manufacture of fabricated metal products, except machinery and equipment, | 2832 | 1357 | 4100 | 9058 | 6932 | 10415 | 17347 | <ul style="list-style-type: none"> <li>Metal fabrication is the creation of metal structures by cutting, bending, and assembling. As with other manufacturing processes, both human labor and automation are commonly used. A fabricated product may be called a fabrication, and shops specializing in this type of work are called fab shops.</li> <li>An increase in infrastructure projects pulls up the demands for these fabricated products in the region</li> </ul> |
|         | M20: Manufacture of machinery and equipment n.e.c.,                            | 0    | 77   | 13   | 470  | 13   | 547   | 560   | <ul style="list-style-type: none"> <li>Most Informal units of this sub-sector are located around the following nodal centres: <ul style="list-style-type: none"> <li>Textile Machinery Cluster at Panipat</li> <li>Sugar Machinery Units at Yamunanagar</li> <li>Packing Machinery in Faridabad<sup>32</sup></li> </ul> </li> </ul>                                                                                                                                         |
|         | M3: Manufacture of beverages,                                                  | 263  | 109  | 30   | 732  | 293  | 841   | 1134  | <ul style="list-style-type: none"> <li>Both natural and artificial flavour beverages are manufactured in Haryana.</li> </ul>                                                                                                                                                                                                                                                                                                                                                |

<sup>31</sup> <https://www.siidcul.com/invest/ayush.pdf>

<sup>32</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_dips/state%20profile%20haryana.pdf](http://dcmsme.gov.in/dips/state_wise_dips/state%20profile%20haryana.pdf)

|                                                                                                                                   |        |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------|--------|------|--------|-------|--------|-------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                   |        |      |        |       |        |       |        | Informal units have a limited sales reach and quality control                                                                                                                                                                                                                                                                                                                                         |
| M8: Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials, | 4465   | 1485 | 3058   | 2284  | 7523   | 3769  | 11292  | <ul style="list-style-type: none"><li>Most informal units in this sub-sector are located around the Plywood cluster at Yamunanagar</li></ul>                                                                                                                                                                                                                                                          |
| Trade                                                                                                                             |        |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                                       |
| T3: Other wholesale trade,                                                                                                        | 4445   | 1159 | 12875  | 12148 | 17320  | 13307 | 30627  | <ul style="list-style-type: none"><li>For small and informal wholesale players in the region, the margin levels are low in rural areas and medium to low in urban areas.</li></ul>                                                                                                                                                                                                                    |
| T4: Other retail trade,                                                                                                           | 141999 | 8700 | 161418 | 57236 | 303417 | 65936 | 369353 | <ul style="list-style-type: none"><li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li></ul>                                                                                                                                                                                     |
| Services                                                                                                                          |        |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                                       |
| S9: Other financial activities,                                                                                                   | 9      | 2    | 1597   | 310   | 1606   | 312   | 1918   | <ul style="list-style-type: none"><li>This sector mostly acts as a proxy for financial service providers for unbanked or the underbanked. They encompass informal savings clubs, local creditors etc.</li></ul>                                                                                                                                                                                       |
| S14: Human Health and Social work,                                                                                                | 16031  | 1513 | 6145   | 7349  | 22176  | 8862  | 31038  | <ul style="list-style-type: none"><li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li><li>Offering of medical tourism related services in metropolitans of Haryana is augmenting the enterprise potential in this sub-sector<sup>33</sup></li></ul> |

<sup>33</sup> <https://timesofindia.indiatimes.com/Haryana-is-now-becoming-medical-hub-and-Gurgaon-is-emerging-as-a-destination-for-medical-tourism-as-patients-not-only-from-various-parts-of-India-come-here-for-treatmentbut-also-a-large-number-of-patients-even-from-abroad-avail-of-this-facility-/articleshow/17913625.cms>

|       |                                                   |      |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
|-------|---------------------------------------------------|------|------|--------|-------|--------|-------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | S13: Education,                                   | 2512 | 5067 | 9239   | 5918  | 11751  | 10985 | 22736  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul> |
| Delhi | <b>Manufacturing</b>                              |      |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
|       | M2: Manufacture of food products,                 | 182  | 44   | 5861   | 8185  | 6043   | 8229  | 14272  | <ul style="list-style-type: none"> <li>Informal units in Delhi mostly focus on processing of horticulture produce</li> <li>Packaged food products are also common in Delhi<sup>34</sup></li> </ul>                                                                                                                                          |
|       | M10: Printing and reproduction of recorded media, | 0    | 0    | 790    | 3658  | 790    | 3658  | 4448   | <ul style="list-style-type: none"> <li>Short films, blogs and magazines are emerging by young literary entrepreneurs. There enterprises do not always fall under the gamut of formal enterprises</li> </ul>                                                                                                                                 |
|       | M14: Manufacture of rubber and plastics products, | 0    | 0    | 950    | 8223  | 950    | 8223  | 9173   | <ul style="list-style-type: none"> <li>Informal units operating in this sector manufacture products out of rubber and plastic to serve industries in and around Delhi region and their suppliers</li> </ul>                                                                                                                                 |
|       | M5: Manufacture of textiles,                      | 0    | 14   | 3940   | 6031  | 3940   | 6045  | 9985   | <ul style="list-style-type: none"> <li>Most of the units focus on ready-made garments and some on hosiery</li> </ul>                                                                                                                                                                                                                        |
|       | <b>Trade</b>                                      |      |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
|       | T3: Other wholesale trade,                        | 38   | 8    | 15077  | 39943 | 15115  | 39951 | 55066  | <ul style="list-style-type: none"> <li>For small and informal wholesale players in the region, the margin levels are medium.</li> </ul>                                                                                                                                                                                                     |
|       | T4: Other retail trade,                           | 3375 | 89   | 225806 | 94483 | 229181 | 94572 | 323753 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform</li> </ul>                                                                                                                                                                      |

<sup>34</sup> <http://dcmsme.gov.in/dips/Brief%20industrial%20profile%20of%20Delhi.pdf>

|           |                                                         |      |     |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------|---------------------------------------------------------|------|-----|-------|-------|-------|-------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |                                                         |      |     |       |       |       |       |       | requirements, are considering formalizations                                                                                                                                                                                                                                                                                                                                                               |
|           | <b>Services</b>                                         |      |     |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                                                                            |
|           | S14: Human Health and Social work,                      | 146  | 44  | 13781 | 12811 | 13927 | 12855 | 26782 | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> <li>Offering a range of healthcare and wellness services under a single brand and medical tourism are growing trends</li> </ul>                                  |
|           | S11: Professional, Scientific and Technical activities, | 0    | 8   | 4605  | 9400  | 4605  | 9408  | 14013 | <ul style="list-style-type: none"> <li>This sector in Delhi mostly comprises of establishments that specialize in performing professional, scientific, and technical activities for others (example contractual research). Mostly located in and around universities and technical institution in Delhi and also have a presence in the gig economy only for informally offering these services</li> </ul> |
|           | S13: Education,                                         | 1334 | 64  | 28848 | 12738 | 30182 | 12802 | 42984 | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul>                                                                |
|           | <b>Manufacturing</b>                                    |      |     |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                                                                            |
| Rajasthan | M12: Manufacture of chemicals and chemical products,    | 311  | 436 | 314   | 786   | 625   | 1222  | 1847  | <ul style="list-style-type: none"> <li>Polymers, oil extraction units and water treatment companies, and allied units are prominent units under this sub-sector in Rajasthan<sup>35</sup></li> </ul>                                                                                                                                                                                                       |

<sup>35</sup> <https://rajasthan-state.infoinfo.co.in/search/chemical>

|  |                                                          |        |       |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                         |
|--|----------------------------------------------------------|--------|-------|--------|-------|--------|-------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | M24: Other manufacturing,                                | 12343  | 2151  | 35907  | 44267 | 48250  | 46418 | 94668  | <ul style="list-style-type: none"> <li>Rajasthan is famous for its jewellery industry and it is one of the world's largest centres for hand-cutting of gems. Huge unorganized market exists in the gems and jewellery in Rajasthan state<sup>36</sup></li> </ul>                                                        |
|  | M10: Printing and reproduction of recorded media,        | 41     | 100   | 1128   | 3191  | 1169   | 3291  | 4460   | <ul style="list-style-type: none"> <li>Short films, blogs and magazines are emerging by young literary entrepreneurs. There enterprises do not always fall under the gamut of formal enterprises</li> </ul>                                                                                                             |
|  | M15: Manufacture of other non-metallic mineral products, | 21864  | 6016  | 6636   | 17159 | 28500  | 23175 | 51675  | <ul style="list-style-type: none"> <li>Rajasthan has rich deposits of non-metallic minerals.</li> <li>Gypsum which is found in abundance has great use in fertilizers, plaster of paris, cement and paints. Informal units produce their products on these lines.</li> </ul>                                            |
|  | <b>Trade</b>                                             |        |       |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                         |
|  | T3: Other wholesale trade,                               | 30505  | 2479  | 21633  | 22497 | 52138  | 24976 | 77114  | <ul style="list-style-type: none"> <li>For small and informal wholesale players in the region, the margin levels are low.</li> </ul>                                                                                                                                                                                    |
|  | T4: Other retail trade,                                  | 438002 | 22053 | 345859 | 75434 | 783861 | 97487 | 881348 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> </ul>                                                                                                     |
|  | <b>Services</b>                                          |        |       |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                         |
|  | S7:Information and Communication,                        | 3754   | 789   | 5063   | 4122  | 8817   | 4911  | 13728  | <ul style="list-style-type: none"> <li>RIICO developed IT Parks at Jaipur (Sitapura and Ramchandra Pura), Jodhpur, Udaipur &amp; Kota<sup>37</sup>.</li> <li>Project RajNet – a multi-mode connectivity network, connecting Jaipur with all 9,894 Gram Panchayats and 183 municipal areas in Rajasthan – has</li> </ul> |

<sup>36</sup> <https://www.welcomerajasthan.com/rajasthan-gems-jewelry.htm>

<sup>37</sup> [http://www.industries.rajasthan.gov.in/content/dam/industries/pdf/riico/focusareas/it\(informationtechnology\)sector/IT-ITeS-in-Rajasthan-2013.pdf](http://www.industries.rajasthan.gov.in/content/dam/industries/pdf/riico/focusareas/it(informationtechnology)sector/IT-ITeS-in-Rajasthan-2013.pdf)

|               |                                                          |       |       |       |       |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------|----------------------------------------------------------|-------|-------|-------|-------|--------|-------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |                                                          |       |       |       |       |        |       |        | changed the outlook of informal ICT sector of the state <sup>38</sup>                                                                                                                                                                                                                                                                                                            |
|               | S13: Education,                                          | 413   | 19795 | 9651  | 15030 | 10064  | 34825 | 44889  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul>                                      |
|               | S1: Accommodation,                                       | 151   | 974   | 3181  | 7156  | 3332   | 8130  | 11462  | <ul style="list-style-type: none"> <li>Homestays and bread and breakfast are major informal enterprises that existent operate in the state<sup>39</sup></li> </ul>                                                                                                                                                                                                               |
| Uttar Pradesh | <b>Manufacturing</b>                                     |       |       |       |       |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                  |
|               | M15: Manufacture of other non-metallic mineral products, | 77435 | 11114 | 49337 | 8272  | 126772 | 19386 | 146158 | <ul style="list-style-type: none"> <li>Rock formation in Himalayan and Vindhyachal ranges possesses the major mineral deposits in the state of U.P. Lime stone, Silica sand, Pyrophyllite, Diaspore, Sulphur &amp; Coal are the major minerals which have immense reserves in the state. Most informal units are involved in producing products out of these minerals</li> </ul> |
|               | M11: Manufacture of coke and refined petroleum products, | 0     | 31    | 0     | 20    | 0      | 51    | 51     | <ul style="list-style-type: none"> <li>Most of the informal units serving in this sub-sector are located around Noida and Ghaziabad in U.P.</li> </ul>                                                                                                                                                                                                                           |
|               | M7: Manufacture of leather and related products,         | 389   | 88    | 19762 | 10787 | 20151  | 10875 | 31026  | <ul style="list-style-type: none"> <li>Most of the informal units serving in this sub-sector are located around Kanpur and Agra<sup>40</sup></li> </ul>                                                                                                                                                                                                                          |

<sup>38</sup> <https://www.expresscomputer.in/internet/how-rajasthan-transformed-itself-into-a-digital-state/28031/>

<sup>39</sup> [http://tourism.gov.in/sites/default/files/082720140204879\\_0.pdf](http://tourism.gov.in/sites/default/files/082720140204879_0.pdf)

<sup>40</sup> <https://mahileather.com/blogs/news/the-world-s-most-famous-leather-markets>

|                                                                                |         |       |         |        |         |        |         |                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------|---------|-------|---------|--------|---------|--------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| M17: Manufacture of fabricated metal products, except machinery and equipment, | 56608   | 9617  | 28780   | 43129  | 85388   | 52746  | 138134  | <ul style="list-style-type: none"> <li>An increase in infrastructure projects pulls up the demands for these fabricated products in the region</li> </ul>                                                                                                                                                                                                             |
| <b>Trade</b>                                                                   |         |       |         |        |         |        |         |                                                                                                                                                                                                                                                                                                                                                                       |
| T3: Other wholesale trade,                                                     | 84396   | 13601 | 121555  | 48140  | 205951  | 61741  | 267692  | <ul style="list-style-type: none"> <li>Regional and activity specific diversities exist in the margins incurred by small and informal wholesale trade entrepreneurs</li> </ul>                                                                                                                                                                                        |
| T4: Other retail trade,                                                        | 1740703 | 48725 | 1548890 | 217441 | 3289593 | 266166 | 3555759 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> </ul>                                                                                                                                                   |
| <b>Services</b>                                                                |         |       |         |        |         |        |         |                                                                                                                                                                                                                                                                                                                                                                       |
| S13: Education,                                                                | 31163   | 62791 | 31742   | 46344  | 62905   | 109135 | 172040  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul>                           |
| S11: Professional, Scientific and Technical activities,                        | 32178   | 1594  | 56193   | 9017   | 88371   | 10611  | 98982   | <ul style="list-style-type: none"> <li>This sector in U.P. mostly comprises of establishments that specialize in performing professional, scientific, and technical activities for others. Mostly located in and around universities and technical institutions in and also have a presence in the gig economy also for informally offering these services</li> </ul> |
| S14: Human Health and Social work,                                             | 103678  | 8442  | 57444   | 32603  | 161122  | 41045  | 202167  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical</li> </ul>                                                                                                                                                                                               |



|       |                                                   |        |      |       |      |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------|---------------------------------------------------|--------|------|-------|------|--------|-------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |                                                   |        |      |       |      |        |       |        | equipment and supplies, medical insurance, telemedicine and social work                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Bihar | <b>Manufacturing</b>                              |        |      |       |      |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|       | M19: Manufacture of electrical equipment,         | 15     | 0    | 147   | 209  | 162    | 209   | 371    | <ul style="list-style-type: none"> <li>Push by government towards clean and electric buses is creating opportunities for entrepreneurs in the areas of batteries, electrical components etc<sup>41</sup></li> </ul>                                                                                                                                                                                                                                                                                                                               |
|       | M14: Manufacture of rubber and plastics products, | 0      | 12   | 195   | 398  | 195    | 410   | 605    | <ul style="list-style-type: none"> <li>Mostly include the following: <ul style="list-style-type: none"> <li>Packing/ wrapping products for food items like tetra packs, containers, bags, etc.</li> <li>Plastic and rubber components for building construction</li> <li>Plastic automobile parts<sup>42</sup></li> </ul> </li> </ul>                                                                                                                                                                                                             |
|       | M5: Manufacture of textiles,                      | 15944  | 1071 | 2126  | 820  | 18070  | 1891  | 19961  | <ul style="list-style-type: none"> <li>Bihar is home of around one lakh weavers for whom manufacturing and dealing with fabric and garment is their livelihood. The presence of weavers' community is, therefore, an important asset base in terms of availability of skilled and semi-skilled workers for textile units.<sup>43</sup></li> <li>Bhagalpur district of Bihar has been a centre of silk fabric manufacturing. Tassar silk of Bhagalpur is an exclusive product of Bihar which has the potential to fetch premium prices.</li> </ul> |
|       | M6: Manufacture of wearing apparel,               | 175578 | 7869 | 20911 | 5574 | 196489 | 13443 | 209932 | <ul style="list-style-type: none"> <li>Mostly encompass (a) Woven and knitted apparel manufacturing(b) Hosiery products manufacturing</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                  |
|       | <b>Trade</b>                                      |        |      |       |      |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

<sup>41</sup> [http://www.investbihar.co.in/Download/Draft\\_for\\_e\\_vehile.pdf](http://www.investbihar.co.in/Download/Draft_for_e_vehile.pdf)

<sup>42</sup> <http://www.udyogmitrabihar.in/priority-sectors/plastic-rubber/>

<sup>43</sup> <http://www.udyogmitrabihar.in/priority-sectors/textile-leather/>

|        |                                     |        |       |        |       |         |       |         |                                                                                                                                                                                                                                                 |
|--------|-------------------------------------|--------|-------|--------|-------|---------|-------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | T3: Other wholesale trade,          | 22542  | 5436  | 6703   | 44678 | 29245   | 50114 | 79359   | <ul style="list-style-type: none"> <li>Regional and activity specific diversities exist in the margins incurred by small and informal wholesale trade entrepreneurs</li> </ul>                                                                  |
|        | T4: Other retail trade,             | 972870 | 25134 | 364008 | 39553 | 1336878 | 64687 | 1401565 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> </ul>                             |
|        | <b>Services</b>                     |        |       |        |       |         |       |         |                                                                                                                                                                                                                                                 |
|        | S14: Human Health and Social work,  | 41001  | 6207  | 7578   | 14728 | 48579   | 20935 | 69514   | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> </ul> |
|        | S9: Other financial activities,     | 2034   | 0     | 2259   | 623   | 4293    | 623   | 4916    | <ul style="list-style-type: none"> <li>This sector mostly acts as a proxy for financial service providers for unbanked or the underbanked. They encompass informal savings clubs, local creditors etc.</li> </ul>                               |
|        | S1: Accommodation,                  | 0      | 184   | 15     | 2926  | 15      | 3110  | 3125    | <ul style="list-style-type: none"> <li>Homestays and bread and breakfast are major informal enterprises that existent operate in the state</li> </ul>                                                                                           |
| Sikkim | <b>Manufacturing</b>                |        |       |        |       |         |       |         |                                                                                                                                                                                                                                                 |
|        | M2: Manufacture of food products,   | 65     | 13    | 20     | 2     | 85      | 15    | 100     | <ul style="list-style-type: none"> <li>Mostly focussed on local cereals and pulses</li> </ul>                                                                                                                                                   |
|        | M6: Manufacture of wearing apparel, | 395    | 51    | 104    | 209   | 499     | 260   | 759     | <ul style="list-style-type: none"> <li>Cotton and woollen yarn are used together with vegetable dyes and synthetic colours (known as Lepcha weaves)<sup>44</sup></li> </ul>                                                                     |

<sup>44</sup> <https://textilevaluechain.in/2020/04/05/18579/>

|  |                                                          |     |     |    |     |     |     |     |                                                                                                                                                                                                                                                                                                                                             |
|--|----------------------------------------------------------|-----|-----|----|-----|-----|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | M10: Printing and reproduction of recorded media,        | 0   | 0   | 20 | 0   | 20  | 0   | 20  | -                                                                                                                                                                                                                                                                                                                                           |
|  | M24: Other manufacturing,                                | 132 | 24  | 2  | 21  | 134 | 45  | 179 | <ul style="list-style-type: none"> <li>Includes locally produced ornaments manufacturing</li> </ul>                                                                                                                                                                                                                                         |
|  | <b>Trade</b>                                             |     |     |    |     |     |     |     |                                                                                                                                                                                                                                                                                                                                             |
|  | T1: Trade and repair of motor vehicles and motor cycles, | 0   | 37  | 68 | 138 | 68  | 175 | 243 | <ul style="list-style-type: none"> <li>Informal entrepreneurs in this sub-sector mostly trade in re-used motor vehicles and services which involve modification and spare parts</li> </ul>                                                                                                                                                  |
|  | T3: Other wholesale trade,                               | 0   | 0   | 91 | 29  | 91  | 29  | 120 | <ul style="list-style-type: none"> <li>For small and informal wholesale players in the region, the margin levels are low in rural areas and medium to low in urban areas.</li> </ul>                                                                                                                                                        |
|  | <b>Services</b>                                          |     |     |    |     |     |     |     |                                                                                                                                                                                                                                                                                                                                             |
|  | S13: Education,                                          | 32  | 239 | 0  | 63  | 32  | 302 | 334 | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul> |
|  | S14: Human Health and Social work,                       | 0   | 0   | 45 | 9   | 45  | 9   | 54  | <ul style="list-style-type: none"> <li>Sikkim has improved health infrastructure which has been instrumental in enhancing patient care and also in augmentation of entrepreneurial opportunities in terms of e-health and paramedical services<sup>45</sup></li> </ul>                                                                      |
|  | S1: Accommodation,                                       | 52  | 231 | 0  | 302 | 52  | 533 | 585 | <ul style="list-style-type: none"> <li>Homestays and bread and breakfast are major informal enterprises that existent operate in the state</li> </ul>                                                                                                                                                                                       |

<sup>45</sup> <https://ehealth.eletsonline.com/2018/07/better-infrastructure-helping-sikkim-in-healthcare/>

|                   |                                                                                                                                   |      |     |      |      |       |      |       |                                                                                                                                                                                                                                                                                                               |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------|------|-----|------|------|-------|------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Arunachal Pradesh | <b>Manufacturing</b>                                                                                                              |      |     |      |      |       |      |       |                                                                                                                                                                                                                                                                                                               |
|                   | M5: Manufacture of textiles,                                                                                                      | 2    | 3   | 1    | 10   | 3     | 13   | 16    | <ul style="list-style-type: none"><li>Includes cotton and wool based local dress, carpet and bags manufacture<sup>46</sup></li></ul>                                                                                                                                                                          |
|                   | M8: Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials, | 0    | 1   | 0    | 2    | 0     | 3    | 3     | <ul style="list-style-type: none"><li>Includes wood carving based products</li></ul>                                                                                                                                                                                                                          |
|                   | M24: Other manufacturing,                                                                                                         | 1    | 13  | 22   | 10   | 23    | 23   | 46    | <ul style="list-style-type: none"><li>Includes locally produced ornaments manufacturing</li></ul>                                                                                                                                                                                                             |
|                   | M2: Manufacture of food products,                                                                                                 | 34   | 35  | 45   | 31   | 79    | 66   | 145   | <ul style="list-style-type: none"><li>Food processing and allied products based on mushroom , jam jelly , dairy, ginger , pineapple</li></ul>                                                                                                                                                                 |
|                   | <b>Trade</b>                                                                                                                      |      |     |      |      |       |      |       |                                                                                                                                                                                                                                                                                                               |
|                   | T1: Trade and repair of motor vehicles and motor cycles,                                                                          | 47   | 129 | 21   | 383  | 68    | 512  | 580   | <ul style="list-style-type: none"><li>Informal entrepreneurs in this sub-sector mostly trade in re-used motor vehicles and services which involve modification and spare parts</li></ul>                                                                                                                      |
|                   | T4: Other retail trade,                                                                                                           | 8167 | 759 | 5922 | 2103 | 14089 | 2862 | 16951 | <ul style="list-style-type: none"><li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li><li>For remote location retail shops the margin remains low due to high logistics costs</li></ul> |
|                   | <b>Services</b>                                                                                                                   |      |     |      |      |       |      |       |                                                                                                                                                                                                                                                                                                               |
|                   | S14: Human Health and Social work,                                                                                                | 1    | 5   | 92   | 114  | 93    | 119  | 212   | <ul style="list-style-type: none"><li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li></ul>                                                                 |

<sup>46</sup> [http://dcmsme.gov.in/dips/DIP,%20Lohit\\_9915.pdf](http://dcmsme.gov.in/dips/DIP,%20Lohit_9915.pdf)

|          |                                                          |     |     |    |     |     |     |     |                                                                                                                                                                                                                                                                                                                                             |
|----------|----------------------------------------------------------|-----|-----|----|-----|-----|-----|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |                                                          |     |     |    |     |     |     |     | <ul style="list-style-type: none"> <li>Offering a range of healthcare and wellness services is a growing trend<sup>47</sup></li> </ul>                                                                                                                                                                                                      |
|          | S13: Education,                                          | 27  | 113 | 54 | 104 | 81  | 217 | 298 | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul> |
|          | S1: Accommodation,                                       | 0   | 52  | 74 | 208 | 74  | 260 | 334 | <ul style="list-style-type: none"> <li>Homestays and bread and breakfast are major informal enterprises that existent operate in Arunachal Pradesh<sup>48</sup></li> </ul>                                                                                                                                                                  |
| Nagaland | <b>Manufacturing</b>                                     |     |     |    |     |     |     |     |                                                                                                                                                                                                                                                                                                                                             |
|          | M15: Manufacture of other non-metallic mineral products, | 0   | 95  | 0  | 20  | 0   | 115 | 115 | <ul style="list-style-type: none"> <li>Informal units in this sub sector in this state are involved in activities such as a) Stone crushing b) Stone cutting &amp; polishing c) Stone curving d) Pottery<sup>49</sup></li> </ul>                                                                                                            |
|          | M24: Other manufacturing,                                | 0   | 0   | 0  | 19  | 0   | 19  | 19  | <ul style="list-style-type: none"> <li>Includes locally produced ornaments manufacturing</li> </ul>                                                                                                                                                                                                                                         |
|          | M6: Manufacture of wearing apparel,                      | 111 | 21  | 36 | 277 | 147 | 298 | 445 | <ul style="list-style-type: none"> <li>Informal units in this sub sector in this state are involved in activities such as a) Tailoring unit b) wool weaving unit c) Hand loom unit d) ready-made garments</li> </ul>                                                                                                                        |
|          | M10: Printing and reproduction of recorded media,        | 0   | 0   | 0  | 20  | 0   | 20  | 20  | <ul style="list-style-type: none"> <li>Short film and video entrepreneurs are emerging informal entrepreneurs in this state in in this sub-sector<sup>50</sup></li> </ul>                                                                                                                                                                   |
|          | <b>Trade</b>                                             |     |     |    |     |     |     |     |                                                                                                                                                                                                                                                                                                                                             |

<sup>47</sup> <https://ehealth.eletsonline.com/2020/01/arunachal-pradesh-embarking-on-robust-healthcare-system/>

<sup>48</sup> [arunachaltourism.com/homestay.php](http://arunachaltourism.com/homestay.php)

<sup>49</sup> <http://dcmsme.gov.in/dips/DIPR-Mon-Final.pdf>

<sup>50</sup> <https://easternmirrornagaland.com/nagaland-film-festival-begins-industry-level-input-suggested/>

|  |                                    |       |     |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                             |
|--|------------------------------------|-------|-----|-------|-------|-------|-------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | T3: Other wholesale trade,         | 12    | 7   | 4892  | 705   | 4904  | 712   | 5616  | <ul style="list-style-type: none"> <li>For small and informal wholesale players in the region, the margin levels are low in rural areas and medium to low in urban areas.</li> </ul>                                                                                                                                                        |
|  | T4: Other retail trade,            | 11585 | 702 | 21666 | 11490 | 33251 | 12192 | 45443 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> <li>For remote location retail shops the margin remains low due to high logistics costs</li> </ul>                            |
|  | <b>Services</b>                    |       |     |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                             |
|  | S13: Education,                    | 1134  | 497 | 971   | 735   | 2105  | 1232  | 3337  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul> |
|  | S1: Accommodation,                 | 23    | 87  | 34    | 566   | 57    | 653   | 710   | <ul style="list-style-type: none"> <li>Nagaland as a tourist opinion is known for dancers, warriors, head-hunters; mountains, valleys and its forests<sup>51</sup></li> <li>Homestays and bread and breakfast are major informal enterprises that existent operate in Nagaland</li> </ul>                                                   |
|  | S14: Human Health and Social work, | 0     | 10  | 6     | 372   | 6     | 382   | 388   | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> </ul>                                                                                             |

<sup>51</sup> [http://tourism.nagaland.gov.in/?page\\_id=60](http://tourism.nagaland.gov.in/?page_id=60)

|         |                                                                                                                                   |      |     |      |     |      |     |      |                                                                                                                                                                                                        |
|---------|-----------------------------------------------------------------------------------------------------------------------------------|------|-----|------|-----|------|-----|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                                                                                                   |      |     |      |     |      |     |      | <ul style="list-style-type: none"> <li>Offering a range of healthcare and wellness services is a growing trend</li> </ul>                                                                              |
| Manipur | <b>Manufacturing</b>                                                                                                              |      |     |      |     |      |     |      |                                                                                                                                                                                                        |
|         | M15: Manufacture of other non-metallic mineral products,                                                                          | 13   | 3   | 0    | 0   | 13   | 3   | 16   | <ul style="list-style-type: none"> <li>Most of the informal enterprises focus on products derived from clay and sand (Sanahal Lokchao and river beds of Sekmai village)<sup>52</sup></li> </ul>        |
|         | M23: Manufacture of furniture,                                                                                                    | 898  | 392 | 193  | 303 | 1091 | 695 | 1786 | <ul style="list-style-type: none"> <li>Cane and Bamboo based furniture is one of the major highlights of this sub-sector in the informal sector</li> </ul>                                             |
|         | M2: Manufacture of food products,                                                                                                 | 3409 | 583 | 202  | 244 | 3611 | 827 | 4438 | <ul style="list-style-type: none"> <li>Mostly includes manufacture of preserved items such as jams, jellies and pickles</li> </ul>                                                                     |
|         | M8: Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials, | 2316 | 193 | 517  | 417 | 2833 | 610 | 3443 | <ul style="list-style-type: none"> <li>Wood based crafts are common items manufactured by informal units in Manipur<sup>53</sup></li> </ul>                                                            |
|         | <b>Trade</b>                                                                                                                      |      |     |      |     |      |     |      |                                                                                                                                                                                                        |
|         | T2: Activities of commission agents,                                                                                              | 156  | 0   | 0    | 0   | 156  | 0   | 156  | <ul style="list-style-type: none"> <li>Characterized by providing access to credit and other factors of production to producers in the state</li> </ul>                                                |
|         | T3: Other wholesale trade,                                                                                                        | 667  | 0   | 54   | 280 | 721  | 280 | 1001 | <ul style="list-style-type: none"> <li>For small and informal wholesale players in the region, the margin levels are low in rural areas and medium to low in urban areas.</li> </ul>                   |
|         | <b>Services</b>                                                                                                                   |      |     |      |     |      |     |      |                                                                                                                                                                                                        |
|         | S13: Education,                                                                                                                   | 2545 | 358 | 2109 | 385 | 4654 | 743 | 5397 | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions</li> </ul> |

<sup>52</sup> [http://dcmsme.gov.in/dips/IMPHAL\\_WEST\\_District.pdf](http://dcmsme.gov.in/dips/IMPHAL_WEST_District.pdf)

<sup>53</sup> [http://dcmsme.gov.in/dips/UKHRUL\\_District.pdf](http://dcmsme.gov.in/dips/UKHRUL_District.pdf)

|         |                                                          |     |    |      |     |      |     |      |                                                                                                                                                                                                                                                                                                                                  |
|---------|----------------------------------------------------------|-----|----|------|-----|------|-----|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                          |     |    |      |     |      |     |      | (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup                                                                                                                                                                                             |
|         | S14: Human Health and Social work,                       | 41  | 49 | 233  | 122 | 274  | 171 | 445  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> <li>Offering a range of healthcare and wellness services is a growing trend</li> </ul> |
|         | S7:Information and Communication,                        | 67  | 12 | 0    | 137 | 67   | 149 | 216  | <ul style="list-style-type: none"> <li>Technology entrepreneurship at small scale is on the rise in Imphal<sup>54</sup></li> </ul>                                                                                                                                                                                               |
| Mizoram | <b>Manufacturing</b>                                     |     |    |      |     |      |     |      |                                                                                                                                                                                                                                                                                                                                  |
|         | M6: Manufacture of wearing apparel,                      | 563 | 8  | 698  | 417 | 1261 | 425 | 1686 | <ul style="list-style-type: none"> <li>Informal units producing apparels using Wool, silk, Synthetic Fibre Textile and common in Mizoram</li> <li>Mizo people are traditionally expert in weaving which further contributes to traditionally acquired skills in this sub-sector in this state<sup>55</sup></li> </ul>            |
|         | M5: Manufacture of textiles,                             | 471 | 56 | 2041 | 258 | 2512 | 314 | 2826 | <ul style="list-style-type: none"> <li>Wool and Silk based textile production are common amongst the informal units</li> </ul>                                                                                                                                                                                                   |
|         | M15: Manufacture of other non-metallic mineral products, | 0   | 0  | 33   | 20  | 33   | 20  | 53   | <ul style="list-style-type: none"> <li>Limited mineral deposits in the state is one of the key reasons for limited informal units in comparison to other sub-sectors<sup>56</sup></li> </ul>                                                                                                                                     |
|         | M14: Manufacture of rubber and plastics products,        | 0   | 0  | 0    | 5   | 0    | 5   | 5    | <ul style="list-style-type: none"> <li>Easy availability of raw materials but limited mechanization and existing</li> </ul>                                                                                                                                                                                                      |

<sup>54</sup> <https://yourstory.com/2019/01/manipur-startups-northeast-imphal-angels>

<sup>55</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_dips/State\\_industrail\\_profile\\_mizoram\\_28316.pdf](http://dcmsme.gov.in/dips/state_wise_dips/State_industrail_profile_mizoram_28316.pdf)

<sup>56</sup> <http://dcmsme.gov.in/dips/Aizawl.pdf>



|                                    |      |     |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                           |  |
|------------------------------------|------|-----|-------|------|-------|------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                    |      |     |       |      |       |      |       | competition from other firms (from outside state) are some salient features of this sector                                                                                                                                                                                                                                                |  |
| Trade                              |      |     |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                           |  |
| T3: Other wholesale trade,         | 4    | 0   | 83    | 18   | 87    | 18   | 105   | <ul style="list-style-type: none"><li>For small and informal wholesale players in the region, the margin levels are low in rural areas and medium to low in urban areas.</li></ul>                                                                                                                                                        |  |
| T4: Other retail trade,            | 5191 | 83  | 10077 | 2048 | 15268 | 2131 | 17399 | <ul style="list-style-type: none"><li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li><li>For remote location retail shops the margin remains low due to high logistics costs</li></ul>                             |  |
| Services                           |      |     |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                           |  |
| S13: Education,                    | 0    | 135 | 0     | 157  | 0     | 292  | 292   | <ul style="list-style-type: none"><li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li></ul> |  |
| S14: Human Health and Social work, | 0    | 0   | 100   | 98   | 100   | 98   | 198   | <ul style="list-style-type: none"><li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li></ul>                                                                                             |  |
| S7:Information and Communication,  | 31   | 10  | 0     | 41   | 31    | 51   | 82    | <ul style="list-style-type: none"><li>ICT @ school scheme<sup>57</sup> has enabled several entrepreneurs to take up ICT</li></ul>                                                                                                                                                                                                         |  |

<sup>57</sup> [https://ictschoools.ncert.gov.in/wp-content/uploads/2017/08/ICT\\_Report\\_of\\_Mizoram.pdf](https://ictschoools.ncert.gov.in/wp-content/uploads/2017/08/ICT_Report_of_Mizoram.pdf)

|         |                                                          |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------|----------------------------------------------------------|-------|------|-------|------|-------|------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                          |       |      |       |      |       |      |       | based ventures in informal and formal capacities                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Tripura | <b>Manufacturing</b>                                     |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|         | M2: Manufacture of food products,                        | 3571  | 748  | 1270  | 1309 | 4841  | 2057 | 6898  | <ul style="list-style-type: none"> <li>A Food Park has been set up at Bodhjunnagar (near Agartala).</li> <li>Many informal units around Agartala involved in traditional food products are existent in this region based on the following raw materials: <ul style="list-style-type: none"> <li>Fruit Crops such as Pineapple, Jackfruit, Orange, Litchi, Cashew, Coconut and Mango.</li> <li>Spices such as Ginger, Turmeric, Chilli<sup>58</sup>.</li> </ul> </li> </ul> |
|         | M24: Other manufacturing,                                | 420   | 185  | 1516  | 468  | 1936  | 653  | 2589  | <ul style="list-style-type: none"> <li>Includes jewellery design and manufacture and precision instruments</li> </ul>                                                                                                                                                                                                                                                                                                                                                      |
|         | M10: Printing and reproduction of recorded media,        | 0     | 0    | 174   | 113  | 174   | 113  | 287   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|         | M15: Manufacture of other non-metallic mineral products, | 1096  | 95   | 121   | 104  | 1217  | 199  | 1416  | <ul style="list-style-type: none"> <li>Clay and glass sand are found in abundance in Tripura (South) district and informal units produce several products out of them viz. sanitary ware, sewage pipes, insulators and glass products<sup>59</sup></li> </ul>                                                                                                                                                                                                              |
|         | <b>Trade</b>                                             |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|         | T4: Other retail trade,                                  | 44666 | 1539 | 35067 | 7440 | 79733 | 8979 | 88712 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> </ul>                                                                                                                                                                                                                                                        |

<sup>58</sup> <https://tidc.tripura.gov.in/food-processing/>

<sup>59</sup> <http://dcmsme.gov.in/dips/DIPS%20Tripura%20South20.pdf>

|           |                                                          |      |     |      |      |      |      |      |                                                                                                                                                                                                                                                                                                                                             |
|-----------|----------------------------------------------------------|------|-----|------|------|------|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |                                                          |      |     |      |      |      |      |      | <ul style="list-style-type: none"> <li>For remote location retail shops the margin remains low due to high logistics costs</li> </ul>                                                                                                                                                                                                       |
|           | T1: Trade and repair of motor vehicles and motor cycles, | 609  | 351 | 851  | 2092 | 1460 | 2443 | 3903 | <ul style="list-style-type: none"> <li>Informal entrepreneurs in this sub-sector mostly trade in re-used motor vehicles and services which involve modification and spare parts</li> </ul>                                                                                                                                                  |
|           | <b>Services</b>                                          |      |     |      |      |      |      |      |                                                                                                                                                                                                                                                                                                                                             |
|           | S14: Human Health and Social work,                       | 732  | 40  | 919  | 366  | 1651 | 406  | 2057 | <ul style="list-style-type: none"> <li>Most social work informal units in the state are at the cusp of medical, education and family welfare acting as a support stakeholder to Anganwadi and ICDS</li> </ul>                                                                                                                               |
|           | S13: Education,                                          | 3694 | 255 | 4560 | 472  | 8254 | 727  | 8981 | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul> |
|           | S11: Professional, Scientific and Technical activities,  | 341  | 178 | 668  | 139  | 1009 | 317  | 1326 | <ul style="list-style-type: none"> <li>Most informal entrepreneurs in this sub-sector in this state are in the fields of environment and social sciences</li> </ul>                                                                                                                                                                         |
| Meghalaya | <b>Manufacturing</b>                                     |      |     |      |      |      |      |      |                                                                                                                                                                                                                                                                                                                                             |
|           | M15: Manufacture of other non-metallic mineral products, | 61   | 158 | 0    | 36   | 61   | 194  | 255  | <ul style="list-style-type: none"> <li>Minerals like Coal, Limestone &amp; Sillimanite are found in abundance in the state and informal units around the same are also abundant<sup>60</sup></li> </ul>                                                                                                                                     |
|           | M14: Manufacture of rubber and plastics products,        | 26   | 53  | 22   | 26   | 48   | 79   | 127  | <ul style="list-style-type: none"> <li>Informal units in this sub-sector are involved in foam rubber products</li> </ul>                                                                                                                                                                                                                    |

<sup>60</sup> <https://dcmsme.gov.in/publications/traderep/spmeghalaya.pdf>

|  |                                |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                               |
|--|--------------------------------|-------|------|-------|------|-------|------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | M5: Manufacture of textiles,   | 827   | 529  | 73    | 33   | 900   | 562  | 1462  | <ul style="list-style-type: none"> <li>• Sericulture and weaving are important pre-cursors of most of the silk textile produced in the state.</li> <li>• Spinning and weaving in Meghalaya is the exclusive monopoly of women<sup>61</sup></li> </ul>                                                                                         |
|  | M23: Manufacture of furniture, | 128   | 1126 | 216   | 253  | 344   | 1379 | 1723  | <ul style="list-style-type: none"> <li>• Abundance in wood and traditional furniture making skills enable informal and formal units to produce high quality wooden furniture</li> </ul>                                                                                                                                                       |
|  | <b>Trade</b>                   |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                               |
|  | T3: Other wholesale trade,     | 952   | 844  | 77    | 245  | 1029  | 1089 | 2118  | <ul style="list-style-type: none"> <li>• For small and informal wholesale players in the region, the margin levels are low in rural areas and medium to low in urban areas.</li> </ul>                                                                                                                                                        |
|  | T4: Other retail trade,        | 34820 | 3126 | 15691 | 5244 | 50511 | 8370 | 58881 | <ul style="list-style-type: none"> <li>• Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> <li>• For remote location retail shops the margin remains low due to high logistics costs</li> </ul>                          |
|  | <b>Services</b>                |       |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                               |
|  | S13: Education,                | 1538  | 1335 | 459   | 193  | 1997  | 1528 | 3525  | <ul style="list-style-type: none"> <li>• This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul> |
|  | S3: Land transport,            | 3727  | 1756 | 2039  | 66   | 5766  | 1822 | 7588  | <ul style="list-style-type: none"> <li>• Provision of land based vehicles to tourists is one of major activities that</li> </ul>                                                                                                                                                                                                              |

<sup>61</sup> [https://textilevaluechain.in/2020/03/31/textiles-of-meghalaya/#:~:text=Weaving%20is%20an%20ancient%20craft,on\)%2C%20Muga%20and%20Mulberry.](https://textilevaluechain.in/2020/03/31/textiles-of-meghalaya/#:~:text=Weaving%20is%20an%20ancient%20craft,on)%2C%20Muga%20and%20Mulberry.)

|       |                                                                                |        |       |        |       |        |       |        |                                                                                                                                                                                                                                                                                 |
|-------|--------------------------------------------------------------------------------|--------|-------|--------|-------|--------|-------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |                                                                                |        |       |        |       |        |       |        | informal entrepreneurs are involved in the state of Meghalaya in this sub-sector                                                                                                                                                                                                |
|       | S2: Food service activities,                                                   | 5641   | 4380  | 1768   | 1764  | 7409   | 6144  | 13553  | <ul style="list-style-type: none"> <li>Mostly includes home kitchens, small restaurants and food vendors who are involved in selling food products directly and also in the form of catering services</li> </ul>                                                                |
| Assam | <b>Manufacturing</b>                                                           |        |       |        |       |        |       |        |                                                                                                                                                                                                                                                                                 |
|       | M5: Manufacture of textiles,                                                   | 10736  | 1937  | 2320   | 246   | 13056  | 2183  | 15239  | <ul style="list-style-type: none"> <li>Handloom textiles form one of the most important areas of livelihood for rural informal entrepreneurs in Assam<sup>62</sup></li> </ul>                                                                                                   |
|       | M17: Manufacture of fabricated metal products, except machinery and equipment, | 1432   | 1230  | 1162   | 1986  | 2594   | 3216  | 5810   | <ul style="list-style-type: none"> <li>An increase in infrastructure projects pulls up the demands for these fabricated products in the region</li> </ul>                                                                                                                       |
|       | M15: Manufacture of other non-metallic mineral products,                       | 1157   | 5082  | 1153   | 137   | 2310   | 5219  | 7529   | <ul style="list-style-type: none"> <li>Minerals such as Limestone, China Clay, Glass Sand, Iron ore, Silimanite and Granite found in abundance in the state and informal units producing products from these no-metallic minerals are abundant in Assam<sup>63</sup></li> </ul> |
|       | M16: Manufacture of basic metals,                                              | 73     | 367   | 57     | 0     | 130    | 367   | 497    | <ul style="list-style-type: none"> <li>Brass &amp; Bell Metal Cluster at Sarthebari and Hajo of Barpeta and Kamrup District respectively</li> </ul>                                                                                                                             |
|       | <b>Trade</b>                                                                   |        |       |        |       |        |       |        |                                                                                                                                                                                                                                                                                 |
|       | T3: Other wholesale trade,                                                     | 6044   | 4076  | 3024   | 6303  | 9068   | 10379 | 19447  | <ul style="list-style-type: none"> <li>Regional and activity specific diversities exist in the margins incurred by small and informal wholesale trade entrepreneurs</li> </ul>                                                                                                  |
|       | T4: Other retail trade,                                                        | 407691 | 31467 | 146656 | 49301 | 554347 | 80768 | 635115 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform</li> </ul>                                                                                                          |

<sup>62</sup> <https://www.fibre2fashion.com/industry-article/5620/a-study-of-the-working-of-the-handloom-and-textile-sector-of-assam>

<sup>63</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_dips/Assam%20State%20%20Profile,%20%202014-15.pdf](http://dcmsme.gov.in/dips/state_wise_dips/Assam%20State%20%20Profile,%20%202014-15.pdf)

|             |                                                     |        |       |        |       |        |       |         |                                                                                                                                                                                                                                                                                                                                  |
|-------------|-----------------------------------------------------|--------|-------|--------|-------|--------|-------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             |                                                     |        |       |        |       |        |       |         | requirements, are considering formalizations <ul style="list-style-type: none"> <li>For remote location retail shops the margin remains low due to high logistics costs</li> </ul>                                                                                                                                               |
|             | <b>Services</b>                                     |        |       |        |       |        |       |         |                                                                                                                                                                                                                                                                                                                                  |
|             | S1: Accommodation,                                  | 0      | 0     | 73     | 1515  | 73     | 1515  | 1588    | <ul style="list-style-type: none"> <li>'Aamaar Aalohi' : Rural Homestays in Assam are one of the emerging sources of enterprise for local entrepreneurs in this sub-sector<sup>64</sup></li> </ul>                                                                                                                               |
|             | S14: Human Health and Social work,                  | 3404   | 286   | 2304   | 11819 | 5708   | 12105 | 17813   | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> <li>Offering a range of healthcare and wellness services is a growing trend</li> </ul> |
|             | S2: Food service activities,                        | 23036  | 11343 | 11724  | 2725  | 34760  | 14068 | 48828   | <ul style="list-style-type: none"> <li>Mostly includes home kitchens, small restaurants and food vendors who are involved in selling food products directly and also in the form of catering services</li> </ul>                                                                                                                 |
| West Bengal | <b>Manufacturing</b>                                |        |       |        |       |        |       |         |                                                                                                                                                                                                                                                                                                                                  |
|             | M20: Manufacture of machinery and equipment n.e.c., | 0      | 51    | 2131   | 4368  | 2131   | 4419  | 6550    | <ul style="list-style-type: none"> <li>Informal units mostly focussed on electrical and sewing machinery and their spares</li> </ul>                                                                                                                                                                                             |
|             | M6: Manufacture of wearing apparel,                 | 199095 | 33928 | 231199 | 38243 | 430294 | 72171 | 502465  | <ul style="list-style-type: none"> <li>Most of the informal units focus on hosiery<sup>65</sup> or apparels involving artisan work</li> </ul>                                                                                                                                                                                    |
|             | M5: Manufacture of textiles,                        | 763923 | 26448 | 220065 | 36143 | 983988 | 62591 | 1046579 | <ul style="list-style-type: none"> <li>West Bengal has rich tradition of Handloom Weaving. The textile products of Bengal have attracted not</li> </ul>                                                                                                                                                                          |

<sup>64</sup> <https://tourismcorporation.assam.gov.in/portlets/aamaar-aalohi-livelihood-scheme>

<sup>65</sup> <https://perfectsourcing.net/featured/can-west-bengal-be-the-next-garment-manufacturing-hub-in-india/>

|                                           |         |       |        |        |         |        |         |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------|---------|-------|--------|--------|---------|--------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                           |         |       |        |        |         |        |         | <p>only national but also worldwide attention and bears the timeless legacy of our cultural heritage.</p> <ul style="list-style-type: none"><li>• ‘Jamdani’ and ‘Tangail’ are two pioneer sarees in the field of heritage handloom products of Bengal handloom and are mostly produced by weavers<sup>66</sup> and informal entrepreneurs. Gradually formalization is happening in this sub-sector</li><li>•</li></ul> |
| M19: Manufacture of electrical equipment, | 0       | 58    | 2162   | 1183   | 2162    | 1241   | 3403    | <ul style="list-style-type: none"><li>• Push by government towards clean and electric buses is creating opportunities for entrepreneurs in the areas of batteries, electrical components etc<sup>67</sup></li></ul>                                                                                                                                                                                                    |
| Trade                                     |         |       |        |        |         |        |         |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| T3: Other wholesale trade,                | 105225  | 15103 | 73829  | 40860  | 179054  | 55963  | 235017  | <ul style="list-style-type: none"><li>• Regional and activity specific diversities exist in the margins incurred by small and informal wholesale trade entrepreneurs</li></ul>                                                                                                                                                                                                                                         |
| T4: Other retail trade,                   | 1037519 | 47655 | 747379 | 124003 | 1784898 | 171658 | 1956556 | <ul style="list-style-type: none"><li>• Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li></ul>                                                                                                                                                                                                    |
| Services                                  |         |       |        |        |         |        |         |                                                                                                                                                                                                                                                                                                                                                                                                                        |
| S14: Human Health and Social work,        | 48279   | 3228  | 43630  | 23081  | 91909   | 26309  | 118218  | <ul style="list-style-type: none"><li>• This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li></ul>                                                                                                                                                                        |

<sup>66</sup> [https://www.westbengalhandloom.org/htm/beng\\_hand.html](https://www.westbengalhandloom.org/htm/beng_hand.html)

<sup>67</sup> <http://www.wbreda.org/battery-operated-vehicle/>

|           |                                                          |       |       |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                               |
|-----------|----------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |                                                          |       |       |       |       |       |       |       | <ul style="list-style-type: none"> <li>Offering a range of healthcare and wellness services is a growing trend</li> </ul>                                                                                                                                                                                                                                     |
|           | S11: Professional, Scientific and Technical activities,  | 11109 | 776   | 25462 | 9011  | 36571 | 9787  | 46358 | <ul style="list-style-type: none"> <li>This sector mostly comprises of establishments that specialize in performing professional, scientific, and technical activities for others. Mostly located in and around universities and technical institutions in and also have a presence in the gig economy also for informally offering these services</li> </ul> |
|           | S12: Administrative and support service activities,      | 19747 | 14035 | 27706 | 17914 | 47453 | 31949 | 79402 | <ul style="list-style-type: none"> <li>Mostly consists of agencies that provide support staff and admin support</li> </ul>                                                                                                                                                                                                                                    |
| Jharkhand | <b>Manufacturing</b>                                     |       |       |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                               |
|           | M15: Manufacture of other non-metallic mineral products, | 8018  | 2881  | 648   | 1024  | 8666  | 3905  | 12571 | <ul style="list-style-type: none"> <li>The region is endowed with Coal, Lime stone, Fireclay, China clay, Granite, stone and sand</li> <li>Mineral based products and ceramics manufactured by informal and formal enterprises are also part of exports from the state<sup>68</sup></li> </ul>                                                                |
|           | M10: Printing and reproduction of recorded media,        | 15    | 29    | 496   | 683   | 511   | 712   | 1223  | <ul style="list-style-type: none"> <li>Informal units of this sub-sector mostly around Ranchi</li> </ul>                                                                                                                                                                                                                                                      |
|           | M3: Manufacture of beverages,                            | 79452 | 0     | 5416  | 94    | 84868 | 94    | 84962 | <ul style="list-style-type: none"> <li>Informal units of this sub-sector mostly around Ranchi with a focus on fruit derivatives and concentrates</li> </ul>                                                                                                                                                                                                   |
|           | M2: Manufacture of food products,                        | 23556 | 1254  | 4125  | 2638  | 27681 | 3892  | 31573 | <ul style="list-style-type: none"> <li>Fruits &amp; vegetables pack houses, Litchi processing, Oil based pickles and Aonla processing encompass the major informal enterprises in the state in this sub-sector<sup>69</sup></li> </ul>                                                                                                                        |
|           | <b>Trade</b>                                             |       |       |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                               |

<sup>68</sup> <http://dcmsme.gov.in/dips/DIPS%20Ranchi.pdf>

<sup>69</sup> <http://foodprocessingindia.gov.in/state-profile-replica?id=9&stateid=741&name=JHARKHAND>



|        |                                                                                 |        |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
|--------|---------------------------------------------------------------------------------|--------|------|--------|-------|--------|-------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | T4: Other retail trade,                                                         | 390247 | 8611 | 147405 | 18407 | 537652 | 27018 | 564670 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> </ul>                                                                                                                         |
|        | T1: Trade and repair of motor vehicles and motor cycles,                        | 7163   | 3628 | 3208   | 6912  | 10371  | 10540 | 20911  | <ul style="list-style-type: none"> <li>Informal entrepreneurs in this sub-sector mostly trade in re-used motor vehicles and services which involve modification and spare parts</li> </ul>                                                                                                                                                  |
|        | <b>Services</b>                                                                 |        |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
|        | S14: Human Health and Social work,                                              | 13527  | 1002 | 2730   | 1946  | 16257  | 2948  | 19205  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> </ul>                                                                                             |
|        | S2: Food service activities,                                                    | 75615  | 6778 | 17156  | 8852  | 92771  | 15630 | 108401 | <ul style="list-style-type: none"> <li>Mostly includes home kitchens, small restaurants and food vendors who are involved in selling food products directly and also in the form of catering services</li> </ul>                                                                                                                            |
|        | S13: Education,                                                                 | 15535  | 2803 | 12422  | 2863  | 27957  | 5666  | 33623  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul> |
| Odisha | <b>Manufacturing</b>                                                            |        |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
|        | M13: Manufacture of pharmaceuticals, medicinal chemical and botanical products, | 0      | 0    | 66     | 0     | 66     | 0     | 66     | <ul style="list-style-type: none"> <li>Most of the informal units under this sub-sector are located around Cuttack, Berhampur, Bhubaneswar, Balasore, Rourkela, Sambalpur and Puri.</li> </ul>                                                                                                                                              |

|  |                                                                 |       |      |      |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--|-----------------------------------------------------------------|-------|------|------|-------|-------|-------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | M21: Manufacture of motor vehicles, trailers and semi-trailers, | 0     | 0    | 86   | 151   | 86    | 151   | 237   | <ul style="list-style-type: none"> <li>Informal units are mostly in the manufacture of transport equipment and parts for the motor vehicles, trailers and semi-trailers<sup>70</sup></li> </ul>                                                                                                                                                                                                                                                                                           |
|  | M10: Printing and reproduction of recorded media,               | 476   | 305  | 1194 | 619   | 1670  | 924   | 2594  | <ul style="list-style-type: none"> <li>Short film and video entrepreneurs are emerging informal entrepreneurs in this state in in this sub-sector</li> </ul>                                                                                                                                                                                                                                                                                                                              |
|  | M5: Manufacture of textiles,                                    | 45545 | 406  | 5227 | 1081  | 50772 | 1487  | 52259 | <ul style="list-style-type: none"> <li>72 clusters have been identified in the State for development of Handloom out of which 38 are important clusters.<sup>71</sup></li> <li>Odisha is one of the largest producers of cotton and hand spun and hand woven silk. Most of the informal units which use non mechanized ways and means</li> <li>Handlooms of Odisha is a popular enterprise endeavour that has many informal enterprises and weavers and craftsmen<sup>72</sup></li> </ul> |
|  | <b>Trade</b>                                                    |       |      |      |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|  | T3: Other wholesale trade,                                      | 13625 | 5317 | 3583 | 33011 | 17208 | 38328 | 55536 | <ul style="list-style-type: none"> <li>Regional and activity specific diversities exist in the margins incurred by small and informal wholesale trade entrepreneurs</li> </ul>                                                                                                                                                                                                                                                                                                            |
|  | T1: Trade and repair of motor vehicles and motor cycles,        | 5672  | 3501 | 8569 | 9385  | 14241 | 12886 | 27127 | <ul style="list-style-type: none"> <li>Informal entrepreneurs in this sub-sector mostly trade in re-used motor vehicles and services which involve modification and spare parts</li> </ul>                                                                                                                                                                                                                                                                                                |
|  | <b>Services</b>                                                 |       |      |      |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

<sup>70</sup> [https://books.google.co.in/books?id=pXCpAgAAQBAJ&pg=PT94&lpg=PT94&dq=odisha+Manufacture+of+motor+vehicles,+trailers+and+semi-trailers&source=bl&ots=Lt2zLGPGmp&sig=ACfU3U28\\_U3yHw-muXRFpb6ymumdxYGpeA&hl=en&sa=X&ved=2ahUKewjF9JrUfvpAhXF6XMBHUNAAA0Q6AEwEnoECAwQAQ#v=onepage&q=odisha%20Manufacture%20of%20motor%20vehicles%20and%20semi-trailers&f=false](https://books.google.co.in/books?id=pXCpAgAAQBAJ&pg=PT94&lpg=PT94&dq=odisha+Manufacture+of+motor+vehicles,+trailers+and+semi-trailers&source=bl&ots=Lt2zLGPGmp&sig=ACfU3U28_U3yHw-muXRFpb6ymumdxYGpeA&hl=en&sa=X&ved=2ahUKewjF9JrUfvpAhXF6XMBHUNAAA0Q6AEwEnoECAwQAQ#v=onepage&q=odisha%20Manufacture%20of%20motor%20vehicles%20and%20semi-trailers&f=false)

<sup>71</sup> <https://handloom.odisha.gov.in/ImpClusters.asp?lnk=3&PL=5>

<sup>72</sup> <https://handloom.odisha.gov.in/>

|              |                                              |       |      |       |       |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------|----------------------------------------------|-------|------|-------|-------|-------|-------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | S13: Education,                              | 7869  | 3160 | 5040  | 5673  | 12909 | 8833  | 21742  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul>                                                      |
|              | S14: Human Health and Social work,           | 8622  | 675  | 3567  | 3553  | 12189 | 4228  | 16417  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> <li>Offering a range of healthcare and wellness services is a growing trend</li> </ul>                                                                 |
|              | S2: Food service activities,                 | 67794 | 7485 | 29754 | 12394 | 97548 | 19879 | 117427 | <ul style="list-style-type: none"> <li>Mostly includes home kitchens, small restaurants and food vendors who are involved in selling food products directly and also in the form of catering services</li> </ul>                                                                                                                                                                                 |
| Chhattisgarh | <b>Manufacturing</b>                         |       |      |       |       |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                  |
|              | M9: Manufacture of paper and paper products, | 57    | 4    | 1193  | 57    | 1250  | 61    | 1311   | <ul style="list-style-type: none"> <li>Paper products produced by informal units in this sector include paper cups, decorative paper, gummed paper tapes, sand paper, corrugated paper cartons etc<sup>73</sup></li> </ul>                                                                                                                                                                       |
|              | M2: Manufacture of food products,            | 18709 | 1089 | 4905  | 2237  | 23614 | 3326  | 26940  | <ul style="list-style-type: none"> <li>Informal units mostly focus on processing of horticulture produce such Mango, Guava, and Tomato</li> <li>A Food Park is being developed at District Dhamtari, which happens to be the highest Paddy Producing District of the State. The District is also known for its high Horticulture &amp; pisciculture Produce. This further expected to</li> </ul> |

<sup>73</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_dips/chhattisgarh.pdf](http://dcmsme.gov.in/dips/state_wise_dips/chhattisgarh.pdf)

|                                                          |        |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------|--------|------|--------|-------|--------|-------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                          |        |      |        |       |        |       |        | augment food producing formal and informal units <sup>74</sup>                                                                                                                                                                                                                                                                              |
| M15: Manufacture of other non-metallic mineral products, | 12793  | 2164 | 1784   | 883   | 14577  | 3047  | 17624  | <ul style="list-style-type: none"> <li>Cutting and polishing of stones and manufacturing of tiles based informal units are found in Chhatisgarh</li> </ul>                                                                                                                                                                                  |
| M6: Manufacture of wearing apparel,                      | 43598  | 591  | 22801  | 4197  | 66399  | 4788  | 71187  | <ul style="list-style-type: none"> <li>Most of the informal units in this sub-sector are located near the Apparel Park, Bhanpuri, Raipur</li> </ul>                                                                                                                                                                                         |
| <b>Trade</b>                                             |        |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
| T3: Other wholesale trade,                               | 5782   | 886  | 1949   | 2247  | 7731   | 3133  | 10864  | <ul style="list-style-type: none"> <li>Regional and activity specific diversities exist in the margins incurred by small and informal wholesale trade entrepreneurs</li> </ul>                                                                                                                                                              |
| T4: Other retail trade,                                  | 221095 | 2802 | 118606 | 37643 | 339701 | 40445 | 380146 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> </ul>                                                                                                                         |
| <b>Services</b>                                          |        |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                             |
| S13: Education,                                          | 390    | 1245 | 3504   | 5356  | 3894   | 6601  | 10495  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul> |
| S10: Real estate activities,                             | 328    | 7    | 441    | 160   | 769    | 167   | 936    | <ul style="list-style-type: none"> <li>Informal units in this sub-sector mostly comprise of property dealers, consultants, units enabling contracting and drafting services and other works related with</li> </ul>                                                                                                                         |

<sup>74</sup> <https://csidc.in/home2/index.php/en/2015-01-25-07-31-43/2015-01-25-07-32-49/mega-food-park>

|                |                                                          |       |       |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------|----------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                |                                                          |       |       |       |       |       |       |       | paperwork for local government compliances                                                                                                                                                                                                                                                                                                                                                                                                             |
|                | S1: Accommodation,                                       | 0     | 11    | 0     | 975   | 0     | 986   | 986   | <ul style="list-style-type: none"> <li>The state has various old historic points, exquisite wild life, wonderfully cut sanctuaries, regal residences, waterfalls, cavern, rock depictions and slope levels which makes it an attractive location for tourists. Homestays, rented accommodation for seekers of eco-ethno adventures and cultural tourism are critical part of informal economy under this particular sub-sector<sup>75</sup></li> </ul> |
| Madhya Pradesh | <b>Manufacturing</b>                                     |       |       |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                | M14: Manufacture of rubber and plastics products,        | 119   | 0     | 280   | 692   | 399   | 692   | 1091  | <ul style="list-style-type: none"> <li>Tyre and tubes repairing materials form major activities by informal units under this sub-sector in this state</li> </ul>                                                                                                                                                                                                                                                                                       |
|                | M25: Repair and installation of machinery and equipment, | 7352  | 891   | 14152 | 3183  | 21504 | 4074  | 25578 | <ul style="list-style-type: none"> <li>Presence and growth of diverse industries in the region necessitates the repair and installation enterprises</li> </ul>                                                                                                                                                                                                                                                                                         |
|                | M15: Manufacture of other non-metallic mineral products, | 21952 | 14197 | 6474  | 1599  | 28426 | 15796 | 44222 | <ul style="list-style-type: none"> <li>Most informal units involved in manufacture of non-metallic mineral products include: <ul style="list-style-type: none"> <li>Flag Stone Cutting, polishing</li> <li>Asbestos Cement Sheet</li> <li>Slate Pencil</li> <li>Coal Ossuary<sup>76</sup></li> </ul> </li> </ul>                                                                                                                                       |
|                | M16: Manufacture of basic metals,                        | 0     | 0     | 261   | 29    | 261   | 29    | 290   | <ul style="list-style-type: none"> <li>Most informal units in and around Indore and Jabalpur</li> </ul>                                                                                                                                                                                                                                                                                                                                                |
|                | <b>Trade</b>                                             |       |       |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                | T3: Other wholesale trade,                               | 18590 | 4717  | 8999  | 16043 | 27589 | 20760 | 48349 | <ul style="list-style-type: none"> <li>Regional and activity specific diversities exist in the margins incurred by small</li> </ul>                                                                                                                                                                                                                                                                                                                    |

<sup>75</sup> <http://www.chhattisgarhtourism.co.in/>

<sup>76</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_profile\\_16-17/Madhya%20Pradesh%20profile%2016-17.pdf](http://dcmsme.gov.in/dips/state_wise_profile_16-17/Madhya%20Pradesh%20profile%2016-17.pdf)

|         |                                                         |       |      |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                               |
|---------|---------------------------------------------------------|-------|------|-------|-------|-------|-------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |                                                         |       |      |       |       |       |       |       | and informal wholesale trade entrepreneurs                                                                                                                                                                                                                                                                                                                    |
|         | T2: Activities of commission agents,                    | 549   | 54   | 89    | 489   | 638   | 543   | 1181  | <ul style="list-style-type: none"> <li>Characterized by providing access to credit and other factors of production to producers in the state</li> </ul>                                                                                                                                                                                                       |
|         | <b>Services</b>                                         |       |      |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                               |
|         | S11: Professional, Scientific and Technical activities, | 2991  | 168  | 17811 | 5361  | 20802 | 5529  | 26331 | <ul style="list-style-type: none"> <li>This sector mostly comprises of establishments that specialize in performing professional, scientific, and technical activities for others. Mostly located in and around universities and technical institutions in and also have a presence in the gig economy also for informally offering these services</li> </ul> |
|         | S14: Human Health and Social work,                      | 25016 | 2024 | 12651 | 10822 | 37667 | 12846 | 50513 | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> <li>Offering a range of healthcare and wellness services is a growing trend</li> </ul>                              |
| Gujarat | S13: Education,                                         | 5610  | 9315 | 17535 | 16355 | 23145 | 25670 | 48815 | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul>                   |
|         | <b>Manufacturing</b>                                    |       |      |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                               |
|         | M10: Printing and reproduction of recorded media,       | 373   | 13   | 1856  | 1917  | 2229  | 1930  | 4159  | <ul style="list-style-type: none"> <li>Short film and video entrepreneurs are emerging informal entrepreneurs in this state in in this sub-sector</li> </ul>                                                                                                                                                                                                  |

|  |                                                                                |       |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--|--------------------------------------------------------------------------------|-------|------|--------|-------|--------|-------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | M17: Manufacture of fabricated metal products, except machinery and equipment, | 9564  | 3355 | 16252  | 18213 | 25816  | 21568 | 47384  | <ul style="list-style-type: none"> <li>An increase in infrastructure and auto projects has pulled up the demands for these fabricated products in the region</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                            |
|  | M2: Manufacture of food products,                                              | 41187 | 386  | 23651  | 14037 | 64838  | 14423 | 79261  | <ul style="list-style-type: none"> <li>Gujarat has eight agro-climatic zones beneficial for cultivation of a multitude of crops, vegetables and fruits round the year.</li> <li>Major food processing activities and clusters around which several informal enterprises are coming up include: <ul style="list-style-type: none"> <li>Fish Processing - Veraval, Bhavnagar</li> <li>Psyllium (Isabgol), Husk Processing - Mehsana, Patan</li> <li>Milk Processing - Vadodara, Rajkot, Anand</li> <li>Prepared Foods - Amreli, Bharuch, Mehsana<sup>77</sup></li> </ul> </li> </ul> |
|  | M5: Manufacture of textiles,                                                   | 27170 | 4294 | 203329 | 53130 | 230499 | 57424 | 287923 | <ul style="list-style-type: none"> <li>Entrepreneurs employing workers/artisans in Gujarat in the textile sector have their products in high demand</li> <li>Carpet weavers in tribal areas of Gujarat are common<sup>78</sup></li> </ul>                                                                                                                                                                                                                                                                                                                                          |
|  | <b>Trade</b>                                                                   |       |      |        |       |        |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|  | T3: Other wholesale trade,                                                     | 4459  | 1869 | 32202  | 53188 | 36661  | 55057 | 91718  | <ul style="list-style-type: none"> <li>Regional and activity specific diversities exist in the margins incurred by small and informal wholesale trade entrepreneurs</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                     |
|  | T1: Trade and repair of motor vehicles and motor cycles,                       | 12728 | 3543 | 35231  | 21992 | 47959  | 25535 | 73494  | <ul style="list-style-type: none"> <li>Gujarat emerged as an automotive hub with investments from Tata Motors (driven by the Tata Nano), Suzuki, and Ford<sup>79</sup>. Informal entrepreneurs in this</li> </ul>                                                                                                                                                                                                                                                                                                                                                                  |

<sup>77</sup> <http://foodprocessingindia.gov.in/state-profile-pdf/gujarat.pdf>

<sup>78</sup> <http://www.dcmsme.gov.in/Policies/National%20Policies/2.%20Gujarat.pdf>

<sup>79</sup> <https://www.isc.hbs.edu/resources/courses/moc-course-at-harvard/Documents/pdf/student-projects/MOC%20Tamil%20Nadu%20Auto%20Cluster%20Final.pdf>

|               |                                                      |      |      |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                           |
|---------------|------------------------------------------------------|------|------|-------|-------|-------|-------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |                                                      |      |      |       |       |       |       |       | sub-sector mostly trade in re-used motor vehicles and services which involve modification and spare parts                                                                                                                                                                                                                                 |
|               | Services                                             |      |      |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                           |
|               | S14: Human Health and Social work,                   | 7749 | 1266 | 14179 | 13579 | 21928 | 14845 | 36773 | <ul style="list-style-type: none"><li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li><li>Offering a range of healthcare and wellness services is a growing trend</li></ul>             |
|               | S13: Education,                                      | 3320 | 3248 | 36161 | 6226  | 39481 | 9474  | 48955 | <ul style="list-style-type: none"><li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li></ul> |
|               | S1: Accommodation,                                   | 0    | 693  | 0     | 2377  | 0     | 3070  | 3070  | <ul style="list-style-type: none"><li></li></ul>                                                                                                                                                                                                                                                                                          |
| Daman and Diu | Manufacturing                                        |      |      |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                           |
|               | M12: Manufacture of chemicals and chemical products, | 0    | 0    | 0     | 4     | 0     | 4     | 4     | <ul style="list-style-type: none"><li>distinct flora of the region (such as jojoba etc) serves as potent raw material for extraction and processing of natural/plant based chemicals and chemical products such as essentials oils</li></ul>                                                                                              |
|               | M10: Printing and reproduction of recorded media,    | 5    | 1    | 0     | 0     | 5     | 1     | 6     | -                                                                                                                                                                                                                                                                                                                                         |
|               | M14: Manufacture of rubber and plastics products,    | 0    | 12   | 0     | 0     | 0     | 12    | 12    | <ul style="list-style-type: none"><li>Plastic &amp; Rubber sector has created the maximum employment generation of almost 12141 people with an investment of INR 37054.75 in Lakhs during 2006-2015 in the district</li></ul>                                                                                                             |



|                        |                                                                                |     |    |      |     |      |     |      |                                                                                                                                                                                                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------|-----|----|------|-----|------|-----|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | M17: Manufacture of fabricated metal products, except machinery and equipment, | 7   | 7  | 49   | 24  | 56   | 31  | 87   | <ul style="list-style-type: none"> <li>An increase in infrastructure projects pulls up the demands for these fabricated products in the region</li> </ul>                                                                                                                                                                        |
|                        | <b>Trade</b>                                                                   |     |    |      |     |      |     |      |                                                                                                                                                                                                                                                                                                                                  |
|                        | T3: Other wholesale trade,                                                     | 0   | 0  | 0    | 60  | 0    | 60  | 60   | <ul style="list-style-type: none"> <li>For small and informal wholesale players in the region, the margin levels are low in rural areas and medium to low in urban areas.</li> </ul>                                                                                                                                             |
|                        | T4: Other retail trade,                                                        | 507 | 44 | 2248 | 698 | 2755 | 742 | 3497 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> </ul>                                                                                                              |
|                        | <b>Services</b>                                                                |     |    |      |     |      |     |      |                                                                                                                                                                                                                                                                                                                                  |
|                        | S1: Accommodation,                                                             | 0   | 0  | 0    | 42  | 0    | 42  | 42   | <ul style="list-style-type: none"> <li>Known as a popular tourist spot and informal units mostly encompass Homestays and Bread and Breakfasts.</li> </ul>                                                                                                                                                                        |
|                        | S2: Food service activities,                                                   | 24  | 16 | 458  | 203 | 482  | 219 | 701  | <ul style="list-style-type: none"> <li>Informal units in this sub-sector mostly comprise of fast food/sea food points<sup>80</sup></li> </ul>                                                                                                                                                                                    |
|                        | S14: Human Health and Social work,                                             | 184 | 1  | 0    | 0   | 184  | 1   | 185  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> <li>Offering a range of healthcare and wellness services is a growing trend</li> </ul> |
| Dadra and Nagar Haveli | <b>Manufacturing</b>                                                           |     |    |      |     |      |     |      |                                                                                                                                                                                                                                                                                                                                  |
|                        | M5: Manufacture of textiles,                                                   | 0   | 0  | 19   | 43  | 19   | 43  | 62   | <ul style="list-style-type: none"> <li>This UT has yarn processing (textile) cluster of textile units<sup>81</sup></li> <li>One of highest textile output in the nation</li> </ul>                                                                                                                                               |

<sup>80</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_profile\\_16-17/2.%20Daman%20and%20Diu%20State%20Profile%202016.17.pdf](http://dcmsme.gov.in/dips/state_wise_profile_16-17/2.%20Daman%20and%20Diu%20State%20Profile%202016.17.pdf)

<sup>81</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_dips/Ahemdabad,%20dadar%20nagar%20haveli%20and%20damam%20diu.pdf](http://dcmsme.gov.in/dips/state_wise_dips/Ahemdabad,%20dadar%20nagar%20haveli%20and%20damam%20diu.pdf)

|                                                                                |     |    |     |     |     |     |     |                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------|-----|----|-----|-----|-----|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                |     |    |     |     |     |     |     | <ul style="list-style-type: none"><li>Informal units mostly involved in non-mechanized value addition</li></ul>                                                                                                                                                                                                                           |
| M25: Repair and installation of machinery and equipment,                       | 0   | 4  | 50  | 96  | 50  | 100 | 150 | <ul style="list-style-type: none"><li>Presence and growth of diverse industries in the region necessitates the repair and installation enterprises</li></ul>                                                                                                                                                                              |
| M10: Printing and reproduction of recorded media,                              | 0   | 0  | 19  | 30  | 19  | 30  | 49  | <ul style="list-style-type: none"><li>Mostly in and around Silvassa district<sup>82</sup></li></ul>                                                                                                                                                                                                                                       |
| M17: Manufacture of fabricated metal products, except machinery and equipment, | 0   | 68 | 39  | 14  | 39  | 82  | 121 | <ul style="list-style-type: none"><li>An increase in infrastructure projects pulls up the demands for these fabricated products in the region</li></ul>                                                                                                                                                                                   |
| Trade                                                                          |     |    |     |     |     |     |     |                                                                                                                                                                                                                                                                                                                                           |
| T3: Other wholesale trade,                                                     | 12  | 0  | 4   | 0   | 16  | 0   | 16  | <ul style="list-style-type: none"><li>For small and informal wholesale players in the region, the margin levels are low in rural areas and medium to low in urban areas.</li></ul>                                                                                                                                                        |
| T1: Trade and repair of motor vehicles and motor cycles,                       | 0   | 30 | 0   | 23  | 0   | 53  | 53  | <ul style="list-style-type: none"><li>Informal entrepreneurs in this sub-sector mostly trade in re-used motor vehicles and services which involve modification and spare parts</li></ul>                                                                                                                                                  |
| Services                                                                       |     |    |     |     |     |     |     |                                                                                                                                                                                                                                                                                                                                           |
| S2: Food service activities,                                                   | 258 | 50 | 301 | 165 | 559 | 215 | 774 | <ul style="list-style-type: none"><li>Mostly centred around Dadra and Silvassa</li></ul>                                                                                                                                                                                                                                                  |
| S13: Education,                                                                | 0   | 5  | 50  | 4   | 50  | 9   | 59  | <ul style="list-style-type: none"><li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li></ul> |

<sup>82</sup> <https://dir.indiamart.com/silvassa/printing-services.html>

|             |                                                                                |       |      |       |       |       |       |        |                                                                                                                                                                                                                                                                             |
|-------------|--------------------------------------------------------------------------------|-------|------|-------|-------|-------|-------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | S14: Human Health and Social work,                                             | 5     | 0    | 5     | 140   | 10    | 140   | 150    | -                                                                                                                                                                                                                                                                           |
| Maharashtra | <b>Manufacturing</b>                                                           |       |      |       |       |       |       |        |                                                                                                                                                                                                                                                                             |
|             | M17: Manufacture of fabricated metal products, except machinery and equipment, | 23753 | 5470 | 19543 | 45192 | 43296 | 50662 | 93958  | <ul style="list-style-type: none"> <li>An increase in infrastructure projects pulls up the demands for these fabricated products in the region</li> </ul>                                                                                                                   |
|             | M20: Manufacture of machinery and equipment n.e.c.,                            | 20    | 240  | 675   | 2264  | 695   | 2504  | 3199   | <ul style="list-style-type: none"> <li>Major activities that are growing under this sector encompass: Precision meterology equipment, Power house equipment, Construction Equipment</li> <li>Pune and Kolhapur districts have high potential for this sub-sector</li> </ul> |
|             | M25: Repair and installation of machinery and equipment,                       | 5286  | 829  | 10730 | 4554  | 16016 | 5383  | 21399  | <ul style="list-style-type: none"> <li>Presence and growth of diverse industries in the region necessitates the repair and installation enterprises</li> </ul>                                                                                                              |
|             | M18: Manufacture of computer, electronic and optical products,                 | 0     | 86   | 4967  | 959   | 4967  | 1045  | 6012   | <ul style="list-style-type: none"> <li>Districts in Maharashtra which have the maximum potential for this sub-sector: Nagpur, Thane, Palghar, Dhule<sup>83</sup></li> </ul>                                                                                                 |
|             | <b>Trade</b>                                                                   |       |      |       |       |       |       |        |                                                                                                                                                                                                                                                                             |
|             | T3: Other wholesale trade,                                                     | 28508 | 3915 | 54684 | 55923 | 83192 | 59838 | 143030 | <ul style="list-style-type: none"> <li>Regional and activity specific diversities exist in the margins incurred by small and informal wholesale trade entrepreneurs</li> </ul>                                                                                              |
|             | T2: Activities of commission agents,                                           | 3889  | 20   | 4748  | 6761  | 8637  | 6781  | 15418  | <ul style="list-style-type: none"> <li>Characterized by providing access to credit and other factors of production to producers in the state</li> </ul>                                                                                                                     |
|             | <b>Services</b>                                                                |       |      |       |       |       |       |        |                                                                                                                                                                                                                                                                             |
|             | S11: Professional, Scientific and Technical activities,                        | 17958 | 1283 | 32865 | 21850 | 50823 | 23133 | 73956  | <ul style="list-style-type: none"> <li>This sector mostly comprises of establishments that specialize in performing professional, scientific, and technical activities for others. Mostly located in and around universities and</li> </ul>                                 |

<sup>83</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_dips/Industrial%20State%20Profile%20of%20Maharashtra.pdf](http://dcmsme.gov.in/dips/state_wise_dips/Industrial%20State%20Profile%20of%20Maharashtra.pdf)

|           |                                                          |       |       |       |       |       |       |        |                                                                                                                                                                                                                                                                                                                                                     |
|-----------|----------------------------------------------------------|-------|-------|-------|-------|-------|-------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |                                                          |       |       |       |       |       |       |        | technical institutions in and also have a presence in the gig economy also for informally offering these services                                                                                                                                                                                                                                   |
|           | S14: Human Health and Social work,                       | 26042 | 8603  | 32237 | 51770 | 58279 | 60373 | 118652 | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> <li>Offering a range of healthcare and wellness services is a growing trend</li> </ul>                    |
|           | S12: Administrative and support service activities,      | 24318 | 11926 | 34552 | 27407 | 58870 | 39333 | 98203  | <ul style="list-style-type: none"> <li>Mostly consists of agencies that provide support staff and admin support</li> </ul>                                                                                                                                                                                                                          |
| Karnataka | <b>Manufacturing</b>                                     |       |       |       |       |       |       |        |                                                                                                                                                                                                                                                                                                                                                     |
|           | M15: Manufacture of other non-metallic mineral products, | 1539  | 8112  | 59    | 5450  | 1598  | 13562 | 15160  | <ul style="list-style-type: none"> <li>This sector in Karnataka mainly includes: <ul style="list-style-type: none"> <li>Scientific Glassware</li> <li>Decorative glassware and ceramicware</li> <li>Hydrated Lime</li> <li>Calcium carbonate</li> <li>Colour pigment from stone powder</li> <li>PCC poles</li> <li>RCC pipes</li> </ul> </li> </ul> |
|           | M19: Manufacture of electrical equipment,                | 143   | 478   | 0     | 3436  | 143   | 3914  | 4057   | <ul style="list-style-type: none"> <li>Push by government towards clean and electric buses is creating opportunities for entrepreneurs in the areas of batteries, electrical components etc<sup>84</sup></li> </ul>                                                                                                                                 |
|           | M9: Manufacture of paper and paper products,             | 0     | 247   | 42    | 668   | 42    | 915   | 957    | <ul style="list-style-type: none"> <li>Main attractions of this sector from an informal economy are: <ul style="list-style-type: none"> <li>Paper manufacture from ragi husk</li> </ul> </li> </ul>                                                                                                                                                 |

<sup>84</sup> <https://kum.karnataka.gov.in/KUM/PDFS/KEVESPPolicyInsidepagesfinal.pdf>

|                                      |       |       |       |       |       |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------|-------|-------|-------|-------|-------|--------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                      |       |       |       |       |       |        |        | <ul style="list-style-type: none"><li>○ Handmade paper and its products</li></ul>                                                                                                                                                                                                                                                                                                                                                                                   |
| M2: Manufacture of food products,    | 54214 | 9862  | 40365 | 20846 | 94579 | 30708  | 125287 | <ul style="list-style-type: none"><li>• Karnataka has 5 dedicated Food Parks and one Food Processing SEZ</li><li>• Karnataka is the leader in horticultural products and spices, aromatic and medicinal crops, and tropical fruits.</li><li>• It is the largest producer of coffee and cocoa in the country.<sup>85</sup></li><li>• Avenues for investment and growth: Onion cold storage, peanut butter, jams and jellies and malting units<sup>86</sup></li></ul> |
| Trade                                |       |       |       |       |       |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| T3: Other wholesale trade,           | 16830 | 11295 | 55436 | 90077 | 72266 | 101372 | 173638 | <ul style="list-style-type: none"><li>• Regional and activity specific diversities exist in the margins incurred by small and informal wholesale trade entrepreneurs</li></ul>                                                                                                                                                                                                                                                                                      |
| T2: Activities of commission agents, | 4326  | 90    | 5984  | 1266  | 10310 | 1356   | 11666  | <ul style="list-style-type: none"><li>• Characterized by providing access to credit and other factors of production to producers in the state</li></ul>                                                                                                                                                                                                                                                                                                             |
| Services                             |       |       |       |       |       |        |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| S13: Education,                      | 3045  | 8309  | 12871 | 22714 | 15916 | 31023  | 46939  | <ul style="list-style-type: none"><li>• This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li></ul>                                                                                                                         |
| S14: Human Health and Social work,   | 15509 | 3029  | 9456  | 23168 | 24965 | 26197  | 51162  | <ul style="list-style-type: none"><li>• This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical</li></ul>                                                                                                                                                                                                                                                                                             |

<sup>85</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_dips/state\\_profile\\_karnataka\\_11316.pdf](http://dcmsme.gov.in/dips/state_wise_dips/state_profile_karnataka_11316.pdf)

<sup>86</sup> <http://foodprocessingindia.gov.in/state-profile-pdf/karnataka.pdf>

|     |                                                   |       |       |       |       |        |       |        |                                                                                                                                                                                                                                                                                                  |
|-----|---------------------------------------------------|-------|-------|-------|-------|--------|-------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                                   |       |       |       |       |        |       |        | equipment and supplies, medical insurance, telemedicine and social work <ul style="list-style-type: none"> <li>Offering a range of healthcare and wellness services is a growing trend</li> </ul>                                                                                                |
|     | S2: Food service activities,                      | 57117 | 13202 | 67401 | 47244 | 124518 | 60446 | 184964 |                                                                                                                                                                                                                                                                                                  |
| Goa | <b>Manufacturing</b>                              |       |       |       |       |        |       |        |                                                                                                                                                                                                                                                                                                  |
|     | M10: Printing and reproduction of recorded media, | 0     | 0     | 18    | 431   | 18     | 431   | 449    | <ul style="list-style-type: none"> <li>Advertising agencies are on the rise in Goa</li> <li>Creation of short films, photography due to popularity with tourists, particularly with advent of gig economy platforms, is the new norm for a lot of informal entrepreneurs<sup>87</sup></li> </ul> |
|     | M2: Manufacture of food products,                 | 234   | 151   | 427   | 1996  | 661    | 2147  | 2808   | <ul style="list-style-type: none"> <li>Manufacture of Cashew based products, bakery products, banana, jackfruit and coconut based products are major food products manufactured by informal and formal units in Goa<sup>88</sup></li> </ul>                                                      |
|     | M24: Other manufacturing,                         | 0     | 15    | 1064  | 104   | 1064   | 119   | 1183   | <ul style="list-style-type: none"> <li>Artificial and imitation jewellery produced by hand craftsmanship is common in Goa</li> </ul>                                                                                                                                                             |
|     | M23: Manufacture of furniture,                    | 35    | 64    | 257   | 385   | 292    | 449   | 741    | <ul style="list-style-type: none"> <li>Mostly caned and carved furniture units are existing wherein most of the manufacturing is done by hand<sup>89</sup></li> </ul>                                                                                                                            |
|     | <b>Trade</b>                                      |       |       |       |       |        |       |        |                                                                                                                                                                                                                                                                                                  |
|     | T4: Other retail trade,                           | 6100  | 968   | 19413 | 6776  | 25513  | 7744  | 33257  | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> </ul>                                                                              |

<sup>87</sup> <https://www.thrillophilia.com/states/goa/tags/photography>

<sup>88</sup> <http://dcmsme.gov.in/dips/Revised%20DIPS-North%20Goa.pdf>

<sup>89</sup> De Souza, T. R. (Ed.). (1990). Goa through the ages: An economic history (Vol. 2). Concept Publishing Company.

|             |                                                                                |     |     |     |      |     |      |      |                                                                                                                                                                                                                                                                                                                                  |
|-------------|--------------------------------------------------------------------------------|-----|-----|-----|------|-----|------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | T3: Other wholesale trade,                                                     | 234 | 161 | 89  | 1292 | 323 | 1453 | 1776 | <ul style="list-style-type: none"> <li>Regional and activity specific diversities exist in the margins incurred by small and informal wholesale trade entrepreneurs</li> </ul>                                                                                                                                                   |
|             | <b>Services</b>                                                                |     |     |     |      |     |      |      |                                                                                                                                                                                                                                                                                                                                  |
|             | S14: Human Health and Social work,                                             | 44  | 114 | 530 | 935  | 574 | 1049 | 1623 | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> <li>Offering a range of healthcare and wellness services is a growing trend</li> </ul> |
|             | S1: Accommodation,                                                             | 0   | 32  | 284 | 596  | 284 | 628  | 912  | <ul style="list-style-type: none"> <li>Hotels, Homestays and Bread and Breakfasts are one of the most critical business activities in Goa which is a state that is highly dependent on tourist activity for its economy</li> </ul>                                                                                               |
|             | S6: Support activities for transportation, postal and courier activities,      | 0   | 0   | 0   | 11   | 0   | 11   | 11   | <ul style="list-style-type: none"> <li>Momugao is an important port in Goa. Logistics movement, tourist activities and allied activities attract great potential for this sub-sector</li> </ul>                                                                                                                                  |
| Lakshadweep | <b>Manufacturing</b>                                                           |     |     |     |      |     |      |      |                                                                                                                                                                                                                                                                                                                                  |
|             | M25: Repair and installation of machinery and equipment,                       | 0   | 0   | 0   | 6    | 0   | 6    | 6    | <ul style="list-style-type: none"> <li>The few repair and installation enterprises focus their work in the sewing and mechanical repairs sector</li> </ul>                                                                                                                                                                       |
|             | M17: Manufacture of fabricated metal products, except machinery and equipment, | 0   | 0   | 0   | 8    | 0   | 8    | 8    | <ul style="list-style-type: none"> <li>In Amini cluster in Lakshadweep, Coil twisting is an activity of this sub-sector</li> </ul>                                                                                                                                                                                               |
|             | M6: Manufacture of wearing apparel,                                            | 28  | 4   | 388 | 70   | 416 | 74   | 490  | <ul style="list-style-type: none"> <li>Units under this activity mostly focussed on manufacture of Wearing Apparel, Dressing and Dyeing of Fur<sup>90</sup></li> </ul>                                                                                                                                                           |

<sup>90</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_profile\\_16-17/lakshadweep%20profile\\_5816.pdf](http://dcmsme.gov.in/dips/state_wise_profile_16-17/lakshadweep%20profile_5816.pdf)

|        |                                                         |    |    |     |     |     |     |     |                                                                                                                                                                                                                                                                                                                                                  |
|--------|---------------------------------------------------------|----|----|-----|-----|-----|-----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | M23: Manufacture of furniture,                          | 0  | 0  | 66  | 34  | 66  | 34  | 100 | <ul style="list-style-type: none"> <li>QuickrBazaar in the furniture space is growing via franchise model in Lakshadweep<sup>91</sup></li> </ul>                                                                                                                                                                                                 |
|        | <b>Trade</b>                                            |    |    |     |     |     |     |     |                                                                                                                                                                                                                                                                                                                                                  |
|        | T3: Other wholesale trade,                              | 11 | 11 | 18  | 51  | 29  | 62  | 91  | <ul style="list-style-type: none"> <li>Most wholesale enterprises dependent on buyers and partners from Kerala</li> </ul>                                                                                                                                                                                                                        |
|        | T4: Other retail trade,                                 | 18 | 21 | 235 | 213 | 253 | 234 | 487 | <ul style="list-style-type: none"> <li>Low margins due to high cost of logistics except in the cases wherein the product/produce is local</li> </ul>                                                                                                                                                                                             |
|        | <b>Services</b>                                         |    |    |     |     |     |     |     |                                                                                                                                                                                                                                                                                                                                                  |
|        | S7: Information and Communication,                      | 0  | 7  | 0   | 18  | 0   | 25  | 25  | <ul style="list-style-type: none"> <li>Connectivity via Private Telecoms (such as Airtel)<sup>92</sup> and government SWAN networks has enabled business opportunities in the ICT sector for entrepreneurs in Lakshadweep</li> <li>ITeS is also growing in this U.T. <sup>93</sup></li> </ul>                                                    |
|        | S2: Food service activities,                            | 14 | 14 | 30  | 61  | 44  | 75  | 119 | <ul style="list-style-type: none"> <li>Most enterprises rely on serving locals and tourists food which is based around seafood (Tuna primarily) and Malabar cuisines<sup>94</sup></li> <li>India's highest per capita availability of fish, with highest number of fish catch in Minicoy further enables the enterprises in this U.T.</li> </ul> |
|        | S11: Professional, Scientific and Technical activities, | 1  | 0  | 58  | 11  | 59  | 11  | 70  | <ul style="list-style-type: none"> <li>Auto servicing is a critical technical activity whose demand is on the rise in the Lakshadweep islands</li> </ul>                                                                                                                                                                                         |
| Kerala | <b>Manufacturing</b>                                    |    |    |     |     |     |     |     |                                                                                                                                                                                                                                                                                                                                                  |

<sup>91</sup> <https://www.smergers.com/businesses/businesses-for-sale-and-investment-opportunities-in-lakshadweep/s0/c3103/t0/#>

<sup>92</sup> <https://telecom.economictimes.indiatimes.com/news/airtel-launches-4g-reaches-lakshadweep-islands/69838507>

<sup>93</sup> <https://www.investindia.gov.in/state/lakshadweep-islands>

<sup>94</sup> <https://www.travelguru.com/travelguide/beaches/lakshadweep-gourmet-feasts.shtml>



|  |                                                          |        |       |        |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                      |
|--|----------------------------------------------------------|--------|-------|--------|--------|--------|--------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | M12: Manufacture of chemicals and chemical products,     | 2006   | 86    | 1366   | 2105   | 3372   | 2191   | 5563   | <ul style="list-style-type: none"> <li>Abundant and distinct flora of state serves as potent raw material for extraction and processing of natural/plant based chemicals and chemical products such as essentials oils</li> </ul>                                                                                                                                                    |
|  | M3: Manufacture of beverages,                            | 690    | 1103  | 1253   | 817    | 1943   | 1920   | 3863   | <ul style="list-style-type: none"> <li>Mostly focussed on tea, coffee and liquor based beverage businesses (formal as well as informal)</li> </ul>                                                                                                                                                                                                                                   |
|  | M10: Printing and reproduction of recorded media,        | 876    | 1606  | 1676   | 4548   | 2552   | 6154   | 8706   | <ul style="list-style-type: none"> <li>Short film and video entrepreneurs are emerging informal entrepreneurs in this state<sup>95</sup> in in this sub-sector</li> </ul>                                                                                                                                                                                                            |
|  | M15: Manufacture of other non-metallic mineral products, | 1270   | 3344  | 93     | 2573   | 1363   | 5917   | 7280   | <ul style="list-style-type: none"> <li>Mineral sand occurring between Neendakara and Kayamkulam Bar (the Chavara barrier beach and the eastern extension) over a length of 22 km with a width of 225 metres was one of the best in the world because of high titanium dioxide content in the mineral ilmenite. It is now the most important ore of titanium<sup>96</sup>.</li> </ul> |
|  | <b>Trade</b>                                             |        |       |        |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                      |
|  | T3: Other wholesale trade,                               | 11204  | 7056  | 19418  | 23029  | 30622  | 30085  | 60707  | <ul style="list-style-type: none"> <li>Regional and activity specific diversities exist in the margins incurred by small and informal wholesale trade entrepreneurs</li> </ul>                                                                                                                                                                                                       |
|  | T4: Other retail trade,                                  | 196088 | 72174 | 243173 | 111605 | 439261 | 183779 | 623040 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> </ul>                                                                                                                                                                  |
|  | <b>Services</b>                                          |        |       |        |        |        |        |        |                                                                                                                                                                                                                                                                                                                                                                                      |

<sup>95</sup> <https://idsffk.in/>

<sup>96</sup> <https://www.thehindubusinessline.com/news/keralas-untapped-wealth-of-strategic-minerals/article23029205.ece>

|            |                                    |       |       |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------|------------------------------------|-------|-------|-------|-------|-------|-------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | S14: Human Health and Social work, | 4496  | 5248  | 12315 | 11121 | 16811 | 16369 | 33180 | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> <li>Offering a range of healthcare and wellness services is a growing trend</li> </ul>                                                                                                                                                                                                                                                 |
|            | S1: Accommodation,                 | 229   | 4305  | 762   | 4678  | 991   | 8983  | 9974  | <ul style="list-style-type: none"> <li>Home stay is one of the many innovative practices of Kerala that has attracted attention and acceptance of both policy makers and the tourists at larger scale.</li> <li>Homestay units fulfilling all the essential conditions prescribed by the Department of Tourism and meeting the required criteria in the Checklist of Facilities, belonging to the Class A category are given Diamond House status, Class B category are awarded Gold House status and Class C category are accorded Silver House status.<sup>97</sup></li> </ul> |
|            | S13: Education,                    | 14185 | 10422 | 33935 | 15192 | 48120 | 25614 | 73734 | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> <li>Edtech is a growing activity in the informal subsector of education in Kerala<sup>98</sup></li> </ul>                                                                                                                                  |
| Tamil Nadu | <b>Manufacturing</b>               |       |       |       |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

<sup>97</sup> <http://homestaykerala.org/home-stay/>

<sup>98</sup> <https://timesofindia.indiatimes.com/city/kochi/edtech-platforms-in-kerala-ride-the-wave-of-disruption/articleshow/75971092.cms>

|  |                                                                                |       |      |       |       |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--|--------------------------------------------------------------------------------|-------|------|-------|-------|-------|-------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | M19: Manufacture of electrical equipment,                                      | 0     | 49   | 424   | 1691  | 424   | 1740  | 2164   | <ul style="list-style-type: none"> <li>This includes Renewable energy equipment, Electrical appliances, Electric vehicle spares and other Electrical goods produced in the state<sup>99</sup>.</li> </ul>                                                                                                                                                                                                                                                                                                                                                             |
|  | M21: Manufacture of motor vehicles, trailers and semi-trailers,                | 353   | 362  | 1406  | 6512  | 1759  | 6874  | 8633   | <ul style="list-style-type: none"> <li>Tamil Nadu is one of India's leading manufacturing states, and is home to one of the top auto clusters in the nation. Tamil Nadu is home to six foreign OEM's, two domestic OEM's, and over 100 local suppliers<sup>100</sup>.</li> </ul>                                                                                                                                                                                                                                                                                      |
|  | M20: Manufacture of machinery and equipment n.e.c.,                            | 0     | 174  | 377   | 3244  | 377   | 3418  | 3795   | <ul style="list-style-type: none"> <li>Coimbatore, Chennai, Tirupur, Kanchipuram are the major centres for this sub-sector<sup>101</sup></li> <li>Tamil Nadu government has come out with a fresh package of incentives to promote manufacturing medical equipment<sup>102</sup></li> <li>The Micro, Small and Medium manufacturing enterprises anywhere in the State, which purchase Generator sets up to 320 KVA capacity are eligible for a Generator Subsidy at 25% of the cost of the generator set, subject to a maximum of Rs.5 lakh.<sup>103</sup></li> </ul> |
|  | M17: Manufacture of fabricated metal products, except machinery and equipment, | 1302  | 5949 | 17697 | 36859 | 18999 | 42808 | 61807  | <ul style="list-style-type: none"> <li>An increase in infrastructure projects pulls up the demands for these fabricated products in the region</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                             |
|  | <b>Trade</b>                                                                   |       |      |       |       |       |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|  | T3: Other wholesale trade,                                                     | 10587 | 4666 | 70758 | 48048 | 81345 | 52714 | 134059 | <ul style="list-style-type: none"> <li>Regional and activity specific diversities exist in the margins incurred by small</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                   |

<sup>99</sup> <https://www.investingintamilnadu.com/focus-sectors/renewable-energy/>

<sup>100</sup> <https://www.isc.hbs.edu/resources/courses/moc-course-at-harvard/Documents/pdf/student-projects/MOC%20Tamil%20Nadu%20Auto%20Cluster%20Final.pdf>

<sup>101</sup> [https://www.dnb.com/business-directory/company-information.machinery-manufacturing.in.tamil\\_nadu.html](https://www.dnb.com/business-directory/company-information.machinery-manufacturing.in.tamil_nadu.html)

<sup>102</sup> <https://www.thehindubusinessline.com/news/national/tn-provides-more-sops-for-equipment-drugs-manufacturing/article31239577.ece>

<sup>103</sup> <http://www.indcom.tn.gov.in/msme.html>

|  |                                    |        |       |        |        |         |        |         |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--|------------------------------------|--------|-------|--------|--------|---------|--------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                    |        |       |        |        |         |        |         | and informal wholesale trade entrepreneurs                                                                                                                                                                                                                                                                                                                                                                                         |
|  | T4: Other retail trade,            | 375307 | 30801 | 626047 | 197650 | 1001354 | 228451 | 1229805 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> </ul>                                                                                                                                                                                                                |
|  | <b>Services</b>                    |        |       |        |        |         |        |         |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|  | S13: Education,                    | 9377   | 3970  | 30212  | 33124  | 39589   | 37094  | 76683   | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul>                                                                                        |
|  | S14: Human Health and Social work, | 1651   | 2531  | 14442  | 27187  | 16093   | 29718  | 45811   | <ul style="list-style-type: none"> <li>This sector mostly encompasses services delivered via hospitals, pharmaceuticals and pharmacies, diagnostics, medical equipment and supplies, medical insurance, telemedicine and social work</li> <li>Offering a range of healthcare and wellness services is a growing trend</li> </ul>                                                                                                   |
|  | S1: Accommodation,                 | 0      | 350   | 0      | 5396   | 0       | 5746   | 5746    | <ul style="list-style-type: none"> <li>Tamil Nadu is being promoted as an enchanting destination for holidaying in southern India and tourism is a major contributor to the State's economy. More than 25 million domestic tourists and 1.8 million foreign tourists visit the State every year.</li> <li>"Bed and Breakfast" (Home stay) scheme is formulated to encourage the locals to participate in the scheme and</li> </ul> |

|            |                                                                                |     |     |      |      |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------|--------------------------------------------------------------------------------|-----|-----|------|------|------|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            |                                                                                |     |     |      |      |      |      |      | also increasing the room capacity in the State. <sup>104</sup>                                                                                                                                                                                                                                                                                                                                                                                                               |
| Puducherry | <b>Manufacturing</b>                                                           |     |     |      |      |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|            | M2: Manufacture of food products,                                              | 664 | 318 | 1204 | 1240 | 1868 | 1558 | 3426 | <ul style="list-style-type: none"> <li>Food processing small enterprises are on the rise in Puducherry with products such as Vermicelli, Shrimp based products etc.<sup>105</sup></li> </ul>                                                                                                                                                                                                                                                                                 |
|            | M14: Manufacture of rubber and plastics products,                              | 33  | 14  | 72   | 178  | 105  | 192  | 297  | <ul style="list-style-type: none"> <li>Rubber, plastic and allied petroleum derivate products such as industrial linings etc are prominent in the region</li> <li>Puducherry also has a plastic cluster</li> </ul>                                                                                                                                                                                                                                                           |
|            | M17: Manufacture of fabricated metal products, except machinery and equipment, | 65  | 110 | 26   | 737  | 91   | 847  | 938  | <ul style="list-style-type: none"> <li>Metal fabrication is the creation of metal structures by cutting, bending, and assembling. As with other manufacturing processes, both human labour and automation are commonly used. A fabricated product may be called a fabrication, and shops specializing in this type of work are called fab shops.</li> <li>An increase in infrastructure projects pulls up the demands for these fabricated products in the region</li> </ul> |
|            | M21: Manufacture of motor vehicles, trailers and semi-trailers,                | 0   | 0   | 8    | 0    | 8    | 0    | 8    | <ul style="list-style-type: none"> <li>Manufacture of eRikshaws<sup>106</sup> and plans of setting up plants by international automotive leaders such as Laureti Automotive<sup>107</sup> makes this an emerging sector</li> </ul>                                                                                                                                                                                                                                           |
|            | <b>Trade</b>                                                                   |     |     |      |      |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|            | T3: Other wholesale trade,                                                     | 33  | 11  | 12   | 631  | 45   | 642  | 687  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

<sup>104</sup> <http://tamilnadutourism.org/Hotels/TTDCHotels/BBintroduction.aspx>

<sup>105</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_profile\\_16-17/DIP.UT%20OF%20PUDUCHERRY.2015.16.pdf](http://dcmsme.gov.in/dips/state_wise_profile_16-17/DIP.UT%20OF%20PUDUCHERRY.2015.16.pdf)

<sup>106</sup> <http://skyrideerickshaw.com/puducherry/index.html>

<sup>107</sup> <https://www.news18.com/news/india/laureti-automotive-corporation-keen-to-make-electric-suvs-in-puducherry-minister-2030001.html>

|                             |                                                          |      |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------|----------------------------------------------------------|------|------|-------|------|-------|------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | T4: Other retail trade,                                  | 5166 | 1357 | 16017 | 5740 | 21183 | 7097 | 28280 | <ul style="list-style-type: none"> <li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li> </ul>                                                                                                                         |
|                             | <b>Services</b>                                          |      |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                             |
|                             | S13: Education,                                          | 454  | 122  | 2510  | 1099 | 2964  | 1221 | 4185  | <ul style="list-style-type: none"> <li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching classes, vocational training centres and educational content creators in the informal setup</li> </ul> |
|                             | S11: Professional, Scientific and Technical activities,  | 77   | 48   | 4912  | 3575 | 4989  | 3623 | 8612  | <ul style="list-style-type: none"> <li>A flourishing scientific and higher education ecosystem propels the growth in enterprises in this sector<sup>108</sup></li> <li>Focus on integrated science based activities is on the growth in the region<sup>109</sup></li> </ul>                                                                 |
|                             | S3: Land transport,                                      | 65   | 116  | 6135  | 823  | 6200  | 939  | 7139  | <ul style="list-style-type: none"> <li>Being a tourist destination demand for local drivers, local land transport and aggregators is abundant</li> </ul>                                                                                                                                                                                    |
| Andaman and Nicobar Islands | <b>Manufacturing</b>                                     |      |      |       |      |       |      |       |                                                                                                                                                                                                                                                                                                                                             |
|                             | M15: Manufacture of other non-metallic mineral products, | 16   | 20   | 0     | 7    | 16    | 27   | 43    | <ul style="list-style-type: none"> <li>Major non-metallic minerals found and used for non-metallic mineral products include clay, gypsum and limestone<sup>110</sup></li> </ul>                                                                                                                                                             |
|                             | M10: Printing and reproduction of recorded media,        | 0    | 0    | 8     | 33   | 8     | 33   | 41    | <ul style="list-style-type: none"> <li>General print papers such as the Telegraph and Andaman Chronicle and other special print media enterprises are on the rise</li> </ul>                                                                                                                                                                |

<sup>108</sup> [https://en.wikipedia.org/wiki/List\\_of\\_educational\\_institutions\\_in\\_Puducherry](https://en.wikipedia.org/wiki/List_of_educational_institutions_in_Puducherry)

<sup>109</sup> <https://www.azimpremjifoundationpuducherry.org/teacher-reflections/concept-note-%E2%80%99Cintegrated-science-activity-based-teaching>

<sup>110</sup> <http://dcmsme.gov.in/dips/A%20&%20N%20Islands.pdf>

|                                |      |     |      |     |      |      |      |                                                                                                                                                                                                                                                                                                                         |
|--------------------------------|------|-----|------|-----|------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                |      |     |      |     |      |      |      | <ul style="list-style-type: none"><li>Internet connectivity is a major factor for increase in this growth</li></ul>                                                                                                                                                                                                     |
| M24: Other manufacturing,      | 9    | 16  | 2    | 28  | 11   | 44   | 55   | <ul style="list-style-type: none"><li>Wooden Toys manufacturing businesses are growing in middle Andaman</li></ul>                                                                                                                                                                                                      |
| M23: Manufacture of furniture, | 210  | 53  | 0    | 28  | 210  | 81   | 291  | <ul style="list-style-type: none"><li>High quality wood from two government owned wood mills (one in Port Blair and other in Betapur<sup>111</sup>) serve as raw material for the units operating in this sector</li><li>Bamboo furniture is also manufactured in abundance</li></ul>                                   |
| Trade                          |      |     |      |     |      |      |      |                                                                                                                                                                                                                                                                                                                         |
| T3: Other wholesale trade,     | 90   | 0   | 172  | 439 | 262  | 439  | 701  | <ul style="list-style-type: none"><li>Most units focus on wholesale of FMCG goods, consumables and consumer electronics<sup>112</sup></li></ul>                                                                                                                                                                         |
| T4: Other retail trade,        | 2515 | 299 | 2767 | 851 | 5282 | 1150 | 6432 | <ul style="list-style-type: none"><li>Organized retailing business is on the growth in the state and informal retail units, due to GST and allied platform requirements, are considering formalizations</li><li>Margins low in places with low habitation except for products that have been locally produced</li></ul> |
| Services                       |      |     |      |     |      |      |      |                                                                                                                                                                                                                                                                                                                         |
| S1: Accommodation,             | 2    | 66  | 0    | 84  | 2    | 150  | 152  | <ul style="list-style-type: none"><li>Being a tourist destination, the small enterprises around homestays and hotels are emerging in the islands</li></ul>                                                                                                                                                              |
| S13: Education,                | 427  | 18  | 848  | 312 | 1275 | 330  | 1605 | <ul style="list-style-type: none"><li>This sector mostly encompasses services provided by entrepreneurs in via enterprises such as schools (formal setup), higher educational institutions (formal setup) and pre-schools, coaching</li></ul>                                                                           |

<sup>111</sup> [https://www.andaman.org.in/industrialization\\_andaman\\_nicobar.php](https://www.andaman.org.in/industrialization_andaman_nicobar.php)

<sup>112</sup> [http://mospi.nic.in/sites/default/files/6ec\\_dirEst/ec6\\_Andaman%20&N%20Islands.pdf](http://mospi.nic.in/sites/default/files/6ec_dirEst/ec6_Andaman%20&N%20Islands.pdf)

|  |                              |     |     |     |     |     |     |     |                                                                                                                                                                                           |
|--|------------------------------|-----|-----|-----|-----|-----|-----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                              |     |     |     |     |     |     |     | classes, vocational training centres and educational content creators in the informal setup                                                                                               |
|  | S2: Food service activities, | 120 | 128 | 255 | 306 | 375 | 434 | 809 | <ul style="list-style-type: none"><li>Food and food based services are good areas for enterprises and investments in Andaman owing to the fact that it is a tourist destination</li></ul> |



### ANNEXURE 3

| STATE NAME & EXISTING STATE LEVEL ENTREPRENEURSHIP EFFORTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SUGGESTED PRIORITY SECTOR/SUBSECTOR                                                  | KEY STAKEHOLDERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | INITIATIVES RECOMMENDED                                                                                                                          | SKILLS THAT CAN BE TARGETTED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>ANDHRA PRADESH</b></p> <p>Andhra Pradesh (AP) had to increase its efforts to help the startups after the IT hub, Hyderabad became part of Telangana. Policies such as state's Innovation and Startup Policy 2014-2020 and Andhra Pradesh Innovation Society<sup>113</sup> are helping in these endeavours<sup>114</sup></p> <p>Incubators And Accelerators</p> <ul style="list-style-type: none"> <li>• SAI or Startup Accelerator India</li> <li>• Xlr8AP is a technology business accelerator powered by the Federation of Indian Chambers of Commerce and Industry (FICCI) and IC2 Institute of The University of Texas at Austin</li> <li>• Gastrotape is a joint venture of Mistletoe,</li> </ul> | <p><b>Manufacturing</b></p> <p>M14: Manufacture of rubber and plastics products,</p> | <ul style="list-style-type: none"> <li>• Andhra Pradesh Economic Development Board helping in international tie-ups for the rubber sector in Andhra Pradesh<sup>115</sup></li> <li>• Andhra Pradesh, Rubber Skill Development Council (RSDC)</li> <li>• Andhra Pradesh State Skill Development Corporation (APSSDC)</li> <li>• Rubber Board, Ministry of Commerce and Industry, Govt. of India<sup>116</sup></li> <li>• Integrated Tribal Development Agencies (ITDA) and MGNREGS for Rubber based jobs and enterprises in Tribal areas of Andhra Pradesh<sup>117</sup></li> <li>• Special Central Assistance (SCA) to Scheduled Castes SubPlan for Land based activities such as Rubber<sup>118</sup></li> </ul> | <ul style="list-style-type: none"> <li>• Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul> | <ul style="list-style-type: none"> <li>• Manufacture of rubber tyres and tubes for motor vehicles, motorcycles, scooters, three-wheelers, tractors and aircraft</li> <li>• Manufacture of rubber tyres and tubes for cycles and cycle-rickshaws</li> <li>• Retreading of tyres; replacing or rebuilding of tread on used pneumatic tyres</li> <li>• Manufacture of rubber plates, sheets, strips, rods, tubes, pipes, hoses and profile -shapes etc.</li> <li>• Manufacture of rubber conveyors or transmission belts or belting</li> <li>• Manufacture of rubber contraceptives</li> <li>• Manufacture of rubber balloons</li> <li>• Manufacture of semi-finished plastic products (plastic plates, sheets, blocks, film, foil, strip etc.)</li> <li>• Manufacture of tableware, kitchenware and other household articles and toilet articles of plastic, including manufacture of</li> </ul> |

<sup>113</sup> <http://www.apinnovationsociety.com/about.php>

<sup>114</sup> <https://inc42.com/features/meet-the-support-system-and-enablers-backing-the-rise-of-startups-in-andhra-pradesh/>

<sup>115</sup> <http://apedb.gov.in/news-ap-tatarstan-russia-step-up-economic-ties.html>

<sup>116</sup> <http://www.rbegp.in/RUBI/LicensingReportsInIndex.do?licensetypepk=1&statepk=0&districtpk=0>

<sup>117</sup> Pg 223, <https://www.apfinance.gov.in/downloads/SocioEconomicSurvey2018-19.pdf>

<sup>118</sup> Pg 36, [http://nirdpr.org.in/nird\\_docs/sagy/ap.pdf](http://nirdpr.org.in/nird_docs/sagy/ap.pdf)

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| <p>GSF India and Infobridge</p> <ul style="list-style-type: none"> <li>• STPI or Software Technology Parks of India in Vizag</li> <li>• AMTZ or Andhra Pradesh Medtech Zone</li> <li>• The Atal Incubation Centre in SKU (Sri Krishnadevaraya University)</li> <li>• NASSCOM 10K warehouse initiative</li> </ul> <p>Coworking Spaces</p> <p>From the coworking community in the state are names such as:</p> <ul style="list-style-type: none"> <li>• My First Office</li> <li>• Sunrise Incubation Hub</li> </ul> <p>Investors And Mentors</p> <p>Among the most prominent names in these organisations such as:</p> <ul style="list-style-type: none"> <li>• IT Association of Andhra Pradesh</li> <li>• Alcove Partners</li> <li>• TiE Amaravati</li> </ul> |                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                    | <p>vacuum flasks and other vacuum vessels</p> <ul style="list-style-type: none"> <li>• Manufacture of plastic articles for the packing of goods (plastic bags, sacks, containers, boxes, cases, carboys, bottles etc.)</li> <li>• Manufacture of bathing tubs, wash-basins, lavatory pans and covers, flushing cisterns and similar sanitary-ware of plastics</li> <li>• Manufacture of travel goods of plastics (suitcase, vanity bags, holdalls and similar articles)</li> <li>• Manufacture of spectacle frames of plastic</li> <li>• Manufacture of moulded industrial accessories of plastics</li> <li>• Manufacture of polymer/ synthetic / PVC water storage tanks</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>M15: Manufacture of other non-metallic mineral products,</p> | <ul style="list-style-type: none"> <li>• The Kurnool District Chamber of Commerce and Industry</li> <li>• Slab Polishing Industries Association</li> <li>• The Lime Burners Association</li> <li>• The Mosaic Chips Industries Association</li> <li>• The Granite Units Association<sup>119</sup></li> <li>• Andhra Pradesh Industrial Infrastructure Corporation Ltd also known as APIIC for land and industrial sheds</li> <li>• Andhra Pradesh State Financial Corporation [APSFC] and Commercial Banks for financial assistance</li> </ul> | <ul style="list-style-type: none"> <li>• Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>• Dedicated point of contacts for quality checks and environment impact mitigation</li> <li>• Knowledge augmentation about product diversification</li> <li>• Exploration of Export opportunities</li> </ul> | <ul style="list-style-type: none"> <li>• Manufacture of glass and glass products</li> <li>• Manufacture of refractory products</li> <li>• Manufacture of clay building materials</li> <li>• Manufacture of other porcelain and ceramic products</li> <li>• Manufacture of cement, lime and plaster</li> <li>• Manufacture of articles of concrete, cement and plaster</li> <li>• Cutting, shaping and finishing of stone</li> <li>• Manufacture of other non-metallic mineral products</li> </ul>                                                                                                                                                                                    |

<sup>119</sup> <http://dcmsme.gov.in/dips/Kurnool%20dip%20%20amended%20march.pdf>

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|--|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                             | <ul style="list-style-type: none"> <li>• NSIC, Hyderabad for plant machinery under hire purchase</li> </ul>                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|  | M24: Other manufacturing,<br><sup>120</sup> | <ul style="list-style-type: none"> <li>• Ornament Artificers Association</li> <li>• Andhra Pradesh Trade Promotion Corporation Limited</li> </ul> | <ul style="list-style-type: none"> <li>• Development of competitive market orientation of micro sized cluster units vis-a-vis large retailers who are eating into margins of micro-sized players<sup>121</sup>.</li> <li>• A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value recognition</li> </ul>                                                                                                                  | <ul style="list-style-type: none"> <li>• Welding</li> <li>• Cutting</li> <li>• Machining</li> <li>• Tool Operation</li> </ul>                                                                                                                                                                                                                                                                                                           |
|  | M5: Manufacture of textiles,                | <ul style="list-style-type: none"> <li>• Andhra Pradesh Trade Promotion Corporation Limited</li> </ul>                                            | <ul style="list-style-type: none"> <li>• Govt. policy push can focus on the textile Clusters, FDI, IPDS and similar schemes, welfare schemes for weavers<sup>122</sup></li> <li>• Enabling firms to move into value-added products; improvement in design and product quality.</li> <li>• Reducing lead time in product making by entering into logistics partnerships</li> <li>• A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented</li> </ul> | <ul style="list-style-type: none"> <li>• Preparation and spinning of textile fibres</li> <li>• Weaving of textiles</li> <li>• Finishing of textiles</li> <li>• Manufacture of knitted and crocheted fabrics</li> <li>• Manufacture of made-up textile articles, except apparel</li> <li>• Manufacture of carpets and rug</li> <li>• Manufacture of cordage, rope, twine and netting</li> <li>• Manufacture of other textiles</li> </ul> |

<sup>120</sup> Other Manufacturing, as per RBI, is a combination of “manufacture of medical, precision & optical instruments” and “manufacturing n.e.c (which further includes Manufacturing of jewelry and related articles, Manufacture of musical instruments, Manufacture of sports goods, Manufacture of games and toys and other manufacturing, etc.)”  
<https://m.rbi.org.in/Scripts/PublicationReportDetails.aspx?UrlPage=&ID=881> and [http://www.sspa.in/resources/Utilities/NIC/National\\_Industries\\_of\\_Classification/Division-36\\_Section-36D.aspx](http://www.sspa.in/resources/Utilities/NIC/National_Industries_of_Classification/Division-36_Section-36D.aspx)

<sup>121</sup> [http://www.dcsmc.gov.in/schemes/agenda\\_of\\_38thSCM.pdf](http://www.dcsmc.gov.in/schemes/agenda_of_38thSCM.pdf)

<sup>122</sup> [https://crda.ap.gov.in/APCRDADOCS/DETAILED\\_DRAFTPLAN/Chapter%204%20-%20Dimensions%20of%20Growth.pdf](https://crda.ap.gov.in/APCRDADOCS/DETAILED_DRAFTPLAN/Chapter%204%20-%20Dimensions%20of%20Growth.pdf)

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|--|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                                          |                                                                                                                                                                    | business growth and value recognition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                      |
|  | <b>Trade</b>                                             |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                      |
|  | T1: Trade and repair of motor vehicles and motor cycles, | <ul style="list-style-type: none"> <li>ITIs in A.P.</li> <li>APSSDC by GoA.P.<sup>123</sup></li> <li>Automotive Suppliers' Manufacturing Centers (ASMC)</li> </ul> | <ul style="list-style-type: none"> <li>Facilitation of collaboration of auto repair entrepreneurs with aggregation platforms such as CarMechanic and others</li> <li>A push for motor repair certifications can lead to quality and competitiveness augmentation of this sub sector in A.P.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>Engine overhaul &amp; servicing</li> <li>Tool operation</li> <li>Accounting</li> </ul>                        |
|  | T2: Activities of commission agents,                     | <ul style="list-style-type: none"> <li>Guntur Chilli Commission Agents Association</li> <li>Fruit Commission Agents Association, A.P.</li> </ul>                   | <ul style="list-style-type: none"> <li>Most agents depend on learning on the job and a structured training for commission agents is much required with a focus on economics and business of emerging two and multi-sided online platform. Specifically, training is required with a focus on quick thinking, good verbal communication, the ability to barter, strong interpersonal skills, networking ability and a basic understanding of math, economics, markets and related law<sup>124</sup>.</li> <li>Incentive should be given to commissions agents for directing the producer to authorized sources of finance and capital (to protect producers from informal and high cost debt)</li> <li>Availability of e-NAM (National Agriculture Market) based price discovery and other data to</li> </ul> | <ul style="list-style-type: none"> <li>Negotiation</li> <li>Communication</li> <li>Accounting</li> <li>Computer operation</li> <li>Ethics</li> </ul> |

<sup>123</sup> [https://www.apindustries.gov.in/VCIC/Data/PolicyDocuments/Andhra\\_Pradesh\\_Automobile\\_and\\_Auto\\_Components\\_Policy\\_2015\\_20.pdf](https://www.apindustries.gov.in/VCIC/Data/PolicyDocuments/Andhra_Pradesh_Automobile_and_Auto_Components_Policy_2015_20.pdf)

<sup>124</sup> [https://www.ijbmi.org/papers/Vol\(2\)12/Version-2/E021202033047.pdf](https://www.ijbmi.org/papers/Vol(2)12/Version-2/E021202033047.pdf)

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|  |                              |                                                                                                                                                                                                | commissions agents on a (near) real time basis <sup>125</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                               |
|  | <b>Services</b>              |                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                               |
|  | S13: Education,              | <ul style="list-style-type: none"> <li>• APSSDC</li> <li>• Private sector information technology firms such as Google<sup>126</sup> helping states in augmenting education delivery</li> </ul> | <ul style="list-style-type: none"> <li>• Joint Ventures between</li> <li>• PPP Promotion especially in the vocational and testing (academic domain) using virtual presence and immutability technologies such as blockchain – with the help of private technology MNSs or NIC/CDAC</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>• Primary education,</li> <li>• Technical and vocational secondary education,</li> <li>• Other education (n.e.c.),</li> <li>• Educational support services</li> </ul>                  |
|  | S2: Food service activities, | <ul style="list-style-type: none"> <li>• Food Delivery Portals</li> <li>• A.P. Foods</li> <li>• APFPS – Andhra Pradesh Food Processing Society</li> </ul>                                      | <ul style="list-style-type: none"> <li>• Collaboration with Catering institutes for innovation in food services for domestic and export consumption</li> <li>• Collaboration with food services specific platforms for augmenting reach of business development and also for sourcing of raw materials</li> <li>• In December 2019, Food Safety and Standards Authority of India (FSSAI) launched new ‘Hygiene Rating Scheme’, a user driven and technology-enabled scheme applicable to food businesses supplying food directly to consumers, either on or off the premise. Entrepreneurs need to be made aware of these policies so that they can function effectively and competitively<sup>127</sup></li> <li>• Dedicated resources at low cost to food entrepreneurs in the Food parks established under IFP</li> </ul> | <ul style="list-style-type: none"> <li>• Reading &amp; Writing Skills,</li> <li>• Basic Maths,</li> <li>• Hygienic Food Preparation (Cafeterias, fast-food restaurant and other food preparation in market stalls)</li> </ul> |

<sup>125</sup> <http://market.ap.nic.in/emarketing.html>

<sup>126</sup> <http://apvision.ap.gov.in/Transforming-Education.php>

<sup>127</sup> <https://www.ibef.org/download/Healthcare-April-2020.pdf>

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|                                                                                                                                                                                                          |                                                      |                                                                                                                                                                                                                                                                   | (Integrated food park) and Mega food park schemes under APFPS POLICY 2015-20 <sup>128</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                          | S14: Human Health and Social work,                   | <ul style="list-style-type: none"> <li>Accredited Social Health Activists (ASHA)</li> </ul>                                                                                                                                                                       | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul>                                                   |
| <b>JAMMU &amp; KASHMIR</b><br><br>To nurture and inspire the young and entrepreneurial brains of Jammu and Kashmir to pursue innovation and entrepreneurship by creating a vibrant and conducive Startup | <b>Manufacturing</b>                                 |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                          | M12: Manufacture of chemicals and chemical products, | <ul style="list-style-type: none"> <li>District Industries Centre, Jammu</li> <li>SIDCO (For land and industrial sheds) - J&amp;K State Industrial Development Corporation Limited</li> <li>SICOP (For raw materials) - J&amp;K Small Scale Industries</li> </ul> | <ul style="list-style-type: none"> <li>Organic/Natural chemicals have a growing demand in national and international market.</li> <li>Government can help and educate Chemical and chemical based companies in the region to innovate and venture into</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>Manufacture of basic chemicals</li> <li>Manufacture of fertilizers and nitrogen compounds</li> <li>Manufacture of plastics and synthetic rubber in primary form</li> <li>Manufacture of pesticides and other agrochemical products</li> </ul> |

<sup>128</sup> <https://www.apfps.com/ap-food-processing-policy/>

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| <p>ecosystem in the State J&amp;K Startup Policy 2018 was formulated<sup>129</sup>.</p> <p>The Jammu and Kashmir Entrepreneurship Development Institute (JKEDI) has been established by the Government of Jammu and Kashmir effectively enable entrepreneurship development in the state. The institute started its regular activities from February 2004 and has positioned itself as a learning centre par excellence with state of the art regional centers across Jammu, Kashmir and Ladakh. Besides, JKEDI Community Organisers are in all of the 22 districts enabling entrepreneurship and promoting development at the grassroots<sup>130</sup>.</p> <p>Seed Capital Fund Scheme of state government, as part of Sher-e-Kashmir Employment and Welfare Programme for the Youth (SKEWPY), is also an important pillar of entrepreneurship promotion in the state<sup>131</sup>.</p> |                                           | <p>Development Corporation Limited</p> <ul style="list-style-type: none"> <li>J&amp;K Bank</li> </ul>                                        | <p>products such as nutraceuticals (Nutraceuticals refer to products that are derived from herbal products, minerals, vitamins and dietary substances which are consumed for their physiological benefits or to boost immunity against diseases)<sup>133</sup>. For example: Scrophulariaceae (Figwort Family) is abundant in J and K and can be used to derive chemicals which help in neurodegenerative and cardiovascular ailments<sup>134</sup>. Government can collaborate with Sher-e-Kashmir University of Agricultural Sciences and Technology of Jammu for the same.</p> | <ul style="list-style-type: none"> <li>Manufacture of paints, varnishes and similar coatings, printing inks and mastics</li> <li>Manufacture of soap and detergents, cleaning and polishing preparations, perfume and toilet preparations</li> <li>Manufacture of man-made fibres</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | M19: Manufacture of electrical equipment, | <ul style="list-style-type: none"> <li>BIS Chandigarh</li> <li>JKPDD</li> <li>Ladakh Renewable Energy Development Agency</li> </ul>          | <ul style="list-style-type: none"> <li>Electrical equipment that is consumed for renewable energy generation, storage and transmission has a huge potential in J&amp;K since transportation of conventional fuels in these terrains is expensive and water and solar resources are in abundance<sup>135</sup></li> </ul>                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>Re-winding</li> <li>Rigging</li> <li>Welding</li> <li>Machining</li> <li>Lathe working</li> </ul>                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | M15: Manufacture of other non-metallic    | <ul style="list-style-type: none"> <li>J&amp;K Consultancy Organization</li> <li>EDI, Jawar Udyog Bhavan Rail Head Complex, Jammu</li> </ul> | <ul style="list-style-type: none"> <li>Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>Manufacture of glass and glass products</li> <li>Manufacture of refractory products</li> </ul>                                                                                                                                                        |

<sup>129</sup> [https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/state\\_startup\\_policies/J&K%20policy2018\(1\).pdf](https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/state_startup_policies/J&K%20policy2018(1).pdf)

<sup>130</sup> <http://jkedi.org/>

<sup>131</sup> <http://jkedi.org/seed-capital.aspx>

<sup>133</sup> <https://www.investindia.gov.in/team-india-blogs/growing-nutraceuticals-market-india>

<sup>134</sup> <https://jkmpic.blogspot.com/2013/09/digitalis-purpurea-foxglove-seeds-for.html>

<sup>135</sup> <https://www.electricalindia.in/renewable-power-scenario-in-jammu-kashmir/>

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| <p>Youth Startup Loan Scheme (YSLS) is yet another credit scheme by state government for young entrepreneurs<sup>132</sup>.</p> | <p>mineral products,</p>                 | <ul style="list-style-type: none"> <li>Jammu &amp; Kashmir Cements Ltd, a State Government undertaking<sup>136</sup></li> </ul>                                                     | <ul style="list-style-type: none"> <li>Dedicated point of contacts for quality checks and environment impact mitigation</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>Manufacture of clay building materials</li> <li>Manufacture of other porcelain and ceramic products</li> <li>Manufacture of cement, lime and plaster</li> <li>Manufacture of articles of concrete, cement and plaster</li> <li>Cutting, shaping and finishing of stone</li> <li>Manufacture of other non-metallic mineral products</li> </ul>                                                                                                                    |
|                                                                                                                                 | <p>M2: Manufacture of food products,</p> | <ul style="list-style-type: none"> <li>All Kashmir Wholesale Mutton Dealers Association</li> <li>Rice milling cluster, Jammu</li> <li>KVIB</li> <li>Kashmir Walnut Group</li> </ul> | <ul style="list-style-type: none"> <li>Augmentation of cold storage supply chain for transport in other parts of country is a major need</li> <li>Platform partner and market connect required for the following activities that are abundant in state: <ul style="list-style-type: none"> <li>Sauces;</li> <li>Fruit Concentrate, fruit juices, fruit pulp;</li> <li>Jams, Jellies, Vegetable Juices, Puree, pickles etc;</li> <li>Processing of fresh fruit, Fruit waxing, packing, grading;</li> <li>Spice grinding; and</li> <li>Pasteurization/Processing of milk and other dairy products.</li> <li>Tissue culture and Mushroom culture</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>Processing and preserving of meat</li> <li>Processing and preserving of fish, crustaceans and molluscs and products</li> <li>Processing and preserving of fruits and vegetables</li> <li>Manufacture of vegetable and animal oils and fats</li> <li>Manufacture of dairy products</li> <li>Manufacture of grain mill products, starches and starch products</li> <li>Manufacture of other food products</li> <li>Manufacture of prepared animal feeds</li> </ul> |

<sup>132</sup> <https://www.greaterkashmir.com/news/opinion/for-boosting-kashmir-economy-push-for-entrepreneurship-small-businesses-needed/>

<sup>136</sup> <https://ibm.gov.in/writereaddata/files/09232015122937Jammu%20and%20Kashmir.pdf>



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|  |                              |                                                                                                                              | <ul style="list-style-type: none"> <li>Processing and packaging of Mutton/Chicken<sup>137</sup>.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                   |
|  | <b>Trade</b>                 |                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |
|  | T4: Other retail trade,      | <ul style="list-style-type: none"> <li>Federation of Retailers Association, Jammu</li> </ul>                                 | <ul style="list-style-type: none"> <li>The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of J&amp;K State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                    |
|  | T3: Other wholesale trade,   | <ul style="list-style-type: none"> <li>Wholesale Cloth Merchants Association</li> </ul>                                      | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                    |
|  | <b>Services</b>              |                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |
|  | S10: Real estate activities, | <ul style="list-style-type: none"> <li>State Administrative Council (SAC)</li> <li>Online Real Estate Aggregators</li> </ul> | <ul style="list-style-type: none"> <li>Facilitation of real estate purchase/lease options by making credit available and the also ensuring its value generation capabilities by connecting the</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>Real estate activities with own leased property (includes buying selling, renting and operating self-owned or leased real estate providing of homes and furnish</li> </ul> |

<sup>137</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_profile\\_16-17/NEW%20SIP%20FOR%20PDF.pdf](http://dcmsme.gov.in/dips/state_wise_profile_16-17/NEW%20SIP%20FOR%20PDF.pdf)

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|                                                                                                                                                                                                     |                                              |                                                                                                                                      | entrepreneurs with platforms that aggregate homestays <sup>138</sup> and contract farming for end users                                                                                                                                                                                   | or unfurnished flats or apartments for more permanent use) <ul style="list-style-type: none"> <li>• Management of real estate on fee or contract basis, appraisal services for real estate, real estate escrow agents</li> <li>• Industry &amp; Local Area Knowledge,</li> <li>• Basic Maths &amp;</li> <li>• Property Valuation Understanding of Proper registration Process &amp; Proper Deeds</li> </ul> |
|                                                                                                                                                                                                     | S7:Information and Communication,            | <ul style="list-style-type: none"> <li>• Khidmat Centre Association</li> </ul>                                                       | <ul style="list-style-type: none"> <li>• Training of VLEs in ICT jobs – especially those jobs that require both synchronous (such as BPO) and asynchronous data/network connectivity (such as transcription and content creation)</li> </ul>                                              | <ul style="list-style-type: none"> <li>• News agency activities (news syndicate and news agency activities furnishing news pictures and features to the media),</li> <li>• Telephone based information services</li> </ul>                                                                                                                                                                                  |
|                                                                                                                                                                                                     | S13: Education,                              | <ul style="list-style-type: none"> <li>• Private School Association J&amp;K</li> <li>• Jammu Kashmir Startups Association</li> </ul> | <ul style="list-style-type: none"> <li>• Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost</li> </ul>                                                                                | <ul style="list-style-type: none"> <li>• Primary education,</li> <li>• Technical and vocational secondary education,</li> <li>• Other education (n.e.c.),</li> <li>• Educational support services</li> </ul>                                                                                                                                                                                                |
| <b>HIMACHAL PRADESH</b>                                                                                                                                                                             | <b>Manufacturing</b>                         |                                                                                                                                      |                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                             |
| As per the Chief Minister's Startup/Innovation/Projects/New Industries Scheme of Himachal Pradesh following incentives for promotion of entrepreneurship are in place in the state <sup>139</sup> : | M9: Manufacture of paper and paper products, | <ul style="list-style-type: none"> <li>• Himachal Pradesh Corrugated Box Manufacturers Association</li> </ul>                        | <ul style="list-style-type: none"> <li>• The current technology for addressing the waste of bark is limited. Skill development can be augmented in this sub-sector</li> <li>• 3D processing of wood to give it interlocking is also limited and can be augmented by skills and</li> </ul> | <ul style="list-style-type: none"> <li>• Manufacture of pulp, paper and paperboard</li> <li>• Manufacture of corrugated paper and paperboard and containers of paper and paperboard</li> <li>• Manufacture of other articles of paper and paperboard</li> </ul>                                                                                                                                             |

<sup>138</sup> <https://scroll.in/article/936374/real-estate-developers-are-wary-of-investing-in-j-k-businesses-cannot-grow-if-there-are-curfews>

<sup>139</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Himachal-Pradesh-state-policy.html>

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Concessional Land Rates</li> <li>• Concession in Stamp Duty</li> <li>• Feasibility Study Cost Subsidy</li> <li>• Concession in Consent Fee from H.P. Pollution Control Board</li> <li>• Interest Subvention</li> <li>• Purchase Preference by Govt. of H.P. &amp; PSUs</li> </ul> <p>Incubators in the state are present in:</p> <ul style="list-style-type: none"> <li>• CSIR-Institute of Himalayan Bioresource Technology</li> <li>• IIT Mandi</li> <li>• NIT, Hamirpur</li> <li>• Himachal Pradesh University</li> <li>• Dr YS Parmar University of Horticulture and Forestry</li> <li>• CSK Himachal Pradesh Agriculture University Palampur</li> <li>• HP Council for science technology and environment</li> <li>• Chitkara University, Himachal Pradesh</li> <li>• Career Point University</li> </ul> |                                              |                                                                                                                                                                                                                                                                               | capital provision to increase competitiveness of this sub-sector                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | M2:<br>Manufacture of food products,         | <ul style="list-style-type: none"> <li>• MOFPI (example Cremica Mega Food Park in Una, H.P.)</li> <li>• State Mission on Food Processing (SMFP). Government of Himachal Pradesh</li> <li>• HPMC (H.P. Horticulture Produce Marketing &amp; Processing Corporation)</li> </ul> | <ul style="list-style-type: none"> <li>• Facilitation by ministry with local and state bodies for adopting HACCP and ISO norms</li> <li>• Skills development in Food Safety</li> <li>• Credit facility for: <ul style="list-style-type: none"> <li>○ Mobile cooling trucks and reefer trucks as may be suitable for transport of food products</li> <li>○ Credit/Access to irradiation facilities for high quality in processed foods<sup>141</sup></li> </ul> </li> </ul>                                             | <ul style="list-style-type: none"> <li>• Processing and preserving of meat</li> <li>• Processing and preserving of fish, crustaceans and molluscs and products</li> <li>• Processing and preserving of fruits and vegetables</li> <li>• Manufacture of vegetable and animal oils and fats</li> <li>• Manufacture of dairy products</li> <li>• Manufacture of grain mill products, starches and starch products</li> <li>• Manufacture of other food products</li> <li>• Manufacture of prepared animal feeds</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | M19:<br>Manufacture of electrical equipment, | <ul style="list-style-type: none"> <li>• HPCCI Himachal Pradesh Chamber of Commerce and Industries</li> </ul>                                                                                                                                                                 | <ul style="list-style-type: none"> <li>• Promotion of entrepreneurs to further the existing and new franchises<sup>142</sup> of various electrical appliances and explore parts of electric vehicles (EVs) as a new business vista (including the business of batteries and spares for EVs)</li> <li>• Connecting with institutes such as IIT Mandi to pilot test and develop PoCs of innovative and indigenous electrical and energy products plus co-incubate the ideas jointly by HP government and MSDE</li> </ul> | <ul style="list-style-type: none"> <li>• Re-winding</li> <li>• Rigging</li> <li>• Welding</li> <li>• Machining</li> <li>• Lathe working</li> </ul>                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Trade</b>                                 |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

<sup>141</sup> [https://himachal.gov.in/WriteReadData/l892s/11\\_1892s/1441275455.pdf](https://himachal.gov.in/WriteReadData/l892s/11_1892s/1441275455.pdf)

<sup>142</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_profile\\_16-17/STATE%20INDUSTRIAL%20PROFILE\\_himanchal.pdf](http://dcmsme.gov.in/dips/state_wise_profile_16-17/STATE%20INDUSTRIAL%20PROFILE_himanchal.pdf)

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|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Regional-cum-Facilitation Centre (RCFC)/NMPB<sup>140</sup></li> </ul> | T3: Other wholesale trade,                               | <ul style="list-style-type: none"> <li>MSME-DI</li> </ul>                                                                                                                                                | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                  | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                              |
|                                                                                                              | T1: Trade and repair of motor vehicles and motor cycles, | <ul style="list-style-type: none"> <li>State Transport Authority</li> </ul>                                                                                                                              | <ul style="list-style-type: none"> <li>Facilitation of collaboration of auto repair entrepreneurs with aggregation platforms such as CarMechanic and others</li> <li>A push for motor repair certifications can lead to quality and competitiveness augmentation of this sub sector in the state</li> </ul>                                                                | <ul style="list-style-type: none"> <li>Engine overhaul &amp; servicing</li> <li>Tool operation</li> <li>Accounting</li> </ul>                                                                                                               |
|                                                                                                              | <b>Services</b>                                          |                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                             |
|                                                                                                              | S13: Education,                                          | <ul style="list-style-type: none"> <li>Directorate of Higher Education Himachal Pradesh</li> </ul>                                                                                                       | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                    | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul>                                        |
|                                                                                                              | S1: Accommodation,                                       | <ul style="list-style-type: none"> <li>Himachal Pradesh Tourism Development Board</li> <li>Himachal Pradesh Tourism Development Corporation</li> <li>District Tourism Development Corporation</li> </ul> | <ul style="list-style-type: none"> <li>Climate change enabled and green marketing if taught to units operating in this sector can make them more competitive</li> <li>Entrepreneurs can be trained to offer/market ancillary products/services which are of local produce to the tourists who visit the state. This co-selling would help in generating profits</li> </ul> | <ul style="list-style-type: none"> <li>Knowledge &amp; Understanding Provision of short stay accommodation</li> <li>Knowledge &amp; Understanding Provision of accommodation mountain shelters</li> <li>Knowledge of Hospitality</li> </ul> |

<sup>140</sup> <https://startuphimachal.hp.gov.in/about/incubators/>

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|               |                                 |                                                                                                                                                               | <p>for a larger chunk of units from the same clientele</p> <ul style="list-style-type: none"> <li>• Sustainable/eco-living and tourism and Yoga/Ayush based accommodations can be yet another focus area that can be explored particularly in districts of Lahaul Spiti, Mandi, Kullu and Solan<sup>143</sup></li> <li>• State level tourism development corporation portals/e-infrastructure can also be used to list and market local homestay at a fixed commission to the Tourism Development corporations</li> </ul> |                                                                                                                                                                                                       |
|               | S9: Other financial activities, | <ul style="list-style-type: none"> <li>• Moneylenders</li> <li>• Stockbrokers</li> <li>• share brokers</li> <li>• dealers in bullion<sup>144</sup></li> </ul> | <ul style="list-style-type: none"> <li>• Digital Inclusion can drive financial inclusion in the informal sector and the entrepreneurs working in this sector can do using financial technology tools and platforms<sup>145</sup>.</li> <li>• Adequate training and partnership opportunities should be given to entrepreneurs working in this sector for upgrading their technological acumen w.r.t fintech and also their business acumen for acting as an enabler/partner in the existing fintech ecosystem</li> </ul>  | <ul style="list-style-type: none"> <li>• Activities auxiliary to insurance and pension funding,</li> <li>• Insurance and reinsurance policies</li> <li>• Understanding of Digital Payments</li> </ul> |
| <b>PUNJAB</b> | <b>Manufacturing</b>            |                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                       |

<sup>143</sup> <https://himachaltourism.gov.in/wp-content/uploads/2019/09/Himachal-Pradesh-Tourism-Policy-2019.pdf>

<sup>144</sup> <http://mospi.nic.in/103-informal-financial-sector-statistics#:~:text=The%20financial%20auxiliaries%20covered%20under,from%20those%20of%20formal%20sector.>

<sup>145</sup> <https://medium.com/@SustainableDFS/banking-the-underbanked-formal-vs-informal-financial-inclusion-does-it-matter-1693974de449>

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| <p>Incentives for MSME/Large units</p> <ul style="list-style-type: none"> <li>• MSME – 100% Reimbursement of net SGST, Exemption in ED, SD</li> <li>• MSME – 5% Interest Subsidy for Border and Kandi Area</li> <li>• MSME – Assistance for Finance, Technology, Marketing &amp; Exports</li> <li>• Large – 75% of net SGST, 100% Exemption in ED, SD &amp; 50% Property Tax</li> <li>• Thrust Sector – 100% of net SGST, 100% Exemption in ED, SD &amp; 50% PTax</li> <li>• Early Bird Units in New Industrial Parks – 100% of net SGST up to 125% FCI</li> <li>• Capital Subsidy to IT/ITES units- 50 % of FCI subject to ceiling of INR 2.5 cr per unit</li> <li>• 5% interest subsidy for MSMEs for new/expansion/ diversification in addition to benefits under ATUF for apparel and madeups and technical textiles for 3 years subject to a</li> </ul> | M2:<br>Manufacture of food products,                     | <ul style="list-style-type: none"> <li>• Department of Food processing, Punjab</li> <li>• Indian Institute of Food Processing, Punjab</li> <li>• Punjab Agro Industries Corporation Limited (PAIC)</li> </ul>                                                                                   | <ul style="list-style-type: none"> <li>• Augmentation of cold storage supply chain for transport in other parts of country is a major need</li> <li>• Platform partner and market connect required for the food produce activities that are abundant in state:</li> <li>• Skills development in Food Safety</li> </ul>                                                                                                                                  | <ul style="list-style-type: none"> <li>• Processing and preserving of meat</li> <li>• Processing and preserving of fish, crustaceans and molluscs and products</li> <li>• Processing and preserving of fruits and vegetables</li> <li>• Manufacture of vegetable and animal oils and fats</li> <li>• Manufacture of dairy products</li> <li>• Manufacture of grain mill products, starches and starch products</li> <li>• Manufacture of other food products</li> <li>• Manufacture of prepared animal feeds</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | M5:<br>Manufacture of textiles,                          | <ul style="list-style-type: none"> <li>• Major textile and design institutes: <ul style="list-style-type: none"> <li>○ NIIFT, Mohali</li> <li>○ Punjab Institute of textile technology, Amritsar</li> <li>○ Govt. Institute of Textile Chemistry and Knitting Technology</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Enabling informal and small firms to move into value-added products; improvement in design and product quality.</li> <li>• Reducing lead time in product making by entering into logistics partnerships</li> <li>• A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value recognition</li> </ul> | <ul style="list-style-type: none"> <li>• Preparation and spinning of textile fibres</li> <li>• Weaving of textiles</li> <li>• Finishing of textiles</li> <li>• Manufacture of knitted and crocheted fabrics</li> <li>• Manufacture of made-up textile articles, except apparel</li> <li>• Manufacture of carpets and rugs</li> <li>• Manufacture of cordage, rope, twine and netting</li> <li>• Manufacture of other textiles</li> </ul>                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | M25: Repair and installation of machinery and equipment, | <ul style="list-style-type: none"> <li>• ITIs (Industrial Training Institutes) in Punjab<sup>146</sup></li> <li>• Department of Technical Education and Industrial Training, Government of Punjab</li> </ul>                                                                                    | <ul style="list-style-type: none"> <li>• Refurbished goods is an emerging field that the existing entrepreneurs involved in repair and installation of machinery and equipment can venture into</li> </ul>                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>• Welding</li> <li>• Rigging</li> <li>• Cutting</li> <li>• Grinding</li> <li>• Balancing &amp; Alignment</li> <li>• Blue matching</li> </ul>                                                                                                                                                                                                                                                                                                                                     |

<sup>146</sup> <http://www.punjabitis.gov.in/ITIPortalPages/TradewiseSeatMatrix.aspx>

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| <p>maximum of 10 lakh per year</p> <ul style="list-style-type: none"> <li>• Zoning regulations of industrial areas will be liberalized to provide units in apparel and made-ups sector higher FAR.</li> </ul> <p>Fiscal Incentives for Anchor Unit</p> <ul style="list-style-type: none"> <li>• 100% Reimbursement of net SGST for 15 years up to 200% of FCI</li> <li>• 100% Exemption from CLU/EDC</li> <li>• Employment Generation Incentive @Rs.30,000/employee/year</li> <li>• CLU in Agriculture Zone for minimum land area of 50 Acres</li> </ul> <p>Non-Fiscal Incentives</p> <ul style="list-style-type: none"> <li>• Exemption from PAPRA and Grant of CLU for Anchor Projects</li> <li>• 365 days operation without any weekly offs</li> <li>• Exemption from Consent Management for Green Category Units</li> </ul> |                                     |                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>• Management of electronic waste is yet another opportunity that can prove highly useful for these entrepreneurs if they are adequately trained. Regional ITIs and global policy inputs for e-waste management can help in this.</li> </ul>                                                | <ul style="list-style-type: none"> <li>• Power tool operation</li> <li>• Hand tool operation</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | M6: Manufacture of wearing apparel, | <ul style="list-style-type: none"> <li>• Corporate Partners <ul style="list-style-type: none"> <li>○ Oswal</li> <li>○ Vardhman</li> <li>○ Trident</li> <li>○ Winsome</li> <li>○ Duke</li> <li>○ Sportking</li> <li>○ Madame</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Growing number of Indian start-ups are making a mark with their ethnic labels<sup>147</sup></li> <li>• Informal units manufacturing wearing apparel can be funded and mentored to either start their own ethnic label or could supply their produce to existing ethnic labels</li> </ul> | <ul style="list-style-type: none"> <li>• Manufacture of all types of textile garments and clothing accessories</li> <li>• Manufacture of rain coats of waterproof textile fabrics or plastic sheetings</li> <li>• Manufacture of hats, caps and other clothing accessories such gloves, belts, ties, cravats, hairnets etc.</li> <li>• Manufacture of wearing appare made of leather and substitutes leather</li> <li>• Custom tailoring</li> <li>• Manufacture of articles of fur</li> <li>• Manufacture of knitted or crocheted wearing apparel and other made-up articles directly into shape (pullovers, cardigans, jerseys, waistcoats and similar articles)</li> <li>• Manufacture of other knitted and crocheted apparel including hosiery</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Trade                               |                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | T3: Other wholesale trade,          | <ul style="list-style-type: none"> <li>• MSME-DI</li> </ul>                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in</li> </ul>                                                                                                                                                        | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

<sup>147</sup> <https://yourstory.com/2019/07/fashion-ethnic-wear-startup-aks-aditri>

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|--|-----------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                   |                                                                                           | efficiency and augmented margins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>Accounting</li> </ul>                                                                                                                                         |
|  | T4: Other retail trade,           | <ul style="list-style-type: none"> <li>Retailers Association Of India</li> </ul>          | <ul style="list-style-type: none"> <li>The retail trade organization should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                       |
|  | <b>Services</b>                   |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                      |
|  | S13: Education,                   | <ul style="list-style-type: none"> <li>Department of School Education – Punjab</li> </ul> | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul> |
|  | S7:Information and Communication, | <ul style="list-style-type: none"> <li>Punjab ICT Education Society</li> </ul>            | <ul style="list-style-type: none"> <li>Technical and vocational training that is at the cusp of ICT and SDG will help train people in setting up of units of their own</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>News agency activities (news syndicate and news agency activities furnishing news, pictures and features to the media),</li> </ul>                            |



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|                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                               |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>Telephone based information services</li> </ul>                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                       | S15: Other community, social and personal service activities, | <ul style="list-style-type: none"> <li>Social Workers Association, Ludhiana, Punjab</li> </ul>                              | <ul style="list-style-type: none"> <li>As a social work entrepreneur an informal sector entrepreneur work in different areas like Human Rights Agencies, Old Age Homes, Disaster Management Departments, etc. MSDE can partner with relevant training and deployment partners to provide suitable knowledge support and business opportunities</li> </ul> | <ul style="list-style-type: none"> <li>Social work activities for the elderly and disabled,</li> <li>Other social work activities n.e.</li> </ul>                                                                                                                                                                                                                                              |
| <p><b>CHANDIGARH</b></p> <p>The Incubation and Co-working Startup Scheme<sup>148</sup> by U.T. provides early stage students/ imminent Startups affordable co-working space plans along with business plan advisory, interactive web portal, access to Venture Capitalists</p> <p>The UT has set up the SPIC IT Incubation Centre to provide Startups with office space and infrastructure on lease rental basis.</p> | <b>Manufacturing</b>                                          |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                       | M10: Printing and reproduction of recorded media,             | <ul style="list-style-type: none"> <li>Chandigarh-Punjab Union of Journalists</li> </ul>                                    | <ul style="list-style-type: none"> <li>This is an opportunity sector wherein informal entrepreneurs if trained skill wise and also platform (such as Youtube<sup>149</sup>/Medium<sup>150</sup>) onboarding wise can create enterprises that are both formal and lean</li> </ul>                                                                          | <ul style="list-style-type: none"> <li>Printing</li> <li>Engraving, etching and block making etc.</li> <li>Book and other similar sheet binding on account of others</li> <li>Reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings, motion pictures and other video recordings, software and data on discs and tapes</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                       | M12: Manufacture of chemicals and chemical products,          | <ul style="list-style-type: none"> <li>Chandigarh Pollution Control Committee</li> <li>Punjab Dyers' Association</li> </ul> | <ul style="list-style-type: none"> <li>Organic/Natural chemicals have a growing demand in national and international market.</li> <li>Government can help and educate Chemical and chemical based companies in the region to innovate and venture into Ayush (health plus wellness) products</li> </ul>                                                   | <ul style="list-style-type: none"> <li>Manufacture of basic chemicals</li> <li>Manufacture of fertilizers and nitrogen compounds</li> <li>Manufacture of plastics and synthetic rubber in primary form</li> <li>Manufacture of pesticides and other agrochemical products</li> </ul>                                                                                                           |

<sup>148</sup> [http://220.225.135.211:81/startup/assets/EDC\\_POLICY.pdf](http://220.225.135.211:81/startup/assets/EDC_POLICY.pdf)

<sup>149</sup> <https://www.youtube.com/>

<sup>150</sup> <https://medium.com/>

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|  |                                                   |                                                                                                                                   | by processing them at Chandigarh and sourcing raw materials from nearby states such as Himachal Pradesh, J&K, Punjab, Haryana and Uttarakhand    | <ul style="list-style-type: none"> <li>• Manufacture of paints, varnishes and similar coatings, printing inks and mastics</li> <li>• Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations</li> <li>• Manufacture of man-made fibres</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  | M14: Manufacture of rubber and plastics products, | <ul style="list-style-type: none"> <li>• Rubber Board, Ministry of Commerce and Industry, Govt. of India<sup>151</sup></li> </ul> | <ul style="list-style-type: none"> <li>• Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul> | <ul style="list-style-type: none"> <li>• Manufacture of rubber tyres and tubes for motor vehicles, motorcycles, scooters, three-wheelers, tractors and aircraft</li> <li>• Manufacture of rubber tyres and tubes for cycles and cycle-rickshaws</li> <li>• Retreading of tyres; replacing or rebuilding of tread on used pneumatic tyres</li> <li>• Manufacture of rubber plates, sheets, strips, rods, tubes, pipes, hoses and profile -shapes etc.</li> <li>• Manufacture of rubber conveyors or transmission belts or belting</li> <li>• Manufacture of rubber contraceptives</li> <li>• Manufacture of rubber balloons</li> <li>• Manufacture of semi-finished plastic products (plastic plates, sheets, blocks, film, foil, strip etc.)</li> <li>• Manufacture of tableware, kitchenware and other household articles and toilet articles of plastic, including manufacture of vacuum flasks and other vacuum vessels</li> <li>• Manufacture of plastic articles for the packing of goods (plastic</li> </ul> |

<sup>151</sup> <http://www.rbegp.in/RUBI/LicensingReportsInIndex.do?licensetypepk=1&statepk=0&districtpk=0>

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|  |                                                          |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      | bags, sacks, containers, boxes, cases, carboys, bottles etc.) <ul style="list-style-type: none"> <li>• Manufacture of bathing tubs, wash-basins, lavatory pans and covers, flushing cisterns and similar sanitary-ware of plastics</li> <li>• Manufacture of travel goods of plastics (suitcase, vanity bags, holdalls and similar articles)</li> <li>• Manufacture of spectacle frames of plastic</li> <li>• Manufacture of moulded industrial accessories of plastics</li> <li>• Manufacture of polymer/ synthetic / PVC water storage tanks</li> </ul> |
|  | M25: Repair and installation of machinery and equipment, | <ul style="list-style-type: none"> <li>• ITIs (Industrial Training Institutes)</li> </ul> | <ul style="list-style-type: none"> <li>• Refurbished goods is an emerging field that the existing entrepreneurs involved in repair and installation of machinery and equipment can venture into</li> <li>• Management of electronic waste is yet another opportunity that can prove highly useful for these entrepreneurs if they are adequately trained. Regional ITIs and global policy inputs for e-waste management can help in this.</li> </ul> | <ul style="list-style-type: none"> <li>• Welding</li> <li>• Rigging</li> <li>• Cutting</li> <li>• Grinding</li> <li>• Balancing &amp; Alignment</li> <li>• Blue matching</li> <li>• Power tool operation</li> <li>• Hand tool operation</li> </ul>                                                                                                                                                                                                                                                                                                        |
|  | <b>Trade</b>                                             |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|  | T3: Other wholesale trade,                               | <ul style="list-style-type: none"> <li>• MSME-DI</li> </ul>                               | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                  |
|  | T4: Other retail trade,                                  | <ul style="list-style-type: none"> <li>• Retailers Association Of India</li> </ul>        | <ul style="list-style-type: none"> <li>• The retail trade organization be should be encouraged to</li> </ul>                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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|  |                                                               |                                                                                                                                       | <p>formulate partnerships and SPVs for development of new markets and for logistics support.</p> <ul style="list-style-type: none"> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                                                                            |
|  | <b>Services</b>                                               |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                    |
|  | S15: Other community, social and personal service activities, | -                                                                                                                                     | <ul style="list-style-type: none"> <li>As a social work entrepreneur an informal sector entrepreneur work in different areas like Human Rights Agencies, Old Age Homes, Disaster Management Departments, etc. MSDE can partner with relevant training and deployment partners to provide suitable knowledge support and business opportunities</li> </ul>                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>Social work activities for the elderly and disabled,</li> <li>Other social work activities n.e.c.</li> </ul>                                                                                |
|  | S14: Human Health and Social work,                            | <ul style="list-style-type: none"> <li>Association of Professional Social Workers &amp; Development Practitioners (APSWDP)</li> </ul> | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a</li> </ul>                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                               |                                                                                                                                 | paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S7:Information and Communication,                                             | <ul style="list-style-type: none"> <li>Directorate of Technical Education, Chandigarh</li> </ul>                                | <ul style="list-style-type: none"> <li>Technical and vocational training that is at the cusp of ICT and SDG will help train people in setting up of units of their own</li> </ul> | <ul style="list-style-type: none"> <li>News agency activities (news syndicate and news agency activities furnishing news, pictures and features to the media),</li> <li>Telephone based information services</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Uttarakhand</b><br><br>Policy Name: Uttarakhand State Start-up Policy-2018 <sup>152</sup><br><br>Incentives<br><br>For Startups <ul style="list-style-type: none"> <li>Monthly Allowance</li> <li>Marketing Allowance</li> <li>Patent (IP) Reimbursement</li> <li>Stamp Duty Reimbursement</li> <li>State GST Reimbursement</li> <li>Infrastructure Support</li> </ul> For Incubators <ul style="list-style-type: none"> <li>Capital Grant</li> <li>Running Expense</li> </ul> | <b>Manufacturing</b><br><br>M14: Manufacture of rubber and plastics products, | <ul style="list-style-type: none"> <li>Rubber Board, Ministry of Commerce and Industry, Govt. of India<sup>153</sup></li> </ul> | <ul style="list-style-type: none"> <li>Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul>                                    | <ul style="list-style-type: none"> <li>Manufacture of rubber tyres and tubes for motor vehicles, motorcycles, scooters, three-wheelers, tractors and aircraft</li> <li>Manufacture of rubber tyres and tubes for cycles and cycle-rickshaws</li> <li>Retreading of tyres; replacing or rebuilding of tread on used pneumatic tyres</li> <li>Manufacture of rubber plates, sheets, strips, rods, tubes, pipes, hoses and profile -shapes etc.</li> <li>Manufacture of rubber conveyors or transmission belts or belting</li> <li>Manufacture of rubber contraceptives</li> <li>Manufacture of rubber balloons</li> <li>Manufacture of semi-finished or plastic products (plastic plates, sheets, blocks, film, foil, strip etc.)</li> </ul> |

<sup>152</sup> [https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/uttarakhand\\_state\\_startup\\_policy.html](https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/uttarakhand_state_startup_policy.html)

<sup>153</sup> <http://www.rbegp.in/RUBI/LicensingReportsInIndex.do?licensetypepk=1&statepk=0&districtpk=0>

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| <p>For Funding Support</p> <ul style="list-style-type: none"> <li>• Setup of Angel Network</li> <li>• Matching Grant</li> <li>• Other Assistance</li> </ul> |                                                                                                                                              |                                                                                           |                                                                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>• Manufacture of tableware, kitchenware and other household articles and toilet articles of plastic, including manufacture of vacuum flasks and other vacuum vessels</li> <li>• Manufacture of plastic articles for the packing of goods (plastic bags, sacks, containers, boxes, cases, carboys, bottles etc.)</li> <li>• Manufacture of bathing tubs, wash-basins, lavatory pans and covers, flushing cisterns and similar sanitary-ware of plastics</li> <li>• Manufacture of travel goods of plastics (suitcase, vanity bags, holdalls and similar articles)</li> <li>• Manufacture of spectacle frames of plastic</li> <li>• Manufacture of moulded industrial accessories of plastics</li> <li>• Manufacture of polymer/ synthetic / PVC water storage tanks</li> </ul> |
|                                                                                                                                                             | <p>M8:<br/>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials,</p> | <ul style="list-style-type: none"> <li>• Industries Association of Uttarakhand</li> </ul> | <ul style="list-style-type: none"> <li>• In light of sustainability and mitigation of carbon footprints informal entrepreneurs working in this sector can be trained to Upcycle and Recycle wood and wood based products. These products when combined with green marketing efforts can help enterprise prospects for the informal entrepreneurs</li> </ul> | <ul style="list-style-type: none"> <li>• Sawing and planing of wood</li> <li>• Manufacture of unassembled wooden flooring including parquet flooring</li> <li>• Manufacture of wooden railway sleepers</li> <li>• Activities related to saw milling and planing of wood</li> <li>• Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and board</li> <li>• Manufacture of builders' carpentry and joinery</li> <li>• Manufacture of wooden containers</li> </ul>                                                                                                                                                                                                                                                                                                      |

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|  |                                                          |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li>• Manufacture of other products wood; manufacture of articles cork, straw and plaiting material</li> </ul>                                                                                                                                                                                                                                                                                                                                                                       |
|  | M25: Repair and installation of machinery and equipment, | <ul style="list-style-type: none"> <li>• ITIs (Industrial Training Institutes)</li> </ul>          | <ul style="list-style-type: none"> <li>• Refurbished goods is an emerging field that the existing entrepreneurs involved in repair and installation of machinery and equipment can venture into</li> <li>• Management of electronic waste is yet another opportunity that can prove highly useful for these entrepreneurs if they are adequately trained. Regional ITIs and global policy inputs for e-waste management can help in this.</li> </ul> | <ul style="list-style-type: none"> <li>• Welding</li> <li>• Rigging</li> <li>• Cutting</li> <li>• Grinding</li> <li>• Balancing &amp; Alignment</li> <li>• Blue matching</li> <li>• Power tool operation</li> <li>• Hand tool operation</li> </ul>                                                                                                                                                                                                                                                                      |
|  | M2: Manufacture of food products,                        | <ul style="list-style-type: none"> <li>• Doon Valley Hotel &amp; Restaurant Association</li> </ul> | <ul style="list-style-type: none"> <li>• Augmentation of cold storage supply chain for transport in other parts of country is a major need</li> <li>• Platform partner and market connect required for the food produce activities that are abundant in state:</li> <li>• Skills development in Food Safety</li> </ul>                                                                                                                               | <ul style="list-style-type: none"> <li>• Processing and preserving of meat</li> <li>• Processing and preserving of fish, crustaceans and molluscs and products</li> <li>• Processing and preserving of fruits and vegetables</li> <li>• Manufacture of vegetable and animal oils and fats</li> <li>• Manufacture of dairy products</li> <li>• Manufacture of grain mill products, starches and starch products</li> <li>• Manufacture of other food products</li> <li>• Manufacture of prepared animal feeds</li> </ul> |
|  | <b>Trade</b>                                             |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|  | T3: Other wholesale trade,                               | <ul style="list-style-type: none"> <li>• MSME-DI</li> </ul>                                        | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and</li> </ul>                                                                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                               |

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|  |                         |                                                                                                                                               | order acquisition can bring in efficiency and augmented margins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                                                                       |
|  | T4: Other retail trade, | <ul style="list-style-type: none"> <li>• Retailers Association Of India</li> </ul>                                                            | <ul style="list-style-type: none"> <li>• The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>• State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>• To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                      |
|  | <b>Services</b>         |                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                               |
|  | S13: Education,         | <ul style="list-style-type: none"> <li>• State Department of Education</li> </ul>                                                             | <ul style="list-style-type: none"> <li>• Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>• Primary education,</li> <li>• Technical and vocational secondary education,</li> <li>• Other education (n.e.c.),</li> <li>• Educational support services</li> </ul>  |
|  | S1: Accommodation,      | <ul style="list-style-type: none"> <li>• District Tourism Promotion Council</li> <li>• State level Tourism Development Corporation</li> </ul> | <ul style="list-style-type: none"> <li>• Entrepreneurs can be trained to offer/market ancillary products/services which are of local produce to the tourists who visit the state. This co-selling would help in generating profits</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>• Knowledge &amp; Understanding Provision of short stay accommodation</li> <li>• Knowledge &amp; Understanding Provision of accommodation mountain shelters</li> </ul> |



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|                |                                    |                                                                                                                                                                                    | <p>for a larger chunk of units from the same clientele</p> <ul style="list-style-type: none"> <li>State level tourism development corporation portals/e-infrastructure can also be used to list and market local homestay at a fixed commission to the Tourism Development corporations</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>Knowledge of Hospitality</li> </ul>                                                                                                                                                         |
|                | S14: Human Health and Social work, | <ul style="list-style-type: none"> <li>SIIDCUL (State Infrastructure and Industrial Development Corporation of Uttarakhand Ltd), a Government of Uttarakhand Enterprise</li> </ul> | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |
| <b>HARYANA</b> | <b>Manufacturing</b>               |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |
|                | M17: Manufacture of fabricated     | <ul style="list-style-type: none"> <li>Indian Ferro-Alloys Producers' Association</li> </ul>                                                                                       | <ul style="list-style-type: none"> <li>Enabling firms to move into value-added products;</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>Welding</li> <li>Grinding</li> <li>Tool Cutting</li> </ul>                                                                                                                                  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                               |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                     |
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| <p>Policy Name: Haryana Entrepreneur &amp; Startup Policy-2017<sup>154</sup></p> <p>(Nodal Agency: Haryana State Electronics Development Corporation Limited)</p> <p>Incentives</p> <p>For Startups</p> <ul style="list-style-type: none"> <li>• Lease Rental Subsidy</li> <li>• Patent Cost Reimbursement</li> <li>• Assistance for Program/App Development</li> <li>• Seed Grant</li> <li>• Self-Certification</li> <li>• Preferential Procurement</li> <li>• Annual Hackathon Competition</li> </ul> <p>For Incubators</p> <ul style="list-style-type: none"> <li>• Exemption on Rental Charge</li> <li>• Recurring Expense Reimbursement</li> <li>• Stamp Duty &amp; Registration Exemption</li> <li>• Mentoring &amp; Training Assistance</li> <li>• Assistance in Participation of Fair/Exhibition</li> </ul> <p>For Funding Support</p> | metal products, except machinery and equipment,                                                               | <ul style="list-style-type: none"> <li>• Small Engineering Works Association, Panipat</li> </ul>                                                                   | improvement in design and product quality.                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>• Gas Cutting</li> <li>• Measuring</li> </ul>                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | M20: Manufacture of machinery and equipment n.e.c.,                                                           | <ul style="list-style-type: none"> <li>• Small Engineering Works Association, Panipat</li> </ul>                                                                   | <ul style="list-style-type: none"> <li>• In interest of emerging technologies and global competitiveness, training in 3D printing and making resources of 3D printing available to informal entrepreneurs to complement their hand/traditional skills so that the entrepreneur can also be prepared for smart manufacturing and just in time options of manufacturing</li> </ul> | <ul style="list-style-type: none"> <li>• Welding</li> <li>• Grinding</li> <li>• Cutting</li> <li>• Rigging</li> <li>• Machining</li> <li>• Lathe working</li> <li>• CAD-CAM</li> </ul>                                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | M3: Manufacture of beverages,                                                                                 | <ul style="list-style-type: none"> <li>• Indian Beverage Association (IBA)</li> <li>• The International Spirits &amp; Wine Association of India (ISWAI)</li> </ul> | <ul style="list-style-type: none"> <li>• Graduates of regional ITIs and training institutes who have skills of manufactured beverages need to be supported to position their produce in a quality manner in local market ecosystem</li> </ul>                                                                                                                                    | <ul style="list-style-type: none"> <li>• Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials</li> <li>• Manufacture of wines</li> <li>• Manufacture of malt liquors and malt</li> <li>• Manufacture of soft drinks; production of mineral waters and other bottled waters</li> </ul>                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | M8: Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and | <ul style="list-style-type: none"> <li>• Haryana Plywood Manufacturer Association, Yamunanagar</li> </ul>                                                          | <ul style="list-style-type: none"> <li>• In light of sustainability and mitigation of carbon footprints informal entrepreneurs working in this sector can be trained to Upcycle and Recycle wood and wood based products. These products when combined with green marketing efforts can help enterprise prospects for the informal entrepreneurs</li> </ul>                      | <ul style="list-style-type: none"> <li>• Sawing and planing of wood</li> <li>• Manufacture of unassembled wooden flooring including parquet flooring</li> <li>• Manufacture of wooden railway sleepers</li> <li>• Activities related to saw milling and planing of wood</li> <li>• Manufacture of veneer sheets; manufacture of plywood,</li> </ul> |

<sup>154</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Haryana-state-policy.html>

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| <ul style="list-style-type: none"> <li>The State Government shall set up a fund with an initial corpus of INR 100 Cr to be invested over a period of 5 years as the Alternative Investment Fund (AIF) identifies investment opportunities.</li> <li>The Fund would be about the nature of FoF, which means that it will not invest directly into the Start-ups, but shall participate with capital commitment in SEBI registered Category 1 AIF Venture Funds.</li> <li>SIDBI would manage this Fund and would make the disbursement to Venture Capital Fund after due diligence, once the condition is fulfilled.</li> <li>The mandate would be given by state government to make 10% contribution in the total corpus of the VC Fund subject to the condition that VC invests twice the amount contributed by the State Government in the startups based in Haryana. The proportionate return or</li> </ul> | plaiting materials,        |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | laminboard, particle board and other panels and board <ul style="list-style-type: none"> <li>Manufacture of builders' carpentry and joinery</li> <li>Manufacture of wooden containers</li> <li>Manufacture of other products wood; manufacture of articles cork, straw and plaiting materia</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Trade</b>               |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | T3: Other wholesale trade, | <ul style="list-style-type: none"> <li>MSME-DI</li> </ul>                        | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | T4: Other retail trade,    | <ul style="list-style-type: none"> <li>Retailers Association Of India</li> </ul> | <ul style="list-style-type: none"> <li>The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Services</b>            |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                        |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                    |                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |
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| <p>proceeds from the Venture Funds shall be remitted back to the FoF. This returns along with Capital gains shall be used to continue to fund Venture Funds to continuously support rapidly growing start-up eco-system.</p> <ul style="list-style-type: none"> <li>The State Government in total would contribute 10 % of the funds size to be raised by VC and it shall be released only when the VC makes investment in Haryana based Startup.</li> </ul> | S9: Other financial activities,    | <ul style="list-style-type: none"> <li>Moneylenders</li> <li>Stockbrokers</li> <li>share brokers</li> <li>dealers in bullion</li> </ul> | <ul style="list-style-type: none"> <li>Digital Inclusion can drive financial inclusion in the informal sector and the entrepreneurs working in this sector can do using financial technology tools and platforms.</li> <li>Adequate training and partnership opportunities should be given to entrepreneurs working in this sector for upgrading their technological acumen w.r.t fintech and also their business acumen for acting as an enabler/partner in the existing fintech ecosystem</li> </ul>                                                         | <ul style="list-style-type: none"> <li>Activities auxiliary to insurance and pension funding,</li> <li>Insurance and reinsurance policies</li> <li>Understanding of Digital Payments</li> </ul>                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S14: Human Health and Social work, | <ul style="list-style-type: none"> <li>Department of Social Justice and Empowerment, Government of Haryana</li> </ul>                   | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other para medical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S13: Education,                    | <ul style="list-style-type: none"> <li>Haryana Private School Association</li> </ul>                                                    | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a</li> </ul>                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul>                                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                   |                                                                                          | complement to existing offline and online educational services                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <p><b>DELHI</b></p> <p>Delhi government's Mission Buniyaad, to ensure basic reading, writing and arithmetic skills amongst Class III-IX</p> <p>1. Government of NCT of Delhi launched its incubation policy in 2016. The objective of the policy is to setup incubators in NCT supported academic institutions.</p> <p>2. Nodal department for Startup is Department of Industries, Government of NCT of Delhi.</p> <p>3. Government of NCT of Delhi is also in the process of announcing a dedicated Startup Policy for Startups in Delhi<sup>155</sup></p> | <b>Manufacturing</b>                              |                                                                                          |                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | M2: Manufacture of food products,                 | <ul style="list-style-type: none"> <li>All India Food Processors' Association</li> </ul> | <ul style="list-style-type: none"> <li>Platform partner and market connect required for the food produce activities that are abundant in state</li> <li>Skills development in Food Safety</li> </ul>                                                   | <ul style="list-style-type: none"> <li>Processing and preserving of meat</li> <li>Processing and preserving of fish, crustaceans and molluscs and products</li> <li>Processing and preserving of fruits and vegetables</li> <li>Manufacture of vegetable and animal oils and fats</li> <li>Manufacture of dairy products</li> <li>Manufacture of grain mill products, starches and starch products</li> <li>Manufacture of other food products</li> <li>Manufacture of prepared animal feeds</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | M10: Printing and reproduction of recorded media, | <ul style="list-style-type: none"> <li>Delhi Printers' Association</li> </ul>            | <ul style="list-style-type: none"> <li>This is an opportunity sector wherein informal entrepreneurs if trained skill wise and also platform (such as Youtube /Medium ) onboarding wise can create enterprises that are both formal and lean</li> </ul> | <ul style="list-style-type: none"> <li>Printing</li> <li>Engraving, etching and block making etc.</li> <li>Book and other similar sheet binding on account of others</li> <li>Reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings, motion pictures and other video recordings, software and data on discs and tapes</li> </ul>                                                                                                          |

<sup>155</sup> [https://www.startupindia.gov.in/content/dam/invest-india/compendium/Startup%20India%20-%20State%20report\\_Delhi\\_final.pdf](https://www.startupindia.gov.in/content/dam/invest-india/compendium/Startup%20India%20-%20State%20report_Delhi_final.pdf)

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|  | <p>M14:<br/>Manufacture of rubber and plastics products,</p> | <ul style="list-style-type: none"> <li>Rubber Board, Ministry of Commerce and Industry, Govt. of India<sup>156</sup></li> </ul> | <ul style="list-style-type: none"> <li>Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul> | <ul style="list-style-type: none"> <li>Manufacture of rubber tyres and tubes for motor vehicles, motorcycles, scooters, three-wheelers, tractors and aircraft</li> <li>Manufacture of rubber tyres and tubes for cycles and cycle-rickshaws</li> <li>Retreading of tyres; replacing or rebuilding of tread on used pneumatic tyres</li> <li>Manufacture of rubber plates, sheets, strips, rods, tubes, pipes, hoses and profile -shapes etc.</li> <li>Manufacture of rubber conveyors or transmission belts or belting</li> <li>Manufacture of rubber contraceptives</li> <li>Manufacture of rubber balloons</li> <li>Manufacture of semi-finished plastic products (plastic plates, sheets, blocks, film, foil, strip etc.)</li> <li>Manufacture of tableware, kitchenware and other household articles and toilet articles of plastic, including manufacture of vacuum flasks and other vacuum vessels</li> <li>Manufacture of plastic articles for the packing of goods (plastic bags, sacks, containers, boxes, cases, carboys, bottles etc.)</li> <li>Manufacture of bathing tubs, wash-basins, lavatory pans and covers, flushing cisterns and similar sanitary-ware of plastics</li> <li>Manufacture of travel goods of plastics (suitcase, vanity bags, holdalls and similar articles)</li> </ul> |
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<sup>156</sup> <http://www.rbegp.in/RUBI/LicensingReportsInIndex.do?licensetypepk=1&statepk=0&districtpk=0>

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|  |                              |                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>• Manufacture of spectacle frames of plastic</li> <li>• Manufacture of moulded industrial accessories of plastics</li> <li>• Manufacture of polymer/ synthetic / PVC water storage tanks</li> </ul>                                                                                                                                                                                               |
|  | M5: Manufacture of textiles, | <ul style="list-style-type: none"> <li>• The Textile Association Delhi, India</li> <li>• Indian Technical Textile Association</li> </ul> | <ul style="list-style-type: none"> <li>• Govt. policy push can focus on welfare schemes for weavers</li> <li>• Enabling informal and small firms to move into value-added products; improvement in design and product quality.</li> <li>• Reducing lead time in product making by entering into logistics partnerships with logistic partner and raw material providers</li> </ul> | <ul style="list-style-type: none"> <li>• Preparation and spinning of textile fibres</li> <li>• Weaving of textiles</li> <li>• Finishing of textiles</li> <li>• Manufacture of knitted and crocheted fabrics</li> <li>• Manufacture of made-up textile articles, except apparel</li> <li>• Manufacture of carpets and rugs</li> <li>• Manufacture of cordage, rope, twine and netting</li> <li>• Manufacture of other textiles</li> </ul> |
|  | <b>Trade</b>                 |                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|  | T3: Other wholesale trade,   | <ul style="list-style-type: none"> <li>• MSME-DI</li> </ul>                                                                              | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                        | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                                                                                                                                                                                                                 |
|  | T4: Other retail trade,      | <ul style="list-style-type: none"> <li>• Retailers Association Of India</li> </ul>                                                       | <ul style="list-style-type: none"> <li>• The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>• State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small</li> </ul>    | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                                                                                                                                                                                                                 |

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|--|------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                    |                                                                                                           | <p>time artisans/manufacturers and retailers.</p> <ul style="list-style-type: none"> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                    |
|  | <b>Services</b>                    |                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |
|  | S14: Human Health and Social work, | <ul style="list-style-type: none"> <li>New Delhi Social Workers Association</li> </ul>                    | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |
|  | S11: Professional, Scientific and  | <ul style="list-style-type: none"> <li>Department of Scientific and Industrial Research (DSIR)</li> </ul> | <ul style="list-style-type: none"> <li>Making remote work IT infrastructure (cloud space, Software as a Service and Secure</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>Provision of animal health care and control activities for farm animals or pet animals</li> </ul>                                                                                           |



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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Technical activities,                                |                                                                                                                    | Open Source Software) at low/no cost available by MSDE can help informal entrepreneurs venture into effectivity and possibly formalization                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>Processing motion picture film related to the motion picture and television industries</li> <li>Basics of Accounting, bookkeeping and auditing activities</li> </ul>                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | S13: Education,                                      | <ul style="list-style-type: none"> <li>Directorate Of Education Govt. Of NCT Of Delhi</li> </ul>                   | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                     | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul>                                                                                                                                                                                                                                                                                                                                     |
| <b>RAJASTHAN</b><br><br>Policy Name: Rajasthan Startup Policy 2015 <sup>157</sup><br>(Nodal Agency: Department of Information Technology & Communication (DoIT & C))<br><br>Incentives<br><br>For Startups <ul style="list-style-type: none"> <li>Monthly Allowance</li> <li>Marketing/Commercialization Assistance</li> </ul> For Incubators <ul style="list-style-type: none"> <li>One-time Capital Grant</li> <li>New Incubator Set-Up Grant</li> <li>Matching Grant for Accelerator Program</li> </ul> | <b>Manufacturing</b>                                 |                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | M12: Manufacture of chemicals and chemical products, | <ul style="list-style-type: none"> <li>Alkali Manufacturers Association of India (AMAI)</li> </ul>                 | <ul style="list-style-type: none"> <li>Entrepreneurs can be trained in new and emerging techniques in the chemical sector with a focus on raw materials available in Rajasthan</li> <li>Organic/Natural chemicals have a growing demand in national and international market.</li> <li>Government can help and educate Chemical and chemical based companies in the region to innovate and venture into products organic/natural chemicals and chemical products</li> </ul> | <ul style="list-style-type: none"> <li>Manufacture of basic chemicals</li> <li>Manufacture of fertilizers and nitrogen compounds</li> <li>Manufacture of plastics and synthetic rubber in primary form</li> <li>Manufacture of pesticides and other agrochemical products</li> <li>Manufacture of paints, varnishes and similar coatings, printing inks and mastics</li> <li>Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations</li> <li>Manufacture of man-made fibre</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | M24: Other manufacturing,                            | <ul style="list-style-type: none"> <li>Rajasthan Chamber of Commerce &amp; Industry (RCCI)</li> <li>DIC</li> </ul> | <ul style="list-style-type: none"> <li>Development of competitive market orientation of micro sized cluster units vis-a-vis large retailers who are eating into margins of micro-sized players.</li> </ul>                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>Welding</li> <li>Cutting</li> <li>Machining</li> <li>Tool Operation</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                    |

<sup>157</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Rajasthan-state-policy.html>

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|  |                                                          |                                                                                                    | <p>This can achieved with a combination of skill training and apprenticeship in the retail/export sector in person and /or virtually</p> <ul style="list-style-type: none"> <li>• A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value recognition</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  | M10: Printing and reproduction of recorded media,        | -                                                                                                  | <ul style="list-style-type: none"> <li>• This is an opportunity sector wherein informal entrepreneurs if trained skill wise and also platform (such as Youtube /Medium ) onboarding wise can create enterprises that are both formal and lean</li> </ul>                                                                                                                      | <ul style="list-style-type: none"> <li>• Printing</li> <li>• Engraving, etching and block making etc.</li> <li>• Book and other similar sheet binding on account of others</li> <li>• Reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings, motion pictures and other video recordings, software and data on discs and tapes</li> </ul>                              |
|  | M15: Manufacture of other non-metallic mineral products, | <ul style="list-style-type: none"> <li>• Federation of Mining Associations of Rajasthan</li> </ul> | <ul style="list-style-type: none"> <li>• Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>• Dedicated point of contacts for quality checks and environment impact mitigation</li> <li>• Knowledge augmentation about product diversification</li> <li>• Exploration of Export opportunities</li> </ul>                            | <ul style="list-style-type: none"> <li>• Manufacture of glass and glass products</li> <li>• Manufacture of refractory products</li> <li>• Manufacture of clay building materials</li> <li>• Manufacture of other porcelain and ceramic products</li> <li>• Manufacture of cement, lime and plaster</li> <li>• Manufacture of articles of concrete, cement and plaster</li> <li>• Cutting, shaping and finishing of stone</li> </ul> |

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|  |                                   |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• Manufacture of other non-metallic mineral products</li> </ul>                                                                                                                      |
|  | <b>Trade</b>                      |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                             |
|  | T3: Other wholesale trade,        | <ul style="list-style-type: none"> <li>• MSME-DI</li> </ul>                        | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                    |
|  | T4: Other retail trade,           | <ul style="list-style-type: none"> <li>• Retailers Association Of India</li> </ul> | <ul style="list-style-type: none"> <li>• The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>• State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>• To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                    |
|  | <b>Services</b>                   |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                             |
|  | S7:Information and Communication, | <ul style="list-style-type: none"> <li>• RIICO</li> </ul>                          | <ul style="list-style-type: none"> <li>• Technical and vocational training that is at the cusp of ICT and SDG will help train people in setting up of units of their own</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <ul style="list-style-type: none"> <li>• News agency activities (news syndicate and news agency activities furnishing news, pictures and features to the media),</li> <li>• Telephone based information services</li> </ul> |

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|                                                                                                                                                                                                                                                                                        | S13: Education,                                          | <ul style="list-style-type: none"> <li>Rajasthan Education Service Association</li> </ul>                                                 | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul>                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                        | S1: Accommodation,                                       | <ul style="list-style-type: none"> <li>District Tourism Promotion Council</li> <li>State level Tourism Development Corporation</li> </ul> | <ul style="list-style-type: none"> <li>Entrepreneurs can be trained to offer/market ancillary products/services which are of local produce to the tourists who visit the state. This co-selling would help in generating profits for a larger chunk of units from the same clientele</li> <li>State level tourism development corporation portals/e-infrastructure can also be used to list and market local homestay at a fixed commission to the Tourism Development corporations</li> </ul> | <ul style="list-style-type: none"> <li>Knowledge &amp; Understanding Provision of short stay accommodation</li> <li>Knowledge &amp; Understanding Provision of accommodation mountain shelters</li> <li>Knowledge of Hospitality</li> </ul>                                                                                                                          |
| <b>UTTAR PRADESH</b><br><br>Policy Name: Uttar Pradesh Information Technology and Startup Policy 2016 <sup>158</sup><br><br>Incentives<br><br>For Startups <ul style="list-style-type: none"> <li>Sustenance Allowance</li> <li>Marketing Allowance</li> <li>Matching Grant</li> </ul> | <b>Manufacturing</b>                                     |                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                        | M15: Manufacture of other non-metallic mineral products, | <ul style="list-style-type: none"> <li>Directorate of Geology &amp; Mining, Uttar Pradesh</li> </ul>                                      | <ul style="list-style-type: none"> <li>Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>Dedicated point of contacts for quality checks and environment impact mitigation</li> <li>Knowledge augmentation about product diversification</li> <li>Exploration of Export opportunities</li> </ul>                                                                                                                                                     | <ul style="list-style-type: none"> <li>Manufacture of glass and glass products</li> <li>Manufacture of refractory products</li> <li>Manufacture of clay building materials</li> <li>Manufacture of other porcelain and ceramic products</li> <li>Manufacture of cement, lime and plaster</li> <li>Manufacture of articles of concrete, cement and plaster</li> </ul> |

<sup>158</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/up-state-policy1.html>

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| <ul style="list-style-type: none"> <li>Incubation Incentives</li> </ul> <p>For Incubators</p> <ul style="list-style-type: none"> <li>Infrastructure Assistance</li> <li>Operational Allowance</li> <li>Mentoring Assistance</li> </ul> |                                                             |                                                                                                        |                                                                                                                                                                   | <ul style="list-style-type: none"> <li>Cutting, shaping and finishing of stone</li> <li>Manufacture of other non-metallic mineral products</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                        | M11:<br>Manufacture of coke and refined petroleum products, | <ul style="list-style-type: none"> <li>Uttar Pradesh Petroleum Traders Association</li> </ul>          | -                                                                                                                                                                 | <ul style="list-style-type: none"> <li>Production of coke and semi-coke products</li> <li>Manufacture of other coke oven products such as gas, crude coal and lignite tars etc.</li> <li>Production of liquid and gaseous fuels, illuminating oils, lubricating oils or greases or other products from crude petroleum or bituminous minerals</li> <li>Manufacture of paraffin wax</li> <li>Bottling of LPG/CNG</li> <li>Manufacture of hard-coal and lignite fuel briquettes</li> </ul>                                                                                                                    |
|                                                                                                                                                                                                                                        | M7:<br>Manufacture of leather and related products,         | <ul style="list-style-type: none"> <li>Uttar Pradesh Leather Industries Association (UPLIA)</li> </ul> | <ul style="list-style-type: none"> <li>Use of Geographical indicators and stiff competition from Polyurethane Garments to the Leather Garments segment</li> </ul> | <ul style="list-style-type: none"> <li>Flaying and curing of raw hides and skins</li> <li>Tanning and finishing of sole leather</li> <li>Tanning and finishing of industrial leather</li> <li>Scraping, currying, tanning, bleaching, shearing and plucking and dyeing of fur skins and hides with the hair on</li> <li>Finishing of upper leather, lining leather and garment leather etc.</li> <li>Embroidering and embossing of leather articles</li> <li>Other tanning, curing, finishing, embossing etc. of leather</li> <li>Manufacture of travel goods like suitcase, bags, holdalls etc.</li> </ul> |

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|  |                                                                                |                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>• Manufacture of purse, ladies' handbags, artistic leather presented articles and novelties</li> <li>• Manufacture of saddlery and harness</li> <li>• Manufacture of leather footwear such as shoes, sandals, chappals, leather-cum-rubber/plastic cloth sandals and chappals</li> <li>• Manufacture of footwear made primarily of vulcalized or moulded rubber and plastic</li> </ul> |
|  | M17: Manufacture of fabricated metal products, except machinery and equipment, | <ul style="list-style-type: none"> <li>• Indian Ferro-Alloys Producers' Association</li> </ul> | <ul style="list-style-type: none"> <li>• Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul>                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>• Welding</li> <li>• Grinding</li> <li>• Tool Cutting</li> <li>• Gas Cutting</li> <li>• Measuring</li> </ul>                                                                                                                                                                                                                                                                           |
|  | <b>Trade</b>                                                                   |                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|  | T3: Other wholesale trade,                                                     | <ul style="list-style-type: none"> <li>• MSME-DI</li> </ul>                                    | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                     | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                                                                                                                                                                                                      |
|  | T4: Other retail trade,                                                        | <ul style="list-style-type: none"> <li>• Retailers Association Of India</li> </ul>             | <ul style="list-style-type: none"> <li>• The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>• State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small</li> </ul> | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                                                                                                                                                                                                      |

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|  |                                                         |   | <p>time artisans/manufacturers and retailers.</p> <ul style="list-style-type: none"> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul>                                                   |                                                                                                                                                                                                                                                                                                             |
|  | <b>Services</b>                                         |   |                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                             |
|  | S13: Education,                                         | • | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                 | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> <li></li> </ul>                                                                                              |
|  | S11: Professional, Scientific and Technical activities, | • | <ul style="list-style-type: none"> <li>Making remote work IT infrastructure (cloud space, Software as a Service and Secure Open Source Software) at low/no cost available by MSDE can help informal entrepreneurs venture into effectivity and possibly formalization</li> </ul>                                                                                        | <ul style="list-style-type: none"> <li>Provision of animal health care and control activities for farm animals or pet animals</li> <li>Processing motion picture film related to the motion picture and television industries</li> <li>Basics of Accounting, bookkeeping and auditing activities</li> </ul> |
|  | S14: Human Health and Social work,                      | • | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a</li> </ul> | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul>                                                                          |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                   |                                                                                                                                   | <p>paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</p> <ul style="list-style-type: none"> <li>• Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> |                                                                                                                                                                                                                                                                                                                                                     |
| <p><b>BIHAR</b></p> <p>Policy Name: Bihar Startup Policy 2017<sup>159</sup><br/>(Nodal Agency: Department of Industries)</p> <p>Incentives</p> <p>For Startups</p> <ul style="list-style-type: none"> <li>• Self-Certification</li> <li>• Market Preference to Startup</li> <li>• Reserved and Free of cost space</li> <li>• Seed Grant at validation Stage</li> <li>• Valuation services at commercialization stage</li> </ul> | <b>Manufacturing</b>                              |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                 | M19: Manufacture of electrical equipment,         | <ul style="list-style-type: none"> <li>• Bihar Electric Traders Association</li> </ul>                                            | <ul style="list-style-type: none"> <li>• Promotion of entrepreneurs to further the existing and new franchises<sup>160</sup> of various electrical appliances and explore parts of electric vehicles (EVs) as a new business vista (including the business of batteries and spares for EVs)</li> </ul>                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>• Re-winding</li> <li>• Rigging</li> <li>• Welding</li> <li>• Machining</li> <li>• Lathe working</li> </ul>                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                 | M14: Manufacture of rubber and plastics products, | <ul style="list-style-type: none"> <li>• Rubber Board, Ministry of Commerce and Industry, Govt. of India<sup>161</sup></li> </ul> | <ul style="list-style-type: none"> <li>• Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul>                                                                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>• Manufacture of rubber tyres and tubes for motor vehicles, motorcycles, scooters, three-wheelers, tractors and aircraft</li> <li>• Manufacture of rubber tyres and tubes for cycles and cycle-rickshaws</li> <li>• Retreading of tyres; replacing or rebuilding of tread on used pneumatic tyres</li> </ul> |

<sup>159</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Bihar-state-policy.html>

<sup>160</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_profile\\_16-17/STATE%20INDUSTRIAL%20PROFILE\\_himanchal.pdf](http://dcmsme.gov.in/dips/state_wise_profile_16-17/STATE%20INDUSTRIAL%20PROFILE_himanchal.pdf)

<sup>161</sup> <http://www.rbegp.in/RUBI/LicensingReportsInIndex.do?licensetypepk=1&statepk=0&districtpk=0>



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| <ul style="list-style-type: none"> <li>• Success Fee for Fundraising</li> <li>• Matching Loan</li> <li>• Zero Patent Filing Cost</li> <li>• Incentives for Women/SC/ST/Differently Abled</li> </ul> <p>For Incubators</p> <ul style="list-style-type: none"> <li>• Incubation Cost Reimbursement</li> <li>• Incentive for Successful Fundraising of Incubatee</li> <li>• Grant For Promoting Technology Based (IPR) Startups</li> <li>• Grant For Promoting Social Sector Startups</li> <li>• Matching Grant</li> </ul> <p>For Funding Support</p> <ul style="list-style-type: none"> <li>• State Contribution in a Fund: The Trust may participate in SEBI registered AIFs (Alternate Investment Funds) and Venture Capital Funds, upto 25% as Limited Partner. The so created Venture Capital Fund shall invest at least 50% (i.e. equal to twice the contribution made by trust in the VC Fund) into Bihar based Startups.</li> </ul> |                              |                                                                                          |                                                                                                                                                                          | <ul style="list-style-type: none"> <li>• Manufacture of rubber plates, sheets, strips, rods, tubes, pipes, hoses and profile -shapes etc.</li> <li>• Manufacture of rubber conveyors or transmission belts or belting</li> <li>• Manufacture of rubber contraceptives</li> <li>• Manufacture of rubber balloons</li> <li>• Manufacture of semi-finished plastic products (plastic plates, sheets, blocks, film, foil, strip etc.)</li> <li>• Manufacture of tableware, kitchenware and other household articles and toilet articles of plastic, including manufacture of vacuum flasks and other vacuum vessels</li> <li>• Manufacture of plastic articles for the packing of goods (plastic bags, sacks, containers, boxes, cases, carboys, bottles etc.)</li> <li>• Manufacture of bathing tubs, wash-basins, lavatory pans and covers, flushing cisterns and similar sanitary-ware of plastics</li> <li>• Manufacture of travel goods of plastics (suitcase, vanity bags, holdalls and similar articles)</li> <li>• Manufacture of spectacle frames of plastic</li> <li>• Manufacture of moulded industrial accessories of plastics</li> <li>• Manufacture of polymer/ synthetic / PVC water storage tanks</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M5: Manufacture of textiles, | <ul style="list-style-type: none"> <li>• The Textile Association Delhi, India</li> </ul> | <ul style="list-style-type: none"> <li>• Govt. policy push can focus on upgradation/creation of textile Clusters, with a focus on welfare schemes for weavers</li> </ul> | <ul style="list-style-type: none"> <li>• Preparation and spinning of textile fibres</li> <li>• Weaving of textiles</li> <li>• Finishing of textiles</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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|  |                                        | <ul style="list-style-type: none"> <li>Indian Technical Textile Association</li> </ul>                                             | <ul style="list-style-type: none"> <li>Enabling informal and small firms to move into value-added products; improvement in design and product quality.</li> <li>Reducing lead time in product making by entering into logistics partnerships</li> <li>A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value recognition</li> </ul> | <ul style="list-style-type: none"> <li>Manufacture of knitted and crocheted fabrics</li> <li>Manufacture of made-up textile articles, except apparel</li> <li>Manufacture of carpets and rugs</li> <li>Manufacture of cordage, rope, twine and netting</li> <li>Manufacture of other textiles</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  | M6:<br>Manufacture of wearing apparel, | <ul style="list-style-type: none"> <li>Search Results</li> <li>Web results</li> <li></li> <li>Bihar Garment Association</li> </ul> | <ul style="list-style-type: none"> <li>Growing number of Indian start-ups are making a mark with their ethnic labels</li> <li>Informal units manufacturing wearing apparel can be funded and mentored to either start their own ethnic label or could supply their produce to existing ethnic labels</li> </ul>                                                                                                                                   | <ul style="list-style-type: none"> <li>Manufacture of all types of textile garments and clothing accessories</li> <li>Manufacture of rain coats of waterproof textile fabrics or plastic sheetings</li> <li>Manufacture of hats, caps and other clothing accessories such gloves, belts, ties, cravats, hairnets etc.</li> <li>Manufacture of wearing appare made of leather and substitutes leather</li> <li>Custom tailoring</li> <li>Manufacture of articles of fur</li> <li>Manufacture of knitted or crocheted wearing apparel and other made-up articles directly into shape (pullovers, cardigans jerseys, waistcoats and similar articles)</li> <li>Manufacture of other knitted a crocheted apparel includi hosiery</li> </ul> |
|  | Trade                                  |                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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|  | T3: Other wholesale trade,         | <ul style="list-style-type: none"> <li>MSME-DI</li> </ul>                                                | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                     |
|  | T4: Other retail trade,            | <ul style="list-style-type: none"> <li>Retailers Association Of India</li> </ul>                         | <ul style="list-style-type: none"> <li>The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                     |
|  | <b>Services</b>                    |                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                    |
|  | S14: Human Health and Social work, | <ul style="list-style-type: none"> <li>State Society for Ultra Poor and Social Welfare-SSUPSW</li> </ul> | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical</li> </ul>                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |

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|  |                                 |                                                                                                                                                 | <p>procedures. This help in entrepreneurs leveraging these skills for offering relevant services</p> <ul style="list-style-type: none"> <li>• Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul>                                                               |                                                                                                                                                                                                                                                   |
|  | S9: Other financial activities, | <ul style="list-style-type: none"> <li>• Moneylenders</li> <li>• Stockbrokers</li> <li>• share brokers</li> <li>• dealers in bullion</li> </ul> | <ul style="list-style-type: none"> <li>• Digital Inclusion can drive financial inclusion in the informal sector and the entrepreneurs working in this sector can do using financial technology tools and platforms.</li> <li>• Adequate training and partnership opportunities should be given to entrepreneurs working in this sector for upgrading their technological acumen w.r.t fintech and also their business acumen for acting as an enabler/partner in the existing fintech ecosystem</li> </ul> | <ul style="list-style-type: none"> <li>• Activities auxiliary to insurance and pension funding,</li> <li>• Insurance and reinsurance policies</li> <li>• Understanding of Digital Payments</li> </ul>                                             |
|  | S1: Accommodation,              | <ul style="list-style-type: none"> <li>• District Tourism Promotion Council</li> <li>• State level Tourism Development Corporation</li> </ul>   | <ul style="list-style-type: none"> <li>• Entrepreneurs can be trained to offer/market ancillary products/services which are of local produce to the tourists who visit the state. This co-selling would help in generating profits for a larger chunk of units from the same clientele</li> <li>• State level tourism development corporation portals/e-</li> </ul>                                                                                                                                        | <ul style="list-style-type: none"> <li>• Knowledge &amp; Understanding Provision of short stay accommodation</li> <li>• Knowledge &amp; Understanding Provision of accommodation mountain shelters</li> <li>• Knowledge of Hospitality</li> </ul> |

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        |                                                                                                                 | infrastructure can also be used to list and market local homestay at a fixed commission to the Tourism Development corporations                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p><b>SIKKIM</b></p> <p>Policy Name: Chief Minister's Startup Scheme (CMSS)<sup>162</sup>, a credit linked promoter's contribution financial assistance scheme has been introduced.</p> <p><b>Incentives</b></p> <p>The Chief Minister's Start-up Scheme 2017 aims to provide for promoter's financial contribution assistance component of 25% (35% in case of conditional nonmanufacturing sector projects) of the projects cost in for the ventures entailing total investment up to INR 20 lakhs</p> | <b>Manufacturing</b>                   |                                                                                                                 |                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M2:<br>Manufacture of food products,   | <ul style="list-style-type: none"> <li>All India Food Processors' Association</li> </ul>                        | <ul style="list-style-type: none"> <li>Augmentation of cold storage supply chain for transport in other parts of country is a major need</li> <li>Platform partner and market connect required for the food produce activities that are abundant in state</li> <li>Skills development in Food Safety</li> </ul> | <ul style="list-style-type: none"> <li>Processing and preserving of meat</li> <li>Processing and preserving of fish, crustaceans and molluscs and products</li> <li>Processing and preserving of fruits and vegetables</li> <li>Manufacture of vegetable and animal oils and fats</li> <li>Manufacture of dairy products</li> <li>Manufacture of grain mill products, starches and starch products</li> <li>Manufacture of other food products</li> <li>Manufacture of prepared animal feeds</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M6:<br>Manufacture of wearing apparel, | <ul style="list-style-type: none"> <li>Directorate Of Handicrafts And Handloom, Government Of Sikkim</li> </ul> | <ul style="list-style-type: none"> <li>Growing number of Indian start-ups are making a mark with their ethnic labels</li> <li>Informal units manufacturing wearing apparel can be funded and mentored to either start their own ethnic label or could supply their produce to existing ethnic labels</li> </ul> | <ul style="list-style-type: none"> <li>Manufacture of all types of textile garments and clothing accessories</li> <li>Manufacture of rain coats of waterproof textile fabrics or plastic sheetings</li> <li>Manufacture of hats, caps and other clothing accessories such as gloves, belts, ties, cravats, hairnets etc.</li> <li>Manufacture of wearing apparel made of leather and substitutes leather</li> </ul>                                                                                     |

<sup>162</sup> [https://www.startupindia.gov.in/content/dam/invest-india/compendium/Startup%20India%20-%20State%20report\\_Sikkim.pdf#:~:text=Startup%20Policy%20The%20Department%20of,and%20urban%20areas%20of%20the](https://www.startupindia.gov.in/content/dam/invest-india/compendium/Startup%20India%20-%20State%20report_Sikkim.pdf#:~:text=Startup%20Policy%20The%20Department%20of,and%20urban%20areas%20of%20the)

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|  |                                                   |                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>○ Custom tailoring</li> <li>○ Manufacture of articles of fur</li> <li>○ Manufacture of knitted or crocheted wearing apparel and other made-up articles directly into shape (pullovers, cardigans, jerseys, waistcoats and similar articles)</li> <li>○ Manufacture of other knitted and crocheted apparel including hosiery</li> </ul>                          |
|  | M10: Printing and reproduction of recorded media, | <ul style="list-style-type: none"> <li>• Press Club of Sikkim</li> </ul> | <ul style="list-style-type: none"> <li>• This is an opportunity sector wherein informal entrepreneurs if trained skill wise and also platform (such as Youtube /Medium ) onboarding wise can create enterprises that are both formal and lean</li> </ul>                                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>• Printing</li> <li>• Engraving, etching and block making etc.</li> <li>• Book and other similar sheet binding on account of others</li> <li>• Reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings, motion pictures and other video recordings, software and data on discs and tapes</li> </ul> |
|  | M24: Other manufacturing,                         | <ul style="list-style-type: none"> <li>• DIC</li> </ul>                  | <ul style="list-style-type: none"> <li>• Development of competitive market orientation of micro sized cluster units vis-a-vis large retailers who are eating into margins of micro-sized players. This can be achieved with a combination of skill training and apprenticeship in the retail/export sector in person and /or virtually</li> <li>• A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value</li> </ul> | <ul style="list-style-type: none"> <li>• Welding</li> <li>• Cutting</li> <li>• Machining</li> <li>• Tool Operation</li> </ul>                                                                                                                                                                                                                                                                          |

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|  |                                                          |                                                                                                    | recognition. This also help entrepreneurs of Sikkim to differentiate and gauge changing customer demands                                                                                                                                                                                                    |                                                                                                                                                                                                                                     |
|  | <b>Trade</b>                                             |                                                                                                    |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                     |
|  | T1: Trade and repair of motor vehicles and motor cycles, | <ul style="list-style-type: none"> <li>All Sikkim luxury vehicle association</li> </ul>            | <ul style="list-style-type: none"> <li>Facilitation of collaboration of auto repair entrepreneurs with aggregation platforms such as CarMechanic and others</li> <li>A push for motor repair certifications can lead to quality and competitiveness augmentation of this sub sector in the state</li> </ul> | <ul style="list-style-type: none"> <li>Engine overhaul &amp; servicing</li> <li>Tool operation</li> <li>Accounting</li> </ul>                                                                                                       |
|  | T3: Other wholesale trade,                               | <ul style="list-style-type: none"> <li>MSME-DI</li> </ul>                                          | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                   | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                      |
|  | <b>Services</b>                                          |                                                                                                    |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                     |
|  | S13: Education,                                          | <ul style="list-style-type: none"> <li>State Department of Education</li> </ul>                    | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>     | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul>                                |
|  | S14: Human Health and Social work,                       | <ul style="list-style-type: none"> <li>Professional Social Worker Association of Sikkim</li> </ul> | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> </ul>                                           | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other para medical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |

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|                                                                                          |                              |                                                                                                                                               | <ul style="list-style-type: none"> <li>• Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>• Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> |                                                                                                                                                                                                                                                   |
|                                                                                          | S1: Accommodation,           | <ul style="list-style-type: none"> <li>• District Tourism Promotion Council</li> <li>• State level Tourism Development Corporation</li> </ul> | <ul style="list-style-type: none"> <li>• Entrepreneurs can be trained to offer/market ancillary products/services which are of local produce to the tourists who visit the state. This co-selling would help in generating profits for a larger chunk of units from the same clientele</li> <li>• State level tourism development corporation portals/e-infrastructure can also be used to list and market local homestay at a fixed commission to the Tourism Development corporations</li> </ul>                                                                                                            | <ul style="list-style-type: none"> <li>• Knowledge &amp; Understanding Provision of short stay accommodation</li> <li>• Knowledge &amp; Understanding Provision of accommodation mountain shelters</li> <li>• Knowledge of Hospitality</li> </ul> |
| <b>ARUNACHAL PRADESH</b><br><br>To catalyse the startup ecosystem the state is currently | <b>Manufacturing</b>         |                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                   |
|                                                                                          | M5: Manufacture of textiles, | <ul style="list-style-type: none"> <li>• The Textile Association Delhi, India</li> <li>• Indian Technical Textile Association</li> </ul>      | <ul style="list-style-type: none"> <li>• Govt. policy push can focus on upgradation/creation of textile Clusters, with a focus on welfare</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>• Preparation and spinning of textile fibres</li> <li>• Weaving of textiles</li> <li>• Finishing of textiles</li> </ul>                                                                                    |



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| working on a state startup policy framework <sup>163</sup> . |                                                                                                                                   |   | <p>schemes for weaver turned entrepreneurs</p> <ul style="list-style-type: none"> <li>• Enabling informal and small firms to move into value-added products; improvement in design and product quality.</li> <li>• Reducing lead time in product making by entering into logistics partnerships</li> <li>• A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value recognition</li> </ul> | <ul style="list-style-type: none"> <li>• Manufacture of knitted and crocheted fabrics</li> <li>• Manufacture of made-up textile articles, except apparel</li> <li>• Manufacture of carpets and rugs</li> <li>• Manufacture of cordage, rope, twine and netting</li> <li>• Manufacture of other textiles</li> </ul>                                                                                                                                                                                                                                                                                                              |
|                                                              | M8: Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials, | - | <ul style="list-style-type: none"> <li>• In light of sustainability and mitigation of carbon footprints informal entrepreneurs working in this sector can be trained to Upcycle and Recycle wood and wood based products. These products when combined with green marketing efforts can help enterprise prospects for the informal entrepreneurs</li> </ul>                                                                                                                                            | <ul style="list-style-type: none"> <li>• Sawing and planing of wood</li> <li>• Manufacture of unassembled wooden flooring including parquet flooring</li> <li>• Manufacture of wooden railway sleepers</li> <li>• Activities related to saw milling and planing of wood</li> <li>• Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and board</li> <li>• Manufacture of builders' carpentry and joinery</li> <li>• Manufacture of wooden containers</li> <li>• Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials</li> </ul> |

<sup>163</sup> <https://inc42.com/features/with-social-entrepreneurship-meet-arunachal-pradesh-looks-to-shape-the-states-startup-policy/#:~:text=The%20state%20is%20currently%20working,to%20catalyse%20the%20startup%20ecosystem.>

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|  | M24: Other manufacturing,         | <ul style="list-style-type: none"> <li>DIC</li> </ul>                                    | <ul style="list-style-type: none"> <li>Development of competitive market orientation of micro sized cluster units vis-a-vis large retailers who are eating into margins of micro-sized players. This can achieved with a combination of skill training and apprenticeship in the retail/export sector in person and /or virtually</li> <li>A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value recognition. This would also help entrepreneurs of Arunachal Pradesh to differentiate and gauge changing customer demands</li> </ul> | <ul style="list-style-type: none"> <li>Welding</li> <li>Cutting</li> <li>Machining</li> <li>Tool Operation</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                   |
|  | M2: Manufacture of food products, | <ul style="list-style-type: none"> <li>All India Food Processors' Association</li> </ul> | <ul style="list-style-type: none"> <li>Augmentation of cold storage supply chain for transport in other parts of country is a major need</li> <li>Platform partner and market connect required for the food produce activities that are abundant in state</li> <li>Skills development in Food Safety</li> </ul>                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li>Processing and preserving of meat</li> <li>Processing and preserving of fish, crustaceans and molluscs and products</li> <li>Processing and preserving of fruits and vegetables</li> <li>Manufacture of vegetable and animal oils and fats</li> <li>Manufacture of dairy products</li> <li>Manufacture of grain mill products, starches and starch products</li> <li>Manufacture of other food products</li> <li>Manufacture of prepared animal feeds</li> </ul> |
|  | Trade                             |                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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|  | T1: Trade and repair of motor vehicles and motor cycles, | <ul style="list-style-type: none"> <li>State Transport Authority</li> </ul>                   | <ul style="list-style-type: none"> <li>Facilitation of collaboration of auto repair entrepreneurs with aggregation platforms such as CarMechanic and others</li> <li>A push for motor repair certifications can lead to quality and competitiveness augmentation of this sub sector in the state</li> </ul>                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>Engine overhaul &amp; servicing</li> <li>Tool operation</li> <li>Accounting</li> </ul>                                                                                                       |
|  | T4: Other retail trade,                                  | <ul style="list-style-type: none"> <li>Retailers Association Of India</li> </ul>              | <ul style="list-style-type: none"> <li>The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                      |
|  | <b>Services</b>                                          |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                     |
|  | S14: Human Health and Social work,                       | <ul style="list-style-type: none"> <li>Rajiv Gandhi University Social Work Courses</li> </ul> | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a</li> </ul>                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other para medical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |

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|  |                    |                                                                                                                                               | <p>paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</p> <ul style="list-style-type: none"> <li>• Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> |                                                                                                                                                                                                                                                   |
|  | S13: Education,    | <ul style="list-style-type: none"> <li>• ALL ARUNACHAL "SSA" TEACHERS' ASSOCIATION</li> </ul>                                                 | <ul style="list-style-type: none"> <li>• Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>• Primary education,</li> <li>• Technical and vocational secondary education,</li> <li>• Other education (n.e.c.),</li> <li>• Educational support services</li> </ul>                                      |
|  | S1: Accommodation, | <ul style="list-style-type: none"> <li>• District Tourism Promotion Council</li> <li>• State level Tourism Development Corporation</li> </ul> | <ul style="list-style-type: none"> <li>• Entrepreneurs can be trained to offer/market ancillary products/services which are of local produce to the tourists who visit the state. This co-selling would help in generating profits for a larger chunk of units from the same clientele</li> <li>• State level tourism development corporation portals/e-infrastructure can also be used to list and market local homestay at a fixed commission to the</li> </ul>                                            | <ul style="list-style-type: none"> <li>• Knowledge &amp; Understanding Provision of short stay accommodation</li> <li>• Knowledge &amp; Understanding Provision of accommodation mountain shelters</li> <li>• Knowledge of Hospitality</li> </ul> |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                          |                                                       | Tourism Development corporations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| <p><b>NAGALAND</b></p> <p>Policy Name: Nagaland Startup Policy 2019<sup>164</sup></p> <p>(Nodal Agency: Department of Industries &amp; Commerce, Government of Nagaland)</p> <p>Incentives</p> <p>For Startups</p> <ul style="list-style-type: none"> <li>Stamp Duty Reimbursement</li> <li>GST Reimbursement</li> <li>Digital Upgradation Subsidy</li> <li>Broadband Connectivity Reimbursement</li> <li>Power Subsidy</li> <li>Reimbursement of Patent Filing Cost</li> <li>Market &amp; Promotion Assistance</li> <li>Procurement by the State Government</li> </ul> | <b>Manufacturing</b>                                     |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | M15: Manufacture of other non-metallic mineral products, | -                                                     | <ul style="list-style-type: none"> <li>Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>Dedicated point of contacts for quality checks and environment impact mitigation</li> <li>Knowledge augmentation about product diversification</li> <li>Exploration of Export opportunities</li> </ul>                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>Manufacture of glass and glass products</li> <li>Manufacture of refractory products</li> <li>Manufacture of clay building materials</li> <li>Manufacture of other porcelain and ceramic products</li> <li>Manufacture of cement, lime and plaster</li> <li>Manufacture of articles of concrete, cement and plaster</li> <li>Cutting, shaping and finishing of stone</li> <li>Manufacture of other non-metallic mineral products</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | M24: Other manufacturing,                                | <ul style="list-style-type: none"> <li>DIC</li> </ul> | <ul style="list-style-type: none"> <li>Development of competitive market orientation of micro sized cluster units vis-a-vis large retailers who are eating into margins of micro-sized players. This can be achieved with a combination of skill training and apprenticeship in the retail/export sector in person and /or virtually</li> <li>A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value recognition. This would also help entrepreneurs of Nagaland to</li> </ul> | <ul style="list-style-type: none"> <li>Welding</li> <li>Cutting</li> <li>Machining</li> <li>Tool Operation</li> </ul>                                                                                                                                                                                                                                                                                                                                                             |

<sup>164</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Nagaland-state-startup-policy.html>

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|  |                                                   |                                                                                   | differentiate and gauge changing customer demands                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | M6: Manufacture of wearing apparel,               | <ul style="list-style-type: none"> <li>Nagaland Designers' Association</li> </ul> | <ul style="list-style-type: none"> <li>Growing number of Indian start-ups are making a mark with their ethnic labels</li> <li>Informal units manufacturing wearing apparel can be funded and mentored to either start their own ethnic label or could supply their produce to existing ethnic labels</li> </ul> | <ul style="list-style-type: none"> <li>Manufacture of all types of textile garments and clothing accessories</li> <li>Manufacture of rain coats of waterproof textile fabrics or plastic sheetings</li> <li>Manufacture of hats, caps and other clothing accessories such as gloves, belts, ties, cravats, hairnets etc.</li> <li>Manufacture of wearing apparel made of leather and substitutes leather</li> <li>Custom tailoring</li> <li>Manufacture of articles of fur</li> <li>Manufacture of knitted or crocheted wearing apparel and other made-up articles directly into shape (pullovers, cardigans, jerseys, waistcoats and similar articles)</li> <li>Manufacture of other knitted and crocheted apparel including hosiery</li> </ul> |
|  | M10: Printing and reproduction of recorded media, | <ul style="list-style-type: none"> <li>Nagaland Press Association</li> </ul>      | <ul style="list-style-type: none"> <li>This is an opportunity sector wherein informal entrepreneurs if trained skill wise and also platform (such as Youtube /Medium ) onboarding wise can create enterprises that are both formal and lean</li> </ul>                                                          | <ul style="list-style-type: none"> <li>Printing</li> <li>Engraving, etching and block making etc.</li> <li>Book and other similar sheet binding on account of others</li> <li>Reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings, motion pictures and other video recordings, software and data on discs and tapes</li> </ul>                                                                                                                                                                                                                                                                                                                                                   |
|  | Trade                                             |                                                                                   |                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|  | T3: Other wholesale trade, | <ul style="list-style-type: none"> <li>MSME-DI</li> </ul>                              | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                       |
|  | T4: Other retail trade,    | <ul style="list-style-type: none"> <li>Retailers Association Of India</li> </ul>       | <ul style="list-style-type: none"> <li>The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                       |
|  | <b>Services</b>            |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                      |
|  | S13: Education,            | <ul style="list-style-type: none"> <li>Nagaland Education Association (NEA)</li> </ul> | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul> |
|  | S1: Accommodation,         | <ul style="list-style-type: none"> <li>District Tourism Promotion Council</li> </ul>   | <ul style="list-style-type: none"> <li>Entrepreneurs can be trained to offer/market ancillary products/services which are of</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>Knowledge &amp; Understanding</li> <li>Provision of short stay accommodation</li> </ul>                                                                       |

|         |                                    |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |
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|         |                                    | <ul style="list-style-type: none"> <li>State level Tourism Development Corporation</li> </ul> | <p>local produce to the tourists who visit the state. This co-selling would help in generating profits for a larger chunk of units from the same clientele</p> <ul style="list-style-type: none"> <li>State level tourism development corporation portals/e-infrastructure can also be used to list and market local homestay at a fixed commission to the Tourism Development corporations</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>Knowledge &amp; Understanding</li> <li>Provision of accommodation mountain shelters</li> <li>Knowledge of Hospitality</li> </ul>                                                            |
|         | S14: Human Health and Social work, | <ul style="list-style-type: none"> <li>Development Association Of Nagaland</li> </ul>         | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |
| MANIPUR | Manufacturing                      |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |



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| <p>Policy Name: Manipur Startup Policy 2016<sup>165</sup></p> <p>(Nodal Agency: Planning Department, Govt. of Manipur)</p> <p>Incentives</p> <p>For Startups</p> <ul style="list-style-type: none"> <li>• Network of Entrepreneurship Development Centers</li> <li>• Business Incubators</li> <li>• Product/Prototype Development</li> <li>• Market</li> </ul> <p>Eligibility</p> <ul style="list-style-type: none"> <li>• A domicile of Manipur by birth</li> <li>• Any individual/group of individuals having innovative idea/concept</li> <li>• Students of NEDC Institutes</li> </ul> | <p>M15:<br/>Manufacture of other non-metallic mineral products,</p> | -                                                                                          | <ul style="list-style-type: none"> <li>• Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>• Dedicated point of contacts for quality checks and environment impact mitigation</li> <li>• Knowledge augmentation about product diversification</li> <li>• Exploration of Export opportunities</li> </ul> | <ul style="list-style-type: none"> <li>• Manufacture of glass and glass products</li> <li>• Manufacture of refractory products</li> <li>• Manufacture of clay building materials</li> <li>• Manufacture of other porcelain and ceramic products</li> <li>• Manufacture of cement, lime and plaster</li> <li>• Manufacture of articles of concrete, cement and plaster</li> <li>• Cutting, shaping and finishing of stone</li> <li>• Manufacture of other non-metallic mineral products</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>M23:<br/>Manufacture of furniture,</p>                           | -                                                                                          | <ul style="list-style-type: none"> <li>• Support in terms of logistics and enlisting of products of entrepreneur on online aggregator platforms to fetch a fair value</li> </ul>                                                                                                                                                                   | <ul style="list-style-type: none"> <li>• Power tool operation</li> <li>• Sanding</li> <li>• Sawing</li> <li>• Woodworking</li> <li>• Carpentry</li> </ul>                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>M2:<br/>Manufacture of food products,</p>                        | <ul style="list-style-type: none"> <li>• All India Food Processors' Association</li> </ul> | <ul style="list-style-type: none"> <li>• Augmentation of cold storage supply chain for transport in other parts of country is a major need</li> <li>• Platform partner and market connect required for the food produce activities that are abundant in state</li> <li>• Skills development in Food Safety</li> </ul>                              | <ul style="list-style-type: none"> <li>• Processing and preserving of meat</li> <li>• Processing and preserving of fish, crustaceans and molluscs and products</li> <li>• Processing and preserving of fruits and vegetables</li> <li>• Manufacture of vegetable and animal oils and fats</li> <li>• Manufacture of dairy products</li> <li>• Manufacture of grain mill products, starches and starch products</li> </ul>                                                                         |

<sup>165</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Manipur-state-policy.html>

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|  |                                                                                                                                          |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>• Manufacture of other food products</li> <li>• Manufacture of prepared animal feeds</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|  | <p>M8: Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials,</p> | <ul style="list-style-type: none"> <li>• All Manipur Entrepreneurs' Association (AMEA)</li> </ul> | <ul style="list-style-type: none"> <li>• In light of sustainability and mitigation of carbon footprints informal entrepreneurs working in this sector can be trained to Upcycle and Recycle wood and wood based products. These products when combined with green marketing efforts can help enterprise prospects for the informal entrepreneurs</li> </ul>                                                                                                    | <ul style="list-style-type: none"> <li>• Sawing and planing of wood</li> <li>• Manufacture of unassembled wooden flooring including parquet flooring</li> <li>• Manufacture of wooden railway sleepers</li> <li>• Activities related to saw milling and planing of wood</li> <li>• Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and board</li> <li>• Manufacture of builders' carpentry and joinery</li> <li>• Manufacture of wooden containers</li> <li>• Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials</li> </ul> |
|  | <p><b>Trade</b></p> <p>T2: Activities of commission agents,</p>                                                                          | -                                                                                                 | <ul style="list-style-type: none"> <li>• Most agents depend on learning on the job and a structured training for commission agents is much required with a focus on economics and business of emerging two and multi-sided online platform. Specifically, training is required with a focus on quick thinking, good verbal communication, the ability to barter, strong interpersonal skills, networking ability and a basic understanding of math,</li> </ul> | <ul style="list-style-type: none"> <li>• Negotiation</li> <li>• Communication</li> <li>• Accounting</li> <li>• Computer operation</li> <li>• Ethics</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|  |                                    |                                                             | <p>economics, markets and related law.</p> <ul style="list-style-type: none"> <li>• Incentive should be given to commissions agents for directing the producer to authorized sources of finance and capital (to protect producers from informal and high cost debt)</li> </ul>                                                                                                                                                                                                                      |                                                                                                                                                                                                                                        |
|  | T3: Other wholesale trade,         | <ul style="list-style-type: none"> <li>• MSME-DI</li> </ul> | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                               |
|  | <b>Services</b>                    |                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                        |
|  | S13: Education,                    | <ul style="list-style-type: none"> <li>•</li> </ul>         | <ul style="list-style-type: none"> <li>• Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>• Primary education,</li> <li>• Technical and vocational secondary education,</li> <li>• Other education (n.e.c.),</li> <li>• Educational support services</li> </ul>                           |
|  | S14: Human Health and Social work, | <ul style="list-style-type: none"> <li>•</li> </ul>         | <ul style="list-style-type: none"> <li>• NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>• Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these</li> </ul> | <ul style="list-style-type: none"> <li>• Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>• Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                       |                                     |   | skills for offering relevant services <ul style="list-style-type: none"> <li>• Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                       | S7:Information and Communication,   | • | <ul style="list-style-type: none"> <li>• Technical and vocational training that is at the cusp of ICT and SDG will help train people in setting up of units of their own</li> </ul>                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>• News agency activities (news syndicate and news agency activities furnishing news, pictures and features to the media),</li> <li>• Telephone based information services</li> </ul>                                                                                                                                                                                                                                                                                                                                      |
| <b>MIZORAM</b><br><br>Policy Name: Mizoram Entrepreneurship & Startup Policy, 2019 <sup>166</sup><br><br>Nodal Committee: Mizoram State Entrepreneurship Development & Monitoring Committee (MEDMOC)<br><br>Support Provided: <ul style="list-style-type: none"> <li>• Awareness, Outreach &amp; Events</li> <li>• Skilling &amp; Training</li> <li>• Institution Building</li> </ul> | <b>Manufacturing</b>                |   |                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                       | M6: Manufacture of wearing apparel, | - | <ul style="list-style-type: none"> <li>○ Growing number of Indian start-ups are making a mark with their ethnic labels</li> <li>○ Informal units manufacturing wearing apparel can be funded and mentored to either start their own ethnic label or could supply their produce to existing ethnic labels</li> </ul>                                                           | <ul style="list-style-type: none"> <li>○ Manufacture of all types of textile garments and clothing accessories</li> <li>○ Manufacture of rain coats of waterproof textile fabrics or plastic sheetings</li> <li>○ Manufacture of hats, caps and other clothing accessories such gloves, belts, ties, cravats, hairnets etc.</li> <li>○ Manufacture of wearing appare made of leather and substitutes leather</li> <li>○ Custom tailoring</li> <li>○ Manufacture of articles of fur</li> <li>○ Manufacture of knitted or crocheted wearing apparel and</li> </ul> |

<sup>166</sup> <https://edc.mizoram.gov.in/uploads/attachments/73cd202949c82bf5fce6705cdc604772/mizoram-entrepreneurship-statup-policy-2019.pdf>

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| <ul style="list-style-type: none"> <li>Micro Finance</li> </ul> |                                                             |                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>other made-up articles directly into shape (pullovers, cardigans, jerseys, waistcoats and similar articles)</p> <ul style="list-style-type: none"> <li>Manufacture of other knitted and crocheted apparel including hosiery</li> </ul>                                                                                                                                                                                |
|                                                                 | M5:<br>Manufacture of textiles,                             | <ul style="list-style-type: none"> <li>Indian Technical Textile Association</li> </ul> | <ul style="list-style-type: none"> <li>Govt. policy push can focus on upgradation/creation of textile Clusters, with a focus on welfare schemes for weaver turned entrepreneurs</li> <li>Enabling informal and small firms to move into value-added products; improvement in design and product quality.</li> <li>Reducing lead time in product making by entering into logistics partnerships</li> <li>A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value recognition</li> </ul> | <ul style="list-style-type: none"> <li>Preparation and spinning of textile fibres</li> <li>Weaving of textiles</li> <li>Finishing of textiles</li> <li>Manufacture of knitted and crocheted fabrics</li> <li>Manufacture of made-up textile articles, except apparel</li> <li>Manufacture of carpets and rugs</li> <li>Manufacture of cordage, rope, twine and netting</li> <li>Manufacture of other textiles</li> </ul> |
|                                                                 | M15:<br>Manufacture of other non-metallic mineral products, | -                                                                                      | <ul style="list-style-type: none"> <li>Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>Dedicated point of contacts for quality checks and environment impact mitigation</li> <li>Knowledge augmentation about product diversification</li> <li>Exploration of Export opportunities</li> </ul>                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>Manufacture of glass and glass products</li> <li>Manufacture of refractory products</li> <li>Manufacture of clay building materials</li> <li>Manufacture of other porcelain and ceramic products</li> <li>Manufacture of cement, lime and plaster</li> <li>Manufacture of articles of concrete, cement and plaster</li> </ul>                                                     |

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|  |                                                      |                                                                                                                                   |                                                                                                                                                  | <ul style="list-style-type: none"> <li>• Cutting, shaping and finishing of stone</li> <li>• Manufacture of other non-metallic mineral products</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|  | M14:<br>Manufacture of rubber and plastics products, | <ul style="list-style-type: none"> <li>• Rubber Board, Ministry of Commerce and Industry, Govt. of India<sup>167</sup></li> </ul> | <ul style="list-style-type: none"> <li>• Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul> | <ul style="list-style-type: none"> <li>• Manufacture of rubber tyres and tubes for motor vehicles, motorcycles, scooters, three-wheelers, tractors and aircraft</li> <li>• Manufacture of rubber tyres and tubes for cycles and cycle-rickshaws</li> <li>• Retreading of tyres; replacing or rebuilding of tread on used pneumatic tyres</li> <li>• Manufacture of rubber plates, sheets, strips, rods, tubes, pipes, hoses and profile -shapes etc.</li> <li>• Manufacture of rubber conveyors or transmission belts or belting</li> <li>• Manufacture of rubber contraceptives</li> <li>• Manufacture of rubber balloons</li> <li>• Manufacture of semi-finished plastic products (plastic plates, sheets, blocks, film, foil, strip etc.)</li> <li>• Manufacture of tableware, kitchenware and other household articles and toilet articles of plastic, including manufacture of vacuum flasks and other vacuum vessels</li> <li>• Manufacture of plastic articles for the packing of goods (plastic bags, sacks, containers, boxes, cases, carboys, bottles etc.)</li> <li>• Manufacture of bathing tubs, wash-basins, lavatory pans and</li> </ul> |

<sup>167</sup> <http://www.rbegp.in/RUBI/LicensingReportsInIndex.do?licensetypepk=1&statepk=0&districtpk=0>

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|  |                            |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | covers, flushing cisterns and similar sanitary-ware of plastics <ul style="list-style-type: none"> <li>• Manufacture of travel goods of plastics (suitcase, vanity bags, holdalls and similar articles)</li> <li>• Manufacture of spectacle frames of plastic</li> <li>• Manufacture of moulded industrial accessories of plastics</li> <li>• Manufacture of polymer/ synthetic / PVC water storage tanks</li> </ul> |
|  | <b>Trade</b>               |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  | T3: Other wholesale trade, | <ul style="list-style-type: none"> <li>• MSME-DI</li> </ul>                        | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                                                                                                                                                                                             |
|  | T4: Other retail trade,    | <ul style="list-style-type: none"> <li>• Retailers Association Of India</li> </ul> | <ul style="list-style-type: none"> <li>• The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>• State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>• To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce</li> </ul> | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                                                                                                                                                                                             |

|  |                                    |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |
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|  |                                    |                                                                                           | and mCommerce entrepreneurs can be encouraged and nurtured                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                    |
|  | <b>Services</b>                    |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |
|  | S13: Education,                    | <ul style="list-style-type: none"> <li>Mizoram College Teachers' Association</li> </ul>   | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul>                               |
|  | S14: Human Health and Social work, | <ul style="list-style-type: none"> <li>Mizo Hmeichhe insuihkhawm Pawl, Mizoram</li> </ul> | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |



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|                                                                                                                                                                                                                                                                  | S7:Information and Communication, | <ul style="list-style-type: none"> <li>Department of Information Technology, Mizoram</li> </ul> | <ul style="list-style-type: none"> <li>Technical and vocational training that is at the cusp of ICT and SDG will help train people in setting up of units of their own</li> </ul>                                                                                                                                                               | <ul style="list-style-type: none"> <li>News agency activities (news syndicate and news agency activities furnishing news, pictures and features to the media),</li> <li>Telephone based information services</li> </ul>                                                                                                                                                                                                                                                                                 |
| <b>TRIPURA</b><br><br>An office order appointing Joint Director (MSME), Directorate of Industries & Commerce, as the nodal officer for coordination with the Department of Industrial Policy & Promotion, Government of India has been notified <sup>168</sup> . | <b>Manufacturing</b>              |                                                                                                 |                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                  | M2: Manufacture of food products, | <ul style="list-style-type: none"> <li>All India Food Processors' Association</li> </ul>        | <ul style="list-style-type: none"> <li>Augmentation of cold storage supply chain for transport in other parts of country is a major need</li> <li>Platform partner and market connect required for the food produce activities that are abundant in state</li> <li>Skills development in Food Safety</li> </ul>                                 | <ul style="list-style-type: none"> <li>Processing and preserving of meat</li> <li>Processing and preserving of fish, crustaceans and molluscs and products</li> <li>Processing and preserving of fruits and vegetables</li> <li>Manufacture of vegetable and animal oils and fats</li> <li>Manufacture of dairy products</li> <li>Manufacture of grain mill products, starches and starch products</li> <li>Manufacture of other food products</li> <li>Manufacture of prepared animal feeds</li> </ul> |
|                                                                                                                                                                                                                                                                  | M24: Other manufacturing,         | <ul style="list-style-type: none"> <li>DIC</li> </ul>                                           | <ul style="list-style-type: none"> <li>Development of competitive market orientation of micro sized cluster units vis-a-vis large retailers who are eating into margins of micro-sized players. This can be achieved with a combination of skill training and apprenticeship in the retail/export sector in person and /or virtually</li> </ul> | <ul style="list-style-type: none"> <li>Welding</li> <li>Cutting</li> <li>Machining</li> <li>Tool Operation</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                   |

<sup>168</sup> [https://www.startupindia.gov.in/content/dam/invest-india/compendium/Startup%20India%20-%20State%20report\\_Tripura.pdf](https://www.startupindia.gov.in/content/dam/invest-india/compendium/Startup%20India%20-%20State%20report_Tripura.pdf)

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|  |                                                          |                                                                             | <ul style="list-style-type: none"> <li>A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value recognition. This would also help entrepreneurs of Arunachal Pradesh to differentiate and gauge changing customer demands</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|  | M10: Printing and reproduction of recorded media,        | <ul style="list-style-type: none"> <li>Tripura Media Association</li> </ul> | <ul style="list-style-type: none"> <li>This is an opportunity sector wherein informal entrepreneurs if trained skill wise and also platform (such as Youtube /Medium ) onboarding wise can create enterprises that are both formal and lean</li> </ul>                                                                                           | <ul style="list-style-type: none"> <li>Printing</li> <li>Engraving, etching and block making etc.</li> <li>Book and other similar sheet binding on account of others</li> <li>Reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings, motion pictures and other video recordings, software and data on discs and tapes</li> </ul>                        |
|  | M15: Manufacture of other non-metallic mineral products, | -                                                                           | <ul style="list-style-type: none"> <li>Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>Dedicated point of contacts for quality checks and environment impact mitigation</li> <li>Knowledge augmentation about product diversification</li> <li>Exploration of Export opportunities</li> </ul>       | <ul style="list-style-type: none"> <li>Manufacture of glass and glass products</li> <li>Manufacture of refractory products</li> <li>Manufacture of clay building materials</li> <li>Manufacture of other porcelain and ceramic products</li> <li>Manufacture of cement, lime and plaster</li> <li>Manufacture of articles of concrete, cement and plaster</li> <li>Cutting, shaping and finishing of stone</li> </ul> |

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|  |                                                          |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• Manufacture of other non-metallic mineral products</li> </ul>                                                                   |
|  | <b>Trade</b>                                             |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                          |
|  | T4: Other retail trade,                                  | <ul style="list-style-type: none"> <li>• Retailers Association Of India</li> </ul>                 | <ul style="list-style-type: none"> <li>• The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>• State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>• To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul> |
|  | T1: Trade and repair of motor vehicles and motor cycles, | <ul style="list-style-type: none"> <li>• State Transport Authority</li> </ul>                      | <ul style="list-style-type: none"> <li>• Facilitation of collaboration of auto repair entrepreneurs with aggregation platforms such as CarMechanic and others</li> <li>• A push for motor repair certifications can lead to quality and competitiveness augmentation of this sub sector in the state</li> </ul>                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• Engine overhaul &amp; servicing</li> <li>• Tool operation</li> <li>• Accounting</li> </ul>                                      |
|  | <b>Services</b>                                          |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                          |
|  | S14: Human Health and Social work,                       | <ul style="list-style-type: none"> <li>• Integrated Social Worker Association, Agartala</li> </ul> | <ul style="list-style-type: none"> <li>• NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>• Activities of nurses, masseurs, physiotherapists or other para medical practitioners,</li> </ul>                                |

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|  |                                                         |                                                                                                                                                                          | <p>investment firms that fund initiatives if these entrepreneurs</p> <ul style="list-style-type: none"> <li>• Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>• Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> | <ul style="list-style-type: none"> <li>• Other human health activities (including independent ambulance activities),</li> </ul>                                                                                                              |
|  | S13: Education,                                         | -                                                                                                                                                                        | <ul style="list-style-type: none"> <li>• Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>• Primary education,</li> <li>• Technical and vocational secondary education,</li> <li>• Other education (n.e.c.),</li> <li>• Educational support services</li> </ul>                                 |
|  | S11: Professional, Scientific and Technical activities, | <ul style="list-style-type: none"> <li>• State Council of Educational Research and Training (SCERT) of Government of Tripura</li> <li>• TRCI</li> <li>• TSCST</li> </ul> | <ul style="list-style-type: none"> <li>• Making remote work IT infrastructure (cloud space, Software as a Service and Secure Open Source Software) at low/no cost available by MSDE can help informal entrepreneurs venture into effectivity and possibly formalization</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>• Provision of animal health care and control activities for farm animals or pet animals</li> <li>• Processing motion picture film related to the motion picture and television industries</li> </ul> |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                        |                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>Basics of Accounting, bookkeeping and auditing activities</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p><b>MEGHALAYA</b></p> <p>Policy Name: Meghalaya Start-up Policy<sup>169</sup></p> <p>To promote entrepreneurship and to ensure ease of applying for policy benefits, the State Government will initiate the following steps :</p> <ul style="list-style-type: none"> <li>Start-up portal, Mobile App, Helpline and Dedicated Cell</li> <li>Development of infrastructure</li> <li>The State will encourage Universities/Educational Institutions, which are in existence for at least 5 years and approved by the Startup Council to be eligible to support and mentor innovators. These institutions can utilize the existing facilities or set up new Incubators to create a Startup ecosystem. Such approved institutions will be eligible for a one-time grant of 75 % of capital cost (cost of</li> </ul> | <b>Manufacturing</b>                                                   |                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>M15:</p> <p>Manufacture of other non-metallic mineral products,</p> | <ul style="list-style-type: none"> <li>Department of Mining and Geology, Government of Meghalaya</li> </ul>                     | <ul style="list-style-type: none"> <li>Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>Dedicated point of contacts for quality checks and environment impact mitigation</li> <li>Knowledge augmentation about product diversification</li> <li>Exploration of Export opportunities</li> </ul> | <ul style="list-style-type: none"> <li>Manufacture of glass and glass products</li> <li>Manufacture of refractory products</li> <li>Manufacture of clay building materials</li> <li>Manufacture of other porcelain and ceramic products</li> <li>Manufacture of cement, lime and plaster</li> <li>Manufacture of articles of concrete, cement and plaster</li> <li>Cutting, shaping and finishing of stone</li> <li>Manufacture of other non-metallic mineral products</li> </ul>                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>M14:</p> <p>Manufacture of rubber and plastics products,</p>        | <ul style="list-style-type: none"> <li>Rubber Board, Ministry of Commerce and Industry, Govt. of India<sup>170</sup></li> </ul> | <ul style="list-style-type: none"> <li>Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul>                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>Manufacture of rubber tyres and tubes for motor vehicles, motorcycles, scooters, three-wheelers, tractors and aircraft</li> <li>Manufacture of rubber tyres and tubes for cycles and cycle-rickshaws</li> <li>Retreading of tyres; replacing or rebuilding of tread on used pneumatic tyres</li> <li>Manufacture of rubber plates, sheets, strips, rods, tubes, pipes, hoses and profile -shapes etc.</li> <li>Manufacture of rubber conveyors or transmission belts or belting</li> </ul> |

<sup>169</sup> [https://megindustry.gov.in/policy/Start-Up\\_Policy\\_Meghalaya.pdf](https://megindustry.gov.in/policy/Start-Up_Policy_Meghalaya.pdf)

<sup>170</sup> <http://www.rbegp.in/RUBI/LicensingReportsInIndex.do?licensetypepk=1&statepk=0&districtpk=0>

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| <p>building, equipment, connectivity etc.) up to a maximum of INR 5 crore to set up an Incubator Facility</p> <ul style="list-style-type: none"> <li>Funding <ul style="list-style-type: none"> <li>Angel Network and Social Impact Investor Groups</li> <li>Innovation Fund</li> </ul> </li> <li>Fiscal Incentives: <ul style="list-style-type: none"> <li>GST Reimbursement</li> <li>Stamp Duty Reimbursement</li> <li>Digital Upgradation Subsidy</li> <li>Lease Rental Reimbursement</li> <li>Power subsidy</li> <li>Reimbursement on patent filing cost</li> </ul> </li> <li>Self-Certification and Compliance Incentives <ul style="list-style-type: none"> <li>The Industrial Disputes Act, 1947</li> <li>The Trade Unions Act, 1926</li> <li>The Building and other Constructions Workers (Regulation of</li> </ul> </li> </ul> |                              |                                                                                                                                      |                                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>Manufacture of rubber contraceptives</li> <li>Manufacture of rubber balloons</li> <li>Manufacture of semi-finished plastic products (plastic plates, sheets, blocks, film, foil, strip etc.)</li> <li>Manufacture of tableware, kitchenware and other household articles and toilet articles of plastic, including manufacture of vacuum flasks and other vacuum vessels</li> <li>Manufacture of plastic articles for the packing of goods (plastic bags, sacks, containers, boxes, cases, carboys, bottles etc.)</li> <li>Manufacture of bathing tubs, wash-basins, lavatory pans and covers, flushing cisterns and similar sanitary-ware of plastics</li> <li>Manufacture of travel goods of plastics (suitcase, vanity bags, holdalls and similar articles)</li> <li>Manufacture of spectacle frames of plastic</li> <li>Manufacture of moulded industrial accessories of plastics</li> <li>Manufacture of polymer/ synthetic / PVC water storage tanks</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | M5: Manufacture of textiles, | <ul style="list-style-type: none"> <li>The Textile Association Delhi, India</li> <li>Indian Technical Textile Association</li> </ul> | <ul style="list-style-type: none"> <li>Govt. policy push can focus on upgradation/creation of textile Clusters, with a focus on welfare schemes for weaver turned entrepreneurs</li> <li>Enabling informal and small firms to move into value-added</li> </ul> | <ul style="list-style-type: none"> <li>Preparation and spinning of textile fibres</li> <li>Weaving of textiles</li> <li>Finishing of textiles</li> <li>Manufacture of knitted and crocheted fabrics</li> <li>Manufacture of made-up textile articles, except apparel</li> <li>Manufacture of carpets and rugs</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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| <ul style="list-style-type: none"> <li>Employment and Conditions of Service) Act, 1996</li> <li>○ The Industrial Employment (Standing Orders) Act, 1946</li> <li>○ The Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979</li> <li>○ The Payment of Gratuity Act, 1972</li> <li>○ The Contract Labour (Regulation and Abolition) Act, 1970</li> <li>○ The Employees' Provident Funds and Miscellaneous Provisions Act, 1952</li> <li>○ The Employees' State Insurance Act, 1948</li> </ul> |                                |                                                                                  | products; improvement in design and product quality. <ul style="list-style-type: none"> <li>Reducing lead time in product making by entering into logistics partnerships</li> <li>A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value recognition</li> </ul>                                          | <ul style="list-style-type: none"> <li>Manufacture of cordage, rope, twine and netting</li> <li>Manufacture of other textiles</li> </ul>                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | M23: Manufacture of furniture, | -                                                                                | <ul style="list-style-type: none"> <li>Support in terms of logistics and enlisting of products of entrepreneur on online aggregator platforms to fetch a fair value</li> </ul>                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>Power tool operation</li> <li>Sanding</li> <li>Sawing</li> <li>Woodworking</li> <li>Carpentry</li> </ul>                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Trade</b>                   |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | T3: Other wholesale trade,     | <ul style="list-style-type: none"> <li>MSME-DI</li> </ul>                        | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | T4: Other retail trade,        | <ul style="list-style-type: none"> <li>Retailers Association Of India</li> </ul> | <ul style="list-style-type: none"> <li>The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> </ul> | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul> |

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| <ul style="list-style-type: none"> <li>Human Capital and Skill Development</li> </ul> |                              |                                                                                                                              | <ul style="list-style-type: none"> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul>                                                                                                                                                                                     |                                                                                                                                                                                                                                                        |
|                                                                                       | <b>Services</b>              |                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                        |
|                                                                                       | S13: Education,              | <ul style="list-style-type: none"> <li>Meghalaya SSA (Sarva Shiksha Abhiyan) School Association (MSSASA)</li> </ul>          | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                 | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul>                                                   |
|                                                                                       | S3: Land transport,          | <ul style="list-style-type: none"> <li>State Transport Authority</li> </ul>                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>Driving Skills &amp; Driving Etiquettes (including the picking up and setting down of passengers),</li> <li>Developing Skills of motorised as well as non-motorised freight transport &amp; handling</li> </ul> |
|                                                                                       | S2: Food service activities, | <ul style="list-style-type: none"> <li>FSSAI</li> <li>Food/Restaurant rating platforms such as TripAdvisor/Zomato</li> </ul> | <ul style="list-style-type: none"> <li>Collaboration with local Catering institutes for innovation in food services for domestic and export consumption</li> <li>Collaboration with food services specific platforms for augmenting reach of business development and also for sourcing of raw materials</li> <li>Training of entrepreneurs in the field of Food Hygiene and Safety is of paramount importance and could be a requirement of</li> </ul> | <ul style="list-style-type: none"> <li>Reading &amp; Writing Skills,</li> <li>Basic Maths,</li> <li>Hygienic Food Preparation (Cafeterias, fast-food restaurant and other food preparation in market stalls)</li> </ul>                                |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                |                                                                                                                                          | granting license to operate/avail benefits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <p><b>ASSAM</b></p> <p>Policy Name: Assam Startup Policy 2017<sup>171</sup></p> <p>(Nodal Agency: Department of Industries &amp; Commerce)</p> <p>Incentives</p> <p>For Startups</p> <ul style="list-style-type: none"> <li>• GST Reimbursement</li> <li>• Stamp Duty Reimbursement</li> <li>• Digital Upgradation Subsidy</li> <li>• Lease Rental Reimbursement</li> <li>• Power Subsidy</li> <li>• 100% Reimbursement on Patent Filing Cost</li> <li>• Incentives for Hiring Women, Transgenders and Differently Abled</li> <li>• Marketing and Promotion Assistance</li> <li>• Preferential Market Access</li> <li>• Self - Certification &amp; Compliance</li> </ul> <p>For Incubators</p> <ul style="list-style-type: none"> <li>• Financial assistance to encourage setting up of incubation centres by</li> </ul> | <b>Manufacturing</b>                                                           |                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M5: Manufacture of textiles,                                                   | <ul style="list-style-type: none"> <li>• The Textile Association Delhi, India</li> <li>• Indian Technical Textile Association</li> </ul> | <ul style="list-style-type: none"> <li>• Govt. policy push can focus on upgradation/creation of textile Clusters, with a focus on welfare schemes for weaver turned entrepreneurs</li> <li>• Enabling informal and small firms to move into value-added products; improvement in design and product quality.</li> <li>• Reducing lead time in product making by entering into logistics partnerships</li> <li>• A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value recognition</li> </ul> | <ul style="list-style-type: none"> <li>• Preparation and spinning of textile fibres</li> <li>• Weaving of textiles</li> <li>• Finishing of textiles</li> <li>• Manufacture of knitted and crocheted fabrics</li> <li>• Manufacture of made-up textile articles, except apparel</li> <li>• Manufacture of carpets and rugs</li> <li>• Manufacture of cordage, rope, twine and netting</li> <li>• Manufacture of other textiles</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M17: Manufacture of fabricated metal products, except machinery and equipment, | <ul style="list-style-type: none"> <li>• Indian Ferro-Alloys Producers' Association</li> </ul>                                           | <ul style="list-style-type: none"> <li>• Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>• Welding</li> <li>• Grinding</li> <li>• Tool Cutting</li> <li>• Gas Cutting</li> <li>• Measuring</li> </ul>                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M15: Manufacture of other non-metallic mineral products,                       | <ul style="list-style-type: none"> <li>• Assam Mineral Development Corporation</li> </ul>                                                | <ul style="list-style-type: none"> <li>• Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>• Dedicated point of contacts for quality checks and environment impact mitigation</li> </ul>                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• Manufacture of glass and glass products</li> <li>• Manufacture of refractory products</li> <li>• Manufacture of clay building materials</li> <li>• Manufacture of other porcelain and ceramic products</li> </ul>                                                                                                                                                                               |

<sup>171</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Assam-state-policy.html>

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| <p>IIT, Engineering Colleges, Universities, Biotechnology Park, Information Technology Park, Educational Institutions, Trade &amp; Industries Associations etc. will be provided by the state government upto a maximum of 75% grant, subject to a limit of maximum Rs. 5 Cr to such institutions/organizations towards cost of construction of building, equipment, connectivity etc.</p> |                                   |                                                                                                          | <ul style="list-style-type: none"> <li>• Knowledge augmentation about product diversification</li> <li>• Exploration of Export opportunities</li> </ul>                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>• Manufacture of cement, lime and plaster</li> <li>• Manufacture of articles of concrete, cement and plaster</li> <li>• Cutting, shaping and finishing of stone</li> <li>• Manufacture of other non-metallic mineral products</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                            | M16: Manufacture of basic metals, | <ul style="list-style-type: none"> <li>• Directorate of Geology &amp; Mining - Govt. of Assam</li> </ul> | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>• Casting</li> <li>• Tool working</li> <li>• Rigging</li> <li>• Crane operation</li> <li>• Machine Operation</li> </ul>                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                            | <b>Trade</b>                      |                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                            | T3: Other wholesale trade,        | <ul style="list-style-type: none"> <li>• MSME-DI</li> </ul>                                              | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                            | T4: Other retail trade,           | <ul style="list-style-type: none"> <li>• Retailers Association Of India</li> </ul>                       | <ul style="list-style-type: none"> <li>• The retail trade organization should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>• State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>• To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other</li> </ul> | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                                                        |

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|--|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                    |                                                                                                                                           | countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                             |
|  | <b>Services</b>                    |                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                             |
|  | S1: Accommodation,                 | <ul style="list-style-type: none"> <li>District Tourism Promotion Council</li> <li>State level Tourism Development Corporation</li> </ul> | <ul style="list-style-type: none"> <li>Entrepreneurs can be trained to offer/market ancillary products/services which are of local produce to the tourists who visit the state. This co-selling would help in generating profits for a larger chunk of units from the same clientele</li> <li>State level tourism development corporation portals/e-infrastructure can also be used to list and market local homestay at a fixed commission to the Tourism Development corporations</li> </ul>                                                                                                                                 | <ul style="list-style-type: none"> <li>Knowledge &amp; Understanding Provision of short stay accommodation</li> <li>Knowledge &amp; Understanding Provision of accommodation mountain shelters</li> <li>Knowledge of Hospitality</li> </ul> |
|  | S14: Human Health and Social work, | <ul style="list-style-type: none"> <li>Assam Social Work Society, Guwahati</li> </ul>                                                     | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal</li> </ul> | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul>          |

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|                                                                                                                                                                                                                                                                                                                                                       |                                                     |                                                                                                                                                                           | invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                       | S2: Food service activities,                        | <ul style="list-style-type: none"> <li>FSSAI</li> <li>Food/Restaurant rating platforms such as TripAdvisor/Zomato</li> </ul>                                              | <ul style="list-style-type: none"> <li>Collaboration with local Catering institutes for innovation in food services for domestic and export consumption</li> <li>Collaboration with food services specific platforms for augmenting reach of business development and also for sourcing of raw materials</li> <li>Training of entrepreneurs in the field of Food Hygiene and Safety is of paramount importance and could be a requirement of granting license to operate/avail benefits</li> </ul> | <ul style="list-style-type: none"> <li>Reading &amp; Writing Skills,</li> <li>Basic Maths,</li> <li>Hygienic Food Preparation (Cafeterias, fast-food restaurant and other food preparation in market stalls)</li> </ul> |
| <b>WEST BENGAL</b><br><br>Policy Name: West Bengal Startup Policy 2016 <sup>172</sup><br><br>(Nodal Agency Department of Micro, Small & Medium Enterprises & Textiles, Government of West Bengal)<br><br>Major Highlights of the Policy: <ul style="list-style-type: none"> <li>Pre-Idea stage Entrepreneurship Development Centre network</li> </ul> | <b>Manufacturing</b>                                |                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                       | M20: Manufacture of machinery and equipment n.e.c., | <ul style="list-style-type: none"> <li>WBREDA (West Bengal Renewable Energy Development Agency)</li> <li>it is</li> <li>Calcutta Machinery Dealers Association</li> </ul> | <ul style="list-style-type: none"> <li>In interest of emerging technologies and global competitiveness, training in 3D printing and making resources of 3D printing available to informal entrepreneurs to complement their hand/traditional skills so that the entrepreneur can also be prepared for smart manufacturing and just in time options of manufacturing</li> </ul>                                                                                                                     | <ul style="list-style-type: none"> <li>Welding</li> <li>Grinding</li> <li>Cutting</li> <li>Rigging</li> <li>Machining</li> <li>Lathe working</li> <li>CAD-CAM</li> </ul>                                                |
|                                                                                                                                                                                                                                                                                                                                                       | M6: Manufacture of                                  | <ul style="list-style-type: none"> <li>West Bengal Garment Manufacturers and Dealers Association</li> </ul>                                                               | <ul style="list-style-type: none"> <li>Growing number of Indian start-ups are making a mark with their ethnic labels</li> </ul>                                                                                                                                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>Manufacture of all types of textile garments and clothing accessories</li> </ul>                                                                                                 |

<sup>172</sup> [https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/state\\_startup\\_policies/West%20Bengal\\_Start-up-Policy-2016-2021.pdf](https://www.startupindia.gov.in/content/dam/invest-india/Templates/public/state_startup_policies/West%20Bengal_Start-up-Policy-2016-2021.pdf)

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| <ul style="list-style-type: none"> <li>Rural Craft Hub and Proof of Concept Support</li> <li>MSME TFC</li> </ul> | wearing apparel,             |                                                                                                                                      | <ul style="list-style-type: none"> <li>Informal units manufacturing wearing apparel can be funded and mentored to either start their own ethnic label or could supply their produce to existing ethnic labels</li> </ul>                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li>Manufacture of rain coats of waterproof textile fabrics or plastic sheetings</li> <li>Manufacture of hats, caps and other clothing accessories such as gloves, belts, ties, cravats, hairnets etc.</li> <li>Manufacture of wearing apparel made of leather and substitutes leather</li> <li>Custom tailoring</li> <li>Manufacture of articles of fur</li> <li>Manufacture of knitted or crocheted wearing apparel and other made-up articles directly into shape (pullovers, cardigans, jerseys, waistcoats and similar articles)</li> <li>Manufacture of other knitted and crocheted apparel including hosiery</li> </ul> |
|                                                                                                                  | M5: Manufacture of textiles, | <ul style="list-style-type: none"> <li>The Textile Association Delhi, India</li> <li>Indian Technical Textile Association</li> </ul> | <ul style="list-style-type: none"> <li>Govt. policy push can focus on upgradation/creation of textile Clusters, with a focus on welfare schemes for weaver turned entrepreneurs</li> <li>Enabling informal and small firms to move into value-added products; improvement in design and product quality.</li> <li>Reducing lead time in product making by entering into logistics partnerships</li> <li>A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented</li> </ul> | <ul style="list-style-type: none"> <li>Preparation and spinning of textile fibres</li> <li>Weaving of textiles</li> <li>Finishing of textiles</li> <li>Manufacture of knitted and crocheted fabrics</li> <li>Manufacture of made-up textile articles, except apparel</li> <li>Manufacture of carpets and rugs</li> <li>Manufacture of cordage, rope, twine and netting</li> <li>Manufacture of other textiles</li> </ul>                                                                                                                                                                                                                                          |

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|  |                                           |                                                                                                                             | business growth and value recognition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                |
|  | M19: Manufacture of electrical equipment, | <ul style="list-style-type: none"> <li>ELMA -All Bengal Electronics &amp; Accessories Manufacturers' Association</li> </ul> | <ul style="list-style-type: none"> <li>Promotion of entrepreneurs to further the existing and new franchises<sup>173</sup> of various electrical appliances and explore parts of electric vehicles (EVs) as a new business vista (including the business of batteries and spares for EVs)</li> </ul>                                                                                                                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>Re-winding</li> <li>Rigging</li> <li>Welding</li> <li>Machining</li> <li>Lathe working</li> </ul>                       |
|  | <b>Trade</b>                              |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                |
|  | T3: Other wholesale trade,                | <ul style="list-style-type: none"> <li>MSME-DI</li> </ul>                                                                   | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul> |
|  | T4: Other retail trade,                   | <ul style="list-style-type: none"> <li>Retailers Association Of India</li> </ul>                                            | <ul style="list-style-type: none"> <li>The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul> |

<sup>173</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_profile\\_16-17/STATE%20INDUSTRIAL%20PROFILE\\_himanchal.pdf](http://dcmsme.gov.in/dips/state_wise_profile_16-17/STATE%20INDUSTRIAL%20PROFILE_himanchal.pdf)

|  | Services                                                |                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                             |
|--|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | S14: Human Health and Social work,                      | <ul style="list-style-type: none"> <li>Association Of Officers Of West Bengal Junior Social Welfare Service</li> </ul> | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul>                                                                          |
|  | S11: Professional, Scientific and Technical activities, | <ul style="list-style-type: none"> <li>The Science Association Of Bengal</li> </ul>                                    | <ul style="list-style-type: none"> <li>Making remote work IT infrastructure (cloud space, Software as a Service and Secure Open Source Software) at low/no cost available by MSDE can help informal entrepreneurs venture into effectivity and possibly formalization</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>Provision of animal health care and control activities for farm animals or pet animals</li> <li>Processing motion picture film related to the motion picture and television industries</li> <li>Basics of Accounting, bookkeeping and auditing activities</li> </ul> |
|  | S12: Administrative                                     | -                                                                                                                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>Travel agency, tour operator and other reservation service activities</li> </ul>                                                                                                                                                                                     |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | and support service activities,                          |                                                                                                         |                                                                                                                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>• Photocopying, document preparation and other specialized office support activities,</li> <li>• Understanding of Safety Security Measures,</li> <li>• Landscape care and maintenance service activities,</li> <li>• Cleaning activities,</li> <li>• Organization of conventions and trade shows</li> <li>• Rental and leasing activities (Motor vehicles, Goods etc.)</li> </ul>                                                                          |
| <b>JHARKHAND</b><br><br>Policy Name: Jharkhand Startup Policy 2016 <sup>174</sup><br>(Nodal Agency: Department of Information Technology and E-Governance)<br>Incentives<br><br>For Start-ups <ul style="list-style-type: none"> <li>• Self-Certification Assistance</li> <li>• Patent Incentives</li> <li>• Rental Assistance</li> <li>• Utility Bills Reimbursement</li> <li>• Sustenance Allowance</li> <li>• Marketing Assistance</li> </ul> For Incubators <ul style="list-style-type: none"> <li>• Mentoring Assistance</li> <li>• Performance Assistance</li> </ul> | <b>Manufacturing</b>                                     |                                                                                                         |                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | M15: Manufacture of other non-metallic mineral products, | <ul style="list-style-type: none"> <li>• Jharkhand State Mineral Development Corporation Ltd</li> </ul> | <ul style="list-style-type: none"> <li>• Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>• Dedicated point of contacts for quality checks and environment impact mitigation</li> <li>• Knowledge augmentation about product diversification</li> <li>• Exploration of Export opportunities</li> </ul> | <ul style="list-style-type: none"> <li>• Manufacture of glass and glass products</li> <li>• Manufacture of refractory products</li> <li>• Manufacture of clay building materials</li> <li>• Manufacture of other porcelain and ceramic products</li> <li>• Manufacture of cement, lime and plaster</li> <li>• Manufacture of articles of concrete, cement and plaster</li> <li>• Cutting, shaping and finishing of stone</li> <li>• Manufacture of other non-metallic mineral products</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | M10: Printing and reproduction of recorded media,        | -                                                                                                       | <ul style="list-style-type: none"> <li>• This is an opportunity sector wherein informal entrepreneurs if trained skill wise and also platform (such as Youtube /Medium ) onboarding wise can</li> </ul>                                                                                                                                            | <ul style="list-style-type: none"> <li>• Printing</li> <li>• Engraving, etching and block making etc.</li> <li>• Book and other similar sheet binding on account of others</li> <li>• Reproduction from master copies of gramophone records, compact discs etc.</li> </ul>                                                                                                                                                                                                                        |

<sup>174</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/jarhkhand-state-policy.html>



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|  |                                   |                                                                                                                                             | create enterprises that are both formal and lean                                                                                                                                                                                                                                                                | discs and tapes with music or other sound recordings, motion pictures and other video recordings, software and data on discs and tapes                                                                                                                                                                                                                                                                                                                                                                  |
|  | M3: Manufacture of beverages,     | <ul style="list-style-type: none"> <li>Jharkhand State Beverage Corporation Limited</li> <li>Jharkhand Wine Dealers' Association</li> </ul> | <ul style="list-style-type: none"> <li>Graduates of regional ITIs and training institutes who have skills of manufactured beverages need to be supported to position their produce in a quality manner in local market ecosystem</li> </ul>                                                                     | <ul style="list-style-type: none"> <li>Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials</li> <li>Manufacture of wines</li> <li>Manufacture of malt liquors and malt</li> <li>Manufacture of soft drinks; production of mineral waters and other bottled waters</li> </ul>                                                                                                                                                                              |
|  | M2: Manufacture of food products, | <ul style="list-style-type: none"> <li>All India Food Processors' Association</li> </ul>                                                    | <ul style="list-style-type: none"> <li>Augmentation of cold storage supply chain for transport in other parts of country is a major need</li> <li>Platform partner and market connect required for the food produce activities that are abundant in state</li> <li>Skills development in Food Safety</li> </ul> | <ul style="list-style-type: none"> <li>Processing and preserving of meat</li> <li>Processing and preserving of fish, crustaceans and molluscs and products</li> <li>Processing and preserving of fruits and vegetables</li> <li>Manufacture of vegetable and animal oils and fats</li> <li>Manufacture of dairy products</li> <li>Manufacture of grain mill products, starches and starch products</li> <li>Manufacture of other food products</li> <li>Manufacture of prepared animal feeds</li> </ul> |
|  | Trade                             |                                                                                                                                             |                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|  | T4: Other retail trade,           | <ul style="list-style-type: none"> <li>Retailers Association Of India</li> </ul>                                                            | <ul style="list-style-type: none"> <li>The retail trade organization be should be encouraged to formulate partnerships and SPVs</li> </ul>                                                                                                                                                                      | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> </ul>                                                                                                                                                                                                                                                                                                                                                              |

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|  |                                                          |                                                                                                                     | <p>for development of new markets and for logistics support.</p> <ul style="list-style-type: none"> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>Accounting</li> </ul>                                                                                                                                                                       |
|  | T1: Trade and repair of motor vehicles and motor cycles, | <ul style="list-style-type: none"> <li>State Transport Authority</li> </ul>                                         | <ul style="list-style-type: none"> <li>Facilitation of collaboration of auto repair entrepreneurs with aggregation platforms such as CarMechanic and others</li> <li>A push for motor repair certifications can lead to quality and competitiveness augmentation of this sub sector in the state</li> </ul>                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>Engine overhaul &amp; servicing</li> <li>Tool operation</li> <li>Accounting</li> </ul>                                                                                                      |
|  | <b>Services</b>                                          |                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                    |
|  | S14: Human Health and Social work,                       | <ul style="list-style-type: none"> <li>Occupational Safety &amp; Health Association of Jharkhand (OSHAJ)</li> </ul> | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in</li> </ul>                                                                                       | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |

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|        |                              |                                                                                                                                  | <p>entrepreneurs leveraging these skills for offering relevant services</p> <ul style="list-style-type: none"> <li>• Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul>                                                                                      |                                                                                                                                                                                                                                |
|        | S2: Food service activities, | <ul style="list-style-type: none"> <li>• FSSAI</li> <li>• Food/Restaurant rating platforms such as TripAdvisor/Zomato</li> </ul> | <ul style="list-style-type: none"> <li>• Collaboration with local Catering institutes for innovation in food services for domestic and export consumption</li> <li>• Collaboration with food services specific platforms for augmenting reach of business development and also for sourcing of raw materials</li> <li>• Training of entrepreneurs in the field of Food Hygiene and Safety is of paramount importance and could be a requirement of granting license to operate/avail benefits</li> </ul> | <ul style="list-style-type: none"> <li>• Reading &amp; Writing Skills,</li> <li>• Basic Maths,</li> <li>• Hygienic Food Preparation (Cafeterias, fast-food restaurants and other food preparation in market stalls)</li> </ul> |
|        | S13: Education,              | <ul style="list-style-type: none"> <li>• All Jharkhand Primary Teachers Association</li> </ul>                                   | <ul style="list-style-type: none"> <li>• Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>• Primary education,</li> <li>• Technical and vocational secondary education,</li> <li>• Other education (n.e.c.),</li> <li>• Educational support services</li> </ul>                   |
| ODISHA | Manufacturing                |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                |

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| <p>Policy Name: Odisha Startup Policy 2016<sup>175</sup><br/>(Nodal Agency Department of Micro, Small &amp; Medium Enterprises)</p> <p><b>Incentives</b></p> <p>For Start-ups</p> <ul style="list-style-type: none"> <li>• Monthly Allowance</li> <li>• Need Based Assistance</li> <li>• Product Development and Marketing/ Publicity Assistance</li> <li>• Patent Reimbursement</li> <li>• Government Procurement</li> </ul> <p>For Incubators</p> <ul style="list-style-type: none"> <li>• One-Time Capital Grant</li> <li>• Performance Capital Grant</li> <li>• Reimbursement of Utility expenses</li> </ul> <p>For Funding Support</p> <ul style="list-style-type: none"> <li>• The Government may participate in Private State specific funds for Startups (such as seed/venture capital funds), limited to 1/4th of the total size of the fund but only when there is a firm commitment from the</li> </ul> | <p>M13:<br/>Manufacture of pharmaceuticals, medicinal chemical and botanical products,</p> | <ul style="list-style-type: none"> <li>• Utkal Pharmaceutical Manufacturers Association</li> </ul>                 | -                                                                                                                                                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>• Manufacture of medicinal substances used in the manufacture of pharmaceuticals, antibiotics, endocrine products, basic vitamins; opium derivatives; sulphadiazine; sulpha drugs; serum and plasmas; salicylic acid, its salts and esters; glycosides and vegetable alkaloids</li> <li>• Manufacture of allopathic pharmaceutical preparations</li> <li>• Manufacture of 'ayurvedic' or 'unani' pharmaceutical preparation</li> <li>• Manufacture of homoeopathic and biochemical pharmaceutical preparations</li> <li>• Manufacture of veterinary preparations</li> <li>• Manufacture of medical impregnated wadding, gauze, bandages, dressings, surgical gloves etc.</li> <li>• Manufacture of other pharmaceutical and botanical products like hina powder etc.</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p>M21:<br/>Manufacture of motor vehicles, trailers and semi-trailers,</p>                 | <ul style="list-style-type: none"> <li>• Automotive Component Manufacturers Association of India (ACMA)</li> </ul> | <ul style="list-style-type: none"> <li>• In interest of emerging technologies and global competitiveness, training in 3D printing and making resources of 3D printing available to informal entrepreneurs to complement their hand/traditional skills so that the entrepreneur can also be prepared for smart manufacturing and just in time options of manufacturing</li> </ul> | <ul style="list-style-type: none"> <li>• Power tool operation</li> <li>• Hand tool operation</li> <li>• Automobile assembly</li> <li>• Engine testing</li> <li>• Quality control</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

<sup>175</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Odisha-state-policy.html>

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| Private State specific fund manager bringing in the remaining 3/4th money to the state. | M10: Printing and reproduction of recorded media, | <ul style="list-style-type: none"> <li>Utkal Journalists Association, Odisha</li> </ul> | <ul style="list-style-type: none"> <li>This is an opportunity sector wherein informal entrepreneurs if trained skill wise and also platform (such as Youtube /Medium ) onboarding wise can create enterprises that are both formal and lean</li> </ul>                                                                                                                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>Printing</li> <li>Engraving, etching and block making etc.</li> <li>Book and other similar sheet binding on account of others</li> <li>Reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings, motion pictures and other video recordings, software and data on discs and tapes</li> </ul>                           |
|                                                                                         | M5: Manufacture of textiles,                      | <ul style="list-style-type: none"> <li>TTI</li> </ul>                                   | <ul style="list-style-type: none"> <li>Govt. policy push can focus on upgradation/creation of textile Clusters, with a focus on welfare schemes for weaver turned entrepreneurs</li> <li>Enabling informal and small firms to move into value-added products; improvement in design and product quality.</li> <li>Reducing lead time in product making by entering into logistics partnerships</li> <li>A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value recognition</li> </ul> | <ul style="list-style-type: none"> <li>Preparation and spinning of textile fibres</li> <li>Weaving of textiles</li> <li>Finishing of textiles</li> <li>Manufacture of knitted and crocheted fabrics</li> <li>Manufacture of made-up textile articles, except apparel</li> <li>Manufacture of carpets and rugs</li> <li>Manufacture of cordage, rope, twine and netting</li> <li>Manufacture of other textiles</li> </ul> |
|                                                                                         | <b>Trade</b>                                      |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                         | T3: Other wholesale trade,                        | <ul style="list-style-type: none"> <li>MSME-DI</li> </ul>                               | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                                                                                                                                                                                                           |

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|  | T1: Trade and repair of motor vehicles and motor cycles, | <ul style="list-style-type: none"> <li>State Transport Authority</li> </ul>                                       | <ul style="list-style-type: none"> <li>Facilitation of collaboration of auto repair entrepreneurs with aggregation platforms such as CarMechanic and others</li> <li>A push for motor repair certifications can lead to quality and competitiveness augmentation of this sub sector in the state</li> </ul>                                                                                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>Engine overhaul &amp; servicing</li> <li>Tool operation</li> <li>Accounting</li> </ul>                                                                                                      |
|  | <b>Services</b>                                          |                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                    |
|  | S13: Education,                                          | <ul style="list-style-type: none"> <li>The Odisha Model Tribal Education Society (OMTES)</li> </ul>               | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul>                               |
|  | S14: Human Health and Social work,                       | <ul style="list-style-type: none"> <li>Orissa State Volunteers and Social Workers Association (OSVSWA)</li> </ul> | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal</li> </ul> | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |

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|                                                                                                                                                                                                                                                                                                                                                                      |                                              |                                                                                                                              | invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                      | S2: Food service activities,                 | <ul style="list-style-type: none"> <li>FSSAI</li> <li>Food/Restaurant rating platforms such as TripAdvisor/Zomato</li> </ul> | <ul style="list-style-type: none"> <li>Collaboration with local Catering institutes for innovation in food services for domestic and export consumption</li> <li>Collaboration with food services specific platforms for augmenting reach of business development and also for sourcing of raw materials</li> <li>Training of entrepreneurs in the field of Food Hygiene and Safety is of paramount importance and could be a requirement of granting license to operate/avail benefits</li> </ul>                     | <ul style="list-style-type: none"> <li>Reading &amp; Writing Skills,</li> <li>Basic Maths,</li> <li>Hygienic Food Preparation (Cafeterias, fast-food restaurant and other food preparation in market stalls)</li> </ul>                                   |
| <b>CHHATTISGARH</b><br><br>Policy Name: Chhattisgarh Innovation and Entrepreneurship Development Policy 2016<br><br>Incentives<br><br>For Startups <ul style="list-style-type: none"> <li>Leap of Faith Revolving (LoFR) Fund will provide upto Rs. 50 lakh of interest free loan to Startups selected in the State Incubator. The loan will be recovered</li> </ul> | <b>Manufacturing</b>                         |                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                      | M9: Manufacture of paper and paper products, | <ul style="list-style-type: none"> <li>Indian Paper Manufacturers Association (IPMA)</li> </ul>                              | <ul style="list-style-type: none"> <li>Augmentation of skills of informal entrepreneurs working in the paper mills and paper products sector is important</li> <li>These entrepreneurs while training should also be exposed to diverse paper products being sold in the South East Asian and international markets and if possible in collaboration with NIDs and IITs/NITs should be given a chance for new product development</li> <li>capital provision to increase competitiveness of this sub-sector</li> </ul> | <ul style="list-style-type: none"> <li>Manufacture of pulp, paper and paperboard</li> <li>Manufacture of corrugated paper and paperboard and containers of paper and paperboard</li> <li>Manufacture of other articles of paper and paperboard</li> </ul> |

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| within a period of 3 years. | M2:<br>Manufacture of food products,                        | <ul style="list-style-type: none"> <li>All India Food Processors' Association</li> </ul> | <ul style="list-style-type: none"> <li>Augmentation of cold storage supply chain for transport in other parts of country is a major need</li> <li>Platform partner and market connect required for the food produce activities that are abundant in state</li> <li>Skills development in Food Safety</li> </ul>                            | <ul style="list-style-type: none"> <li>Processing and preserving of meat</li> <li>Processing and preserving of fish, crustaceans and molluscs and products</li> <li>Processing and preserving of fruits and vegetables</li> <li>Manufacture of vegetable and animal oils and fats</li> <li>Manufacture of dairy products</li> <li>Manufacture of grain mill products, starches and starch products</li> <li>Manufacture of other food products</li> <li>Manufacture of prepared animal feeds</li> </ul> |
|                             | M15:<br>Manufacture of other non-metallic mineral products, | -                                                                                        | <ul style="list-style-type: none"> <li>Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>Dedicated point of contacts for quality checks and environment impact mitigation</li> <li>Knowledge augmentation about product diversification</li> <li>Exploration of Export opportunities</li> </ul> | <ul style="list-style-type: none"> <li>Manufacture of glass and glass products</li> <li>Manufacture of refractory products</li> <li>Manufacture of clay building materials</li> <li>Manufacture of other porcelain and ceramic products</li> <li>Manufacture of cement, lime and plaster</li> <li>Manufacture of articles of concrete, cement and plaster</li> <li>Cutting, shaping and finishing of stone</li> <li>Manufacture of other non-metallic mineral products</li> </ul>                       |
|                             | M6:<br>Manufacture of wearing apparel,                      | -                                                                                        | <ul style="list-style-type: none"> <li>Growing number of Indian start-ups are making a mark with their ethnic labels</li> </ul>                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>Manufacture of all types of textile garments and clothing accessories</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                 |



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|  |                            |                                                                                    | <ul style="list-style-type: none"> <li>○ Informal units manufacturing wearing apparel can be funded and mentored to either start their own ethnic label or could supply their produce to existing ethnic labels</li> </ul>                                                                                                                                                      | <ul style="list-style-type: none"> <li>○ Manufacture of rain coats of waterproof textile fabrics or plastic sheetings</li> <li>○ Manufacture of hats, caps and other clothing accessories such gloves, belts, ties, cravats, hairnets etc.</li> <li>○ Manufacture of wearing appare made of leather and substitutes leather</li> <li>○ Custom tailoring</li> <li>○ Manufacture of articles of fur</li> <li>○ Manufacture of knitted or crocheted wearing apparel and other made-up articles directly into shape (pullovers, cardigans jerseys, waistcoats and similar articles)</li> <li>○ Manufacture of other knitted and crocheted apparel including hosiery</li> </ul> |
|  | <b>Trade</b>               |                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|  | T3: Other wholesale trade, | <ul style="list-style-type: none"> <li>• MSME-DI</li> </ul>                        | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                     | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|  | T4: Other retail trade,    | <ul style="list-style-type: none"> <li>• Retailers Association Of India</li> </ul> | <ul style="list-style-type: none"> <li>• The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>• State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small</li> </ul> | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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|  |                              |                                                                                  | <p>time artisans/manufacturers and retailers.</p> <ul style="list-style-type: none"> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  | <b>Services</b>              |                                                                                  |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  | S13: Education,              | <ul style="list-style-type: none"> <li></li> </ul>                               | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>               | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul>                                                                                                                                                                                                                                                                                                                                                                           |
|  | S10: Real estate activities, | <ul style="list-style-type: none"> <li>Online Real Estate Aggregators</li> </ul> | <ul style="list-style-type: none"> <li>Facilitation of real estate purchase/lease options by making credit available and the also ensuring its value generation capabilities by connecting the entrepreneurs with platforms that aggregate homestays and contract farming for end users</li> </ul>                    | <ul style="list-style-type: none"> <li>Real estate activities with own leased property (includes buying selling, renting and operating self-owned or leased real estate providing of homes and furnished or unfurnished flats or apartments for more permanent use)</li> <li>Management of real estate on fee or contract basis, appraisal services for real estate, real estate escrow agents</li> <li>Industry &amp; Local Area Knowledge,</li> <li>Basic Maths &amp;</li> <li>Property Valuation Understanding of Proper registration Process &amp; Proper Deeds</li> </ul> |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S1:<br>Accommodation,                                                            | <ul style="list-style-type: none"> <li>District Tourism Promotion Council</li> <li>State level Tourism Development Corporation</li> </ul> | <ul style="list-style-type: none"> <li>Entrepreneurs can be trained to offer/market ancillary products/services which are of local produce to the tourists who visit the state. This co-selling would help in generating profits for a larger chunk of units from the same clientele</li> <li>State level tourism development corporation portals/e-infrastructure can also be used to list and market local homestay at a fixed commission to the Tourism Development corporations</li> </ul> | <ul style="list-style-type: none"> <li>Knowledge &amp; Understanding Provision of short stay accommodation</li> <li>Knowledge &amp; Understanding Provision of accommodation mountain shelters</li> <li>Knowledge of Hospitality</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MADHYA PRADESH</b><br><br>Policy Name: MP Incubation and Startup Policy 2016 <sup>176</sup><br>(Nodal Agency: Department of MSME)<br><br>Incentives<br><br>For Startups <ul style="list-style-type: none"> <li>Interest Subsidy</li> <li>Lease Rental Subsidy</li> <li>Patent/Quality Promotion Subsidy</li> <li>Marketing Assistance</li> </ul> For Incubators <ul style="list-style-type: none"> <li>Operational Assistance</li> <li>Capital Assistance</li> </ul> | <b>Manufacturing</b><br><br>M14:<br>Manufacture of rubber and plastics products, | <ul style="list-style-type: none"> <li>Rubber Board, Ministry of Commerce and Industry, Govt. of India<sup>177</sup></li> </ul>           | <ul style="list-style-type: none"> <li>Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul>                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>Manufacture of rubber tyres and tubes for motor vehicles, motorcycles, scooters, three-wheelers, tractors and aircraft</li> <li>Manufacture of rubber tyres and tubes for cycles and cycle-rickshaws</li> <li>Retreading of tyres; replacing or rebuilding of tread on used pneumatic tyres</li> <li>Manufacture of rubber plates, sheets, strips, rods, tubes, pipes, hoses and profile -shapes etc.</li> <li>Manufacture of rubber conveyor or transmission belts or belting</li> <li>Manufacture of rubber contraceptives</li> <li>Manufacture of rubber balloons</li> <li>Manufacture of semi-finished or plastic products (plastic plates,</li> </ul> |

<sup>176</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Madhya-Pradesh-state-policy.html>

<sup>177</sup> <http://www.rbegp.in/RUBI/LicensingReportsInIndex.do?licensetypepk=1&statepk=0&districtpk=0>

|                                                                                                                                                                        |                                                          |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <ul style="list-style-type: none"> <li>• Reimbursement of Stamp Duty/Registration</li> <li>• Mentoring Assistance</li> <li>• Startup Competition Assistance</li> </ul> |                                                          |                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p>sheets, blocks, film, foil, strip etc.)</p> <ul style="list-style-type: none"> <li>• Manufacture of tableware, kitchenware and other household articles and toilet articles of plastic, including manufacture of vacuum flasks and other vacuum vessels</li> <li>• Manufacture of plastic articles for the packing of goods (plastic bags, sacks, containers, boxes, cases, carboys, bottles etc.)</li> <li>• Manufacture of bathing tubs, wash-basins, lavatory pans and covers, flushing cisterns and similar sanitary-ware of plastics</li> <li>• Manufacture of travel goods of plastics (suitcase, vanity bags, holdalls and similar articles)</li> <li>• Manufacture of spectacle frames of plastic</li> <li>• Manufacture of moulded industrial accessories of plastics</li> <li>• Manufacture of polymer/ synthetic / PVC water storage tanks</li> </ul> |
|                                                                                                                                                                        | M25: Repair and installation of machinery and equipment, | <ul style="list-style-type: none"> <li>• ITIs (Industrial Training Institutes)</li> </ul> | <ul style="list-style-type: none"> <li>• Refurbished goods is an emerging field that the existing entrepreneurs involved in repair and installation of machinery and equipment can venture into</li> <li>• Management of electronic waste is yet another opportunity that can prove highly useful for these entrepreneurs if they are adequately trained. Regional ITIs and global policy inputs for e-waste management can help in this.</li> </ul> | <ul style="list-style-type: none"> <li>• Welding</li> <li>• Rigging</li> <li>• Cutting</li> <li>• Grinding</li> <li>• Balancing &amp; Alignment</li> <li>• Blue matching</li> <li>• Power tool operation</li> <li>• Hand tool operation</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|  | M15:<br>Manufacture of other non-metallic mineral products, | <ul style="list-style-type: none"> <li>• CSIDC</li> <li>• NSIC</li> </ul> | <ul style="list-style-type: none"> <li>• Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>• Dedicated point of contacts for quality checks and environment impact mitigation</li> <li>• Knowledge augmentation about product diversification</li> <li>• Exploration of Export opportunities</li> </ul> | <ul style="list-style-type: none"> <li>• Manufacture of glass and glass products</li> <li>• Manufacture of refractory products</li> <li>• Manufacture of clay building materials</li> <li>• Manufacture of other porcelain and ceramic products</li> <li>• Manufacture of cement, lime and plaster</li> <li>• Manufacture of articles of concrete, cement and plaster</li> <li>• Cutting, shaping and finishing of stone</li> <li>• Manufacture of other non-metallic mineral products</li> </ul> |
|  | M16:<br>Manufacture of basic metals,                        | <ul style="list-style-type: none"> <li>• CITCON, Raipur</li> </ul>        | -                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>• Casting</li> <li>• Tool working</li> <li>• Rigging</li> <li>• Crane operation</li> <li>• Machine Operation</li> </ul>                                                                                                                                                                                                                                                                                                                                    |
|  | <b>Trade</b>                                                |                                                                           |                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|  | T3: Other wholesale trade,                                  | <ul style="list-style-type: none"> <li>• MSME-DI</li> </ul>               | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                        | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                                                                                                                                                                                                                                                                          |
|  | T2: Activities of commission agents,                        | -                                                                         | <ul style="list-style-type: none"> <li>• Most agents depend on learning on the job and a structured training for commission agents is much required with a focus on economics and business of emerging two and multi-sided online platform. Specifically, training is required with a focus</li> </ul>                                             | <ul style="list-style-type: none"> <li>• Negotiation</li> <li>• Communication</li> <li>• Accounting</li> <li>• Computer operation</li> <li>• Ethics</li> </ul>                                                                                                                                                                                                                                                                                                                                    |

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|  |                                                         |                                                                                                                 | <p>on quick thinking, good verbal communication, the ability to barter, strong interpersonal skills, networking ability and a basic understanding of math, economics, markets and related law.</p> <ul style="list-style-type: none"> <li>• Incentive should be given to commissions agents for directing the producer to authorized sources of finance and capital (to protect producers from informal and high cost debt)</li> </ul>                                                              |                                                                                                                                                                                                                                                                                                                   |
|  | <b>Services</b>                                         |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                   |
|  | S11: Professional, Scientific and Technical activities, | <ul style="list-style-type: none"> <li>• Madhya Pradesh Library Association</li> </ul>                          | <ul style="list-style-type: none"> <li>• Making remote work IT infrastructure (cloud space, Software as a Service and Secure Open Source Software) at low/no cost available by MSDE can help informal entrepreneurs venture into effectivity and possibly formalization</li> </ul>                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>• Provision of animal health care and control activities for farm animals or pet animals</li> <li>• Processing motion picture film related to the motion picture and television industries</li> <li>• Basics of Accounting, bookkeeping and auditing activities</li> </ul> |
|  | S14: Human Health and Social work,                      | <ul style="list-style-type: none"> <li>• National Association of Professional Social Workers in M.P.</li> </ul> | <ul style="list-style-type: none"> <li>• NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>• Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these</li> </ul> | <ul style="list-style-type: none"> <li>• Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>• Other human health activities n.e.c. (including independent ambulance activities),</li> </ul>                                                                            |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                   |                                                                                               | <p>skills for offering relevant services</p> <ul style="list-style-type: none"> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | S13: Education,                                   | <ul style="list-style-type: none"> <li>Madhya Pradesh Private Teachers Association</li> </ul> | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                            | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul>                                                                                                                                                                                           |
| <p><b>GUJARAT</b></p> <p>Policy Name: Electronics &amp; IT/ITeS Start-up Policy (2016-21)</p> <p>(Nodal Agency: Industries Commissionerate, Government of Gujarat)</p> <p>Incentives</p> <p>For Startups</p> <ul style="list-style-type: none"> <li>Sustenance Allowance</li> <li>Infrastructure Assistance</li> <li>Mentoring Assistance</li> <li>Marketing Allowance</li> </ul> <p>For Incubators</p> <ul style="list-style-type: none"> <li>Sustenance Allowance</li> </ul> | <b>Manufacturing</b>                              |                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | M10: Printing and reproduction of recorded media, | <ul style="list-style-type: none"> <li>BNI</li> </ul>                                         | <ul style="list-style-type: none"> <li>This is an opportunity sector wherein informal entrepreneurs if trained skill wise and also platform (such as Youtube /Medium ) onboarding wise can create enterprises that are both formal and lean</li> </ul>                                                                                                                             | <ul style="list-style-type: none"> <li>Printing</li> <li>Engraving, etching and block making etc.</li> <li>Book and other similar sheet binding on account of others</li> <li>Reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings, motion pictures and other video recordings, software and data on discs and tapes</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | M17: Manufacture of fabricated metal products,    | <ul style="list-style-type: none"> <li>Indian Ferro-Alloys Producers' Association</li> </ul>  | <ul style="list-style-type: none"> <li>Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul>                                                                                                                                                                                                                                     | <ul style="list-style-type: none"> <li>Welding</li> <li>Grinding</li> <li>Tool Cutting</li> <li>Gas Cutting</li> </ul>                                                                                                                                                                                                                                                                         |

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| <ul style="list-style-type: none"> <li>Infrastructure Assistance</li> </ul> | except machinery and equipment,   |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Measuring</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                             | M2: Manufacture of food products, | <ul style="list-style-type: none"> <li>Gujarat Agro Industries Corporation</li> </ul> | <ul style="list-style-type: none"> <li>Establishment of Biodegradable Packaging for Food Products should be promoted</li> <li>Augmentation of cold storage supply chain for transport in other parts of country is a major need</li> <li>Platform partner and market connect required for the food produce activities that are abundant in state</li> <li>Skills development in Food Safety</li> </ul> | <ul style="list-style-type: none"> <li>Processing and preserving of meat</li> <li>Processing and preserving of fish, crustaceans and molluscs and products</li> <li>Processing and preserving of fruits and vegetables</li> <li>Manufacture of vegetable and animal oils and fats</li> <li>Manufacture of dairy products</li> <li>Manufacture of grain mill products, starches and starch products</li> <li>Manufacture of other food products</li> <li>Manufacture of prepared animal feeds</li> </ul> |
|                                                                             | M5: Manufacture of textiles,      | <ul style="list-style-type: none"> <li>NID, Ahmedabad</li> </ul>                      | <ul style="list-style-type: none"> <li>Setting up a Banana Fibre Extraction and Textiles Production Unit</li> <li>Govt. policy push can focus on upgradation/creation of textile Clusters, with a focus on welfare schemes for weaver turned entrepreneurs</li> <li>Enabling informal and small firms to move into value-added products; improvement in design and product quality.</li> </ul>         | <ul style="list-style-type: none"> <li>Preparation and spinning of textile fibres</li> <li>Weaving of textiles</li> <li>Finishing of textiles</li> <li>Manufacture of knitted and crocheted fabrics</li> <li>Manufacture of made-up textile articles, except apparel</li> <li>Manufacture of carpets and rugs</li> <li>Manufacture of cordage, rope, twine and netting</li> <li>Manufacture of other textiles</li> </ul>                                                                                |
|                                                                             | <b>Trade</b>                      |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                             | T3: Other wholesale trade,        | <ul style="list-style-type: none"> <li>MSME-DI</li> </ul>                             | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in</li> </ul>                                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> </ul>                                                                                                                                                                                                                                                                                                                                                              |



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|  |                                                          |                                                                                         | efficiency and augmented margins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>Accounting</li> </ul>                                                                                                                                                                       |
|  | T1: Trade and repair of motor vehicles and motor cycles, | <ul style="list-style-type: none"> <li>State Transport Authority</li> </ul>             | <ul style="list-style-type: none"> <li>Facilitation of collaboration of auto repair entrepreneurs with aggregation platforms such as CarMechanic and others</li> <li>A push for motor repair certifications can lead to quality and competitiveness augmentation of this sub sector in the state</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Engine overhaul &amp; servicing</li> <li>Tool operation</li> <li>Accounting</li> </ul>                                                                                                      |
|  | <b>Services</b>                                          |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                    |
|  | S14: Human Health and Social work,                       | <ul style="list-style-type: none"> <li>All Gujarat Social Worker Association</li> </ul> | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |

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|                                                                                                                                                                                                                                                                                                                                                        | S13: Education,                                      | <ul style="list-style-type: none"> <li>Gujarat Primary Education Teachers Association</li> </ul>                                          | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul>                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                        | S1: Accommodation,                                   | <ul style="list-style-type: none"> <li>District Tourism Promotion Council</li> <li>State level Tourism Development Corporation</li> </ul> | <ul style="list-style-type: none"> <li>Entrepreneurs can be trained to offer/market ancillary products/services which are of local produce to the tourists who visit the state. This co-selling would help in generating profits for a larger chunk of units from the same clientele</li> <li>State level tourism development corporation portals/e-infrastructure can also be used to list and market local homestay at a fixed commission to the Tourism Development corporations</li> </ul> | <ul style="list-style-type: none"> <li>Knowledge &amp; Understanding Provision of short stay accommodation</li> <li>Knowledge &amp; Understanding Provision of accommodation mountain shelters</li> <li>Knowledge of Hospitality</li> </ul>                                                                                                                                                                                              |
| <b>DAMAN AND DIU</b><br><br>Policy Name: Industrial Policy 2018 <sup>178</sup><br>(Nodal Agency: District Industries Centre)<br><br>The administration currently provides 50% cost of expenditure incurred subject to a maximum of Rs. 25 lakhs for obtaining patent registration for the developed product in MSME to promote innovation in territory | <b>Manufacturing</b>                                 |                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                        | M12: Manufacture of chemicals and chemical products, | -                                                                                                                                         | <ul style="list-style-type: none"> <li>Entrepreneurs can be trained in new and emerging techniques in the chemical sector</li> <li>Organic/Natural chemicals have a growing demand in national and international market.</li> <li>Government can help and educate Chemical and chemical based companies in the region to innovate and venture into products organic/natural chemicals and chemical products</li> </ul>                                                                         | <ul style="list-style-type: none"> <li>Manufacture of basic chemicals</li> <li>Manufacture of fertilizers and nitrogen compounds</li> <li>Manufacture of plastics and synthetic rubber in primary form</li> <li>Manufacture of pesticides and other agrochemical products</li> <li>Manufacture of paints, varnishes and similar coatings, printing inks and mastics</li> <li>Manufacture of soap and detergents, cleaning and</li> </ul> |

<sup>178</sup> <http://dnh.nic.in/Docs/12July2018/IndustrialPolicy2018.pdf>

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|  |                                                   |                                                                                                                                   |                                                                                                                                                                                                                                                          | polishing preparations, perfume and toilet preparations <ul style="list-style-type: none"> <li>• Manufacture of man-made fibre</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|  | M10: Printing and reproduction of recorded media, | -                                                                                                                                 | <ul style="list-style-type: none"> <li>• This is an opportunity sector wherein informal entrepreneurs if trained skill wise and also platform (such as Youtube /Medium ) onboarding wise can create enterprises that are both formal and lean</li> </ul> | <ul style="list-style-type: none"> <li>• Printing</li> <li>• Engraving, etching and block making etc.</li> <li>• Book and other similar sheet binding on account of others</li> <li>• Reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings, motion pictures and other video recordings, software and data on discs and tapes</li> </ul>                                                                                                                                                                                                                                                                                                          |
|  | M14: Manufacture of rubber and plastics products, | <ul style="list-style-type: none"> <li>• Rubber Board, Ministry of Commerce and Industry, Govt. of India<sup>179</sup></li> </ul> | <ul style="list-style-type: none"> <li>• Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul>                                                                                                         | <ul style="list-style-type: none"> <li>• Manufacture of rubber tyres and tubes for motor vehicles, motorcycles, scooters, three-wheelers, tractors and aircraft</li> <li>• Manufacture of rubber tyres and tubes for cycles and cycle-rickshaws</li> <li>• Retreading of tyres; replacing or rebuilding of tread on used pneumatic tyres</li> <li>• Manufacture of rubber plates, sheets, strips, rods, tubes, pipes, hoses and profile -shapes etc.</li> <li>• Manufacture of rubber conveyors or transmission belts or belting</li> <li>• Manufacture of rubber contraceptives</li> <li>• Manufacture of rubber balloons</li> <li>• Manufacture of semi-finished plastic products (plastic plates,</li> </ul> |

<sup>179</sup> <http://www.rbegp.in/RUBI/LicensingReportsInIndex.do?licensetypepk=1&statepk=0&districtpk=0>

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|  |                                                                                |                                                                                                |                                                                                                                                                                            | sheets, blocks, film, foil, strip etc.)<br><ul style="list-style-type: none"> <li>• Manufacture of tableware, kitchenware and other household articles and toilet articles of plastic, including manufacture of vacuum flasks and other vacuum vessels</li> <li>• Manufacture of plastic articles for the packing of goods (plastic bags, sacks, containers, boxes, cases, carboys, bottles etc.)</li> <li>• Manufacture of bathing tubs, wash-basins, lavatory pans and covers, flushing cisterns and similar sanitary-ware of plastics</li> <li>• Manufacture of travel goods of plastics (suitcase, vanity bags, holdalls and similar articles)</li> <li>• Manufacture of spectacle frames of plastic</li> <li>• Manufacture of moulded industrial accessories of plastics</li> <li>• Manufacture of polymer/ synthetic / PVC water storage tanks</li> </ul> |
|  | M17: Manufacture of fabricated metal products, except machinery and equipment, | <ul style="list-style-type: none"> <li>• Omnibus Industrial Development Corporation</li> </ul> | <ul style="list-style-type: none"> <li>• Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul>                           | <ul style="list-style-type: none"> <li>• Welding</li> <li>• Grinding</li> <li>• Tool Cutting</li> <li>• Gas Cutting</li> <li>• Measuring</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|  | <b>Trade</b>                                                                   |                                                                                                |                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|  | T3: Other wholesale trade,                                                     | <ul style="list-style-type: none"> <li>• MSME-DI</li> </ul>                                    | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in</li> </ul> | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

|  |                         |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                             |
|--|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                         |                                                                                                                                                                                               | efficiency and augmented margins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>Accounting</li> </ul>                                                                                                                                                                                |
|  | T4: Other retail trade, | <ul style="list-style-type: none"> <li>Retailers Association Of India</li> </ul>                                                                                                              | <ul style="list-style-type: none"> <li>The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                              |
|  | <b>Services</b>         |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                             |
|  | S1: Accommodation,      | <ul style="list-style-type: none"> <li>District Tourism Promotion Council</li> <li>State level Tourism Development Corporation</li> <li>Omnibus Industrial Development Corporation</li> </ul> | <ul style="list-style-type: none"> <li>Entrepreneurs can be trained to offer/market ancillary products/services which are of local produce to the tourists who visit the state. This co-selling would help in generating profits for a larger chunk of units from the same clientele</li> <li>State level tourism development corporation portals/e-infrastructure can also be used to list and market local homestay at a fixed commission to the Tourism Development corporations</li> </ul>                                                                                                                                                    | <ul style="list-style-type: none"> <li>Knowledge &amp; Understanding Provision of short stay accommodation</li> <li>Knowledge &amp; Understanding Provision of accommodation mountain shelters</li> <li>Knowledge of Hospitality</li> </ul> |

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|  | S2: Food service activities,       | <ul style="list-style-type: none"> <li>• FSSAI</li> <li>• Food/Restaurant rating platforms such as TripAdvisor/Zomato</li> </ul> | <ul style="list-style-type: none"> <li>• Collaboration with local Catering institutes for innovation in food services for domestic and export consumption</li> <li>• Collaboration with food services specific platforms for augmenting reach of business development and also for sourcing of raw materials</li> <li>• Training of entrepreneurs in the field of Food Hygiene and Safety is of paramount importance and could be a requirement of granting license to operate/avail benefits</li> </ul>                                                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>• Reading &amp; Writing Skills,</li> <li>• Basic Maths,</li> <li>• Hygienic Food Preparation (Cafeterias, fast-food restaurants and other food preparation in market stalls)</li> </ul>         |
|  | S14: Human Health and Social work, | <ul style="list-style-type: none"> <li>• Social welfare department, Daman and Diu</li> </ul>                                     | <ul style="list-style-type: none"> <li>• NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>• Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>• Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and</li> </ul> | <ul style="list-style-type: none"> <li>• Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>• Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |

|                                                                                                                                                                                                                                                                                                                                                                 |                                                          |                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |
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|                                                                                                                                                                                                                                                                                                                                                                 |                                                          |                                                                                                                                      | business model training with focus on healthcare                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>DADRA AND NAGAR HAVELI</b><br><br>Policy Name: Industrial Policy 2018 <sup>180</sup><br>(Nodal agency: District Industries Centre)<br><br>The administration currently provides 50% cost of expenditure incurred subject to a maximum of Rs. 25 lakhs for obtaining patent registration for the developed product in MSME to promote innovation in territory | <b>Manufacturing</b>                                     |                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                 | M5: Manufacture of textiles,                             | <ul style="list-style-type: none"> <li>The Textile Association Delhi, India</li> <li>Indian Technical Textile Association</li> </ul> | <ul style="list-style-type: none"> <li>Govt. policy push can focus on upgradation/creation of textile Clusters, with a focus on welfare schemes for weaver turned entrepreneurs</li> <li>Enabling informal and small firms to move into value-added products; improvement in design and product quality.</li> <li>Reducing lead time in product making by entering into logistics partnerships</li> <li>A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value recognition</li> </ul> | <ul style="list-style-type: none"> <li>Preparation and spinning of textile fibres</li> <li>Weaving of textiles</li> <li>Finishing of textiles</li> <li>Manufacture of knitted and crocheted fabrics</li> <li>Manufacture of made-up textile articles, except apparel</li> <li>Manufacture of carpets and rugs</li> <li>Manufacture of cordage, rope, twine and netting</li> <li>Manufacture of other textiles</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                 | M25: Repair and installation of machinery and equipment, | <ul style="list-style-type: none"> <li>ITIs (Industrial Training Institutes)</li> </ul>                                              | <ul style="list-style-type: none"> <li>Refurbished goods is an emerging field that the existing entrepreneurs involved in repair and installation of machinery and equipment can venture into</li> <li>Management of electronic waste is yet another opportunity that can prove highly useful for these entrepreneurs if they are adequately trained. Regional ITIs and global policy inputs for e-waste management can help in this.</li> </ul>                                                                                                                                                    | <ul style="list-style-type: none"> <li>Welding</li> <li>Rigging</li> <li>Cutting</li> <li>Grinding</li> <li>Balancing &amp; Alignment</li> <li>Blue matching</li> <li>Power tool operation</li> <li>Hand tool operation</li> </ul>                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                 | M10: Printing and                                        | -                                                                                                                                    | <ul style="list-style-type: none"> <li>This is an opportunity sector wherein informal entrepreneurs if</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>Printing</li> </ul>                                                                                                                                                                                                                                                                                                                                                               |

<sup>180</sup> <http://dnh.nic.in/Docs/12July2018/IndustrialPolicy2018.pdf>

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|  | reproduction of recorded media,                                                |                                                                                              | trained skill wise and also platform (such as Youtube /Medium ) onboarding wise can create enterprises that are both formal and lean                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Engraving, etching and block making etc.</li> <li>Book and other similar sheet binding on account of others</li> <li>Reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings, motion pictures and other video recordings, software and data on discs and tapes</li> </ul> |
|  | M17: Manufacture of fabricated metal products, except machinery and equipment, | <ul style="list-style-type: none"> <li>Indian Ferro-Alloys Producers' Association</li> </ul> | <ul style="list-style-type: none"> <li>Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul>                                                                                                                                                              | <ul style="list-style-type: none"> <li>Welding</li> <li>Grinding</li> <li>Tool Cutting</li> <li>Gas Cutting</li> <li>Measuring</li> </ul>                                                                                                                                                                                                                                    |
|  | <b>Trade</b>                                                                   |                                                                                              |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                              |
|  | T3: Other wholesale trade,                                                     | <ul style="list-style-type: none"> <li>MSME-DI</li> </ul>                                    | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                   | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                                                                                                                                                               |
|  | T1: Trade and repair of motor vehicles and motor cycles,                       | <ul style="list-style-type: none"> <li>State Transport Authority</li> </ul>                  | <ul style="list-style-type: none"> <li>Facilitation of collaboration of auto repair entrepreneurs with aggregation platforms such as CarMechanic and others</li> <li>A push for motor repair certifications can lead to quality and competitiveness augmentation of this sub sector in the state</li> </ul> | <ul style="list-style-type: none"> <li>Engine overhaul &amp; servicing</li> <li>Tool operation</li> <li>Accounting</li> </ul>                                                                                                                                                                                                                                                |
|  | <b>Services</b>                                                                |                                                                                              |                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                              |



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|  | S2: Food service activities,       | <ul style="list-style-type: none"> <li>FSSAI</li> <li>Food/Restaurant rating platforms such as TripAdvisor/Zomato</li> </ul> | <ul style="list-style-type: none"> <li>Collaboration with local Catering institutes for innovation in food services for domestic and export consumption</li> <li>Collaboration with food services specific platforms for augmenting reach of business development and also for sourcing of raw materials</li> <li>Training of entrepreneurs in the field of Food Hygiene and Safety is of paramount importance and could be a requirement of granting license to operate/avail benefits</li> </ul> | <ul style="list-style-type: none"> <li>Reading &amp; Writing Skills,</li> <li>Basic Maths,</li> <li>Hygienic Food Preparation (Cafeterias, fast-food restaurants and other food preparation in market stalls)</li> </ul>           |
|  | S13: Education,                    | <ul style="list-style-type: none"> <li>Department of Education - DNH</li> </ul>                                              | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul>                               |
|  | S14: Human Health and Social work, | <ul style="list-style-type: none"> <li>Social Welfare Department, Dadra &amp; Nagar Haveli</li> </ul>                        | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these</li> </ul>    | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                |                                                                                                            | <p>skills for offering relevant services</p> <ul style="list-style-type: none"> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> |                                                                                                                                                                          |
| <p><b>MAHARASHTRA</b></p> <p>Policy Name: Maharashtra Startup Policy 2018<sup>181</sup></p> <p>(Nodal Agency: Department of Industries &amp; Commerce, Maharashtra State Innovation Society (MSInS); Department of Skill Development and Entrepreneurship)</p> <p>Incentives</p> <p>For Startups</p> <ul style="list-style-type: none"> <li>Self-Certification</li> <li>Relaxing Norms</li> <li>Easier Procurement Norms</li> <li>Tax Holiday</li> <li>Stamp Duty &amp; Registration Fees</li> <li>Quality Testing Assistance</li> </ul> | <b>Manufacturing</b>                                                           |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M17: Manufacture of fabricated metal products, except machinery and equipment, | <ul style="list-style-type: none"> <li>Indian Ferro-Alloys Producers' Association</li> </ul>               | <ul style="list-style-type: none"> <li>Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul>                                                                                                                                                                                                                                     | <ul style="list-style-type: none"> <li>Welding</li> <li>Grinding</li> <li>Tool Cutting</li> <li>Gas Cutting</li> <li>Measuring</li> </ul>                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M20: Manufacture of machinery and equipment n.e.c.,                            | <ul style="list-style-type: none"> <li>Institute for Design of Electrical Measuring Instruments</li> </ul> | <ul style="list-style-type: none"> <li>In interest of emerging technologies and global competitiveness, training in 3D printing and making resources of 3D printing available to informal entrepreneurs to complement their hand/traditional skills so that the entrepreneur can also be prepared for smart manufacturing and just in time options of manufacturing</li> </ul>     | <ul style="list-style-type: none"> <li>Welding</li> <li>Grinding</li> <li>Cutting</li> <li>Rigging</li> <li>Machining</li> <li>Lathe working</li> <li>CAD-CAM</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | M25: Repair and installation of machinery and equipment,                       | <ul style="list-style-type: none"> <li>ITIs (Industrial Training Institutes)</li> </ul>                    | <ul style="list-style-type: none"> <li>Refurbished goods is an emerging field that the existing entrepreneurs involved in repair and installation of machinery and equipment can venture into</li> </ul>                                                                                                                                                                           | <ul style="list-style-type: none"> <li>Welding</li> <li>Rigging</li> <li>Cutting</li> <li>Grinding</li> <li>Balancing &amp; Alignment</li> </ul>                         |

<sup>181</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Maharashtra-state-policy.html>

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| <ul style="list-style-type: none"> <li>Patent Filing Assistance</li> </ul> <p>For Incubators</p> <ul style="list-style-type: none"> <li>Establishment of Incubators</li> <li>Virtual Incubation Centre</li> <li>Stamp Duty &amp; Registration Fees</li> </ul> <p>For Fintech Startups:</p> <ul style="list-style-type: none"> <li>Creation of FinTech Corpus Fund</li> <li>Development of Incubation Space for Accelerators &amp; Start-Ups</li> <li>Reimbursement of Internet &amp; Electricity Charges</li> <li>Reimbursement of Expenditure Towards Hosting Infrastructure</li> <li>Reimbursement of State GST</li> <li>Creation of Investment Fund</li> <li>Creation of Maharashtra FinTech Registry</li> </ul> |                                                                |                                                                                                    | <ul style="list-style-type: none"> <li>Management of electronic waste is yet another opportunity that can prove highly useful for these entrepreneurs if they are adequately trained. Regional ITIs and global policy inputs for e-waste management can help in this.</li> </ul>                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Blue matching</li> <li>Power tool operation</li> <li>Hand tool operation</li> </ul>                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M18: Manufacture of computer, electronic and optical products, | <ul style="list-style-type: none"> <li>Computers &amp; Media Dealers' Association, Pune</li> </ul> | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>Circuit designing</li> <li>Soldering</li> <li>Hardware assembly</li> <li>Hardware testing</li> </ul>                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Trade</b>                                                   |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | T3: Other wholesale trade,                                     | <ul style="list-style-type: none"> <li>MSME-DI</li> </ul>                                          | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | T2: Activities of commission agents,                           | -                                                                                                  | <ul style="list-style-type: none"> <li>Most agents depend on learning on the job and a structured training for commission agents is much required with a focus on economics and business of emerging two and multi-sided online platform. Specifically, training is required with a focus on quick thinking, good verbal communication, the ability to barter, strong interpersonal skills, networking ability and a basic understanding of math, economics, markets and related law.</li> <li>Incentive should be given to commissions agents for directing</li> </ul> | <ul style="list-style-type: none"> <li>Negotiation</li> <li>Communication</li> <li>Accounting</li> <li>Computer operation</li> <li>Ethics</li> </ul>           |

|  |                                                         |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                             |
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|  |                                                         |                                                                                                    | the producer to authorized sources of finance and capital (to protect producers from informal and high cost debt)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                             |
|  | <b>Services</b>                                         |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                             |
|  | S11: Professional, Scientific and Technical activities, | <ul style="list-style-type: none"> <li>Directorate of Technical Education, Maharashtra</li> </ul>  | <ul style="list-style-type: none"> <li>Making remote work IT infrastructure (cloud space, Software as a Service and Secure Open Source Software) at low/no cost available by MSDE can help informal entrepreneurs venture into effectivity and possibly formalization</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>Provision of animal health care and control activities for farm animals or pet animals</li> <li>Processing motion picture film related to the motion picture and television industries</li> <li>Basics of Accounting, bookkeeping and auditing activities</li> </ul> |
|  | S14: Human Health and Social work,                      | <ul style="list-style-type: none"> <li>Maharashtra Association of Social Work Educators</li> </ul> | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and</li> </ul> | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul>                                                                          |

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|                                                                                                                                                                                                                                                                                                                                                                                       |                                                             |                                                                                                                 | business model training with focus on healthcare                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                       | S12:<br>Administrative and support service activities,      | -                                                                                                               |                                                                                                                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>• Travel agency, tour operator and other reservation service activities</li> <li>• Photocopying, document preparation and other specialized office support activities,</li> <li>• Understanding of Safety Security Measures,</li> <li>• Landscape care and maintenance service activities,</li> <li>• Cleaning activities,</li> <li>• Organization of conventions and trade shows</li> </ul> <p>Rental and leasing activities (Motor vehicles, Goods etc.)</p> |
| <b>KARNATAKA</b><br><br>Policy Name: Karnataka Startup Policy 2015-2020 <sup>182</sup><br>(Nodal Agency: Department of Information Technology, Biotechnology and Science & Technology, Government of Karnataka)<br><br>Incentives<br><br>For Startups <ul style="list-style-type: none"> <li>• Patent Incentives</li> <li>• Marketing Assistance</li> <li>• Tax Incentives</li> </ul> | <b>Manufacturing</b>                                        |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                       | M15:<br>Manufacture of other non-metallic mineral products, | <ul style="list-style-type: none"> <li>• Karnataka State Minerals Corporation Limited</li> </ul>                | <ul style="list-style-type: none"> <li>• Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>• Dedicated point of contacts for quality checks and environment impact mitigation</li> <li>• Knowledge augmentation about product diversification</li> <li>• Exploration of Export opportunities</li> </ul> | <ul style="list-style-type: none"> <li>• Manufacture of glass and glass products</li> <li>• Manufacture of refractory products</li> <li>• Manufacture of clay building materials</li> <li>• Manufacture of other porcelain and ceramic products</li> <li>• Manufacture of cement, lime and plaster</li> <li>• Manufacture of articles of concrete, cement and plaster</li> <li>• Cutting, shaping and finishing of stone</li> <li>• Manufacture of other non-metallic mineral products</li> </ul>     |
|                                                                                                                                                                                                                                                                                                                                                                                       | M19:<br>Manufacture of                                      | <ul style="list-style-type: none"> <li>• Karnataka State Licensed Electrical Contractors Association</li> </ul> | <ul style="list-style-type: none"> <li>• Promotion of entrepreneurs to further the existing and new</li> </ul>                                                                                                                                                                                                                                     | <ul style="list-style-type: none"> <li>• Re-winding</li> <li>• Rigging</li> <li>• Welding</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                  |

<sup>182</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Karnataka-state-policy.html>

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|  | electrical equipment,                        |                                                                                                                                                                                                                                         | franchises <sup>183</sup> of various electrical appliances and explore parts of electric vehicles (EVs) as a new business vista (including the business of batteries and spares for EVs)                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• Machining</li> <li>• Lathe working</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | M9: Manufacture of paper and paper products, | <ul style="list-style-type: none"> <li>• Indian Paper Manufacturers Association (IPMA)</li> </ul>                                                                                                                                       | <ul style="list-style-type: none"> <li>• Augmentation of skills of informal entrepreneurs working in the paper mills and paper products sector is important</li> <li>• These entrepreneurs while training should also be exposed to diverse paper products being sold in the South East Asian and international markets and if possible in collaboration with NIDs and IITs/NITs should be given a chance for new product development</li> </ul> | <ul style="list-style-type: none"> <li>• Manufacture of pulp, paper and paperboard</li> <li>• Manufacture of corrugated paper and paperboard and containers of paper and paperboard</li> <li>• Manufacture of other articles of paper and paperboard</li> </ul>                                                                                                                                                                                                                                                         |
|  | M2: Manufacture of food products,            | <ul style="list-style-type: none"> <li>• Karnataka State Warehousing Corporation</li> <li>• Farmer Producer Organisation</li> <li>• Karnataka Agri Business Development Corp. (KABDC)</li> <li>• Karnataka Udyog Mitra (KUM)</li> </ul> | <ul style="list-style-type: none"> <li>• Augmentation of cold storage supply chain for transport in other parts of country is a major need</li> <li>• Platform partner and market connect required for the food produce activities that are abundant in state</li> <li>• Skills development in Food Safety</li> </ul>                                                                                                                            | <ul style="list-style-type: none"> <li>• Processing and preserving of meat</li> <li>• Processing and preserving of fish, crustaceans and molluscs and products</li> <li>• Processing and preserving of fruits and vegetables</li> <li>• Manufacture of vegetable and animal oils and fats</li> <li>• Manufacture of dairy products</li> <li>• Manufacture of grain mill products, starches and starch products</li> <li>• Manufacture of other food products</li> <li>• Manufacture of prepared animal feeds</li> </ul> |

<sup>183</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_profile\\_16-17/STATE%20INDUSTRIAL%20PROFILE\\_himanchal.pdf](http://dcmsme.gov.in/dips/state_wise_profile_16-17/STATE%20INDUSTRIAL%20PROFILE_himanchal.pdf)

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|  | <b>Trade</b>                         |                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                      |
|  | T3: Other wholesale trade,           | <ul style="list-style-type: none"> <li>MSME-DI</li> </ul> | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                       |
|  | T2: Activities of commission agents, | <ul style="list-style-type: none"> <li></li> </ul>        | <ul style="list-style-type: none"> <li>Most agents depend on learning on the job and a structured training for commission agents is much required with a focus on economics and business of emerging two and multi-sided online platform. Specifically, training is required with a focus on quick thinking, good verbal communication, the ability to barter, strong interpersonal skills, networking ability and a basic understanding of math, economics, markets and related law.</li> <li>Incentive should be given to commissions agents for directing the producer to authorized sources of finance and capital (to protect producers from informal and high cost debt)</li> </ul> | <ul style="list-style-type: none"> <li>Negotiation</li> <li>Communication</li> <li>Accounting</li> <li>Computer operation</li> <li>Ethics</li> </ul>                                                 |
|  | <b>Services</b>                      |                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                      |
|  | S13: Education,                      | <ul style="list-style-type: none"> <li></li> </ul>        | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul> |

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|  | S14: Human Health and Social work, | <ul style="list-style-type: none"> <li></li> </ul>                                                                           | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |
|  | S2: Food service activities,       | <ul style="list-style-type: none"> <li>FSSAI</li> <li>Food/Restaurant rating platforms such as TripAdvisor/Zomato</li> </ul> | <ul style="list-style-type: none"> <li>Collaboration with local Catering institutes for innovation in food services for domestic and export consumption</li> <li>Collaboration with food services specific platforms for augmenting reach of business development and also for sourcing of raw materials</li> <li>Training of entrepreneurs in the field of Food Hygiene and Safety is of paramount importance and could be a requirement of</li> </ul>                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>Reading &amp; Writing Skills,</li> <li>Basic Maths,</li> <li>Hygienic Food Preparation (Cafeterias, fast-food restaurants and other food preparation in market stalls)</li> </ul>           |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                      |                                                                                                               | granting license to operate/avail benefits                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <p><b>GOA</b></p> <p>Policy Name: Goa Startup Policy-2017<sup>184</sup><br/>(Nodal Agency: Department of Information Technology)<br/>Incentives</p> <p>For Startups</p> <ul style="list-style-type: none"> <li>• Self - Certification</li> <li>• Subsidized Seat Cost</li> <li>• Reimbursement of Stamp Duty</li> <li>• Interest Subvention</li> <li>• Matching Funding</li> <li>• One Time Grant for Startups with MVP</li> <li>• One Time Loan for Startups with MVP</li> <li>• Reimbursement of Patent Cost</li> <li>• Reimbursement of Trademark Registration Cost</li> <li>• Reimbursement for Local Employment</li> <li>• Operating Cost Reimbursement</li> <li>• R&amp;D Expense Reimbursement</li> </ul> <p>For Incubators</p> <ul style="list-style-type: none"> <li>• Development of green field / brown field incubators and</li> </ul> | <p><b>Manufacturing</b></p> <p>M10: Printing and reproduction of recorded media,</p> | <ul style="list-style-type: none"> <li>• Goa Regional Business Association Advertising &amp; Media</li> </ul> | <ul style="list-style-type: none"> <li>• This is an opportunity sector wherein informal entrepreneurs if trained skill wise and also platform (such as Youtube /Medium ) onboarding wise can create enterprises that are both formal and lean</li> </ul>                                                              | <ul style="list-style-type: none"> <li>• Printing</li> <li>• Engraving, etching and block making etc.</li> <li>• Book and other similar sheet binding on account of others</li> <li>• Reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings, motion pictures and other video recordings, software and data on discs and tapes</li> </ul>                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p>M2: Manufacture of food products,</p>                                             | <ul style="list-style-type: none"> <li>• All India Food Processors' Association</li> </ul>                    | <ul style="list-style-type: none"> <li>• Augmentation of cold storage supply chain for transport in other parts of country is a major need</li> <li>• Platform partner and market connect required for the food produce activities that are abundant in state</li> <li>• Skills development in Food Safety</li> </ul> | <ul style="list-style-type: none"> <li>• Processing and preserving of meat</li> <li>• Processing and preserving of fish, crustaceans and molluscs and products</li> <li>• Processing and preserving of fruits and vegetables</li> <li>• Manufacture of vegetable and animal oils and fats</li> <li>• Manufacture of dairy products</li> <li>• Manufacture of grain mill products, starches and starch products</li> <li>• Manufacture of other food products</li> <li>• Manufacture of prepared animal feeds</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <p>M24: Other manufacturing,</p>                                                     | <ul style="list-style-type: none"> <li>• Goa State Industries Association</li> </ul>                          | <ul style="list-style-type: none"> <li>• Development of competitive market orientation of micro sized cluster units vis-a-vis large</li> </ul>                                                                                                                                                                        | <ul style="list-style-type: none"> <li>• Welding</li> <li>• Cutting</li> <li>• Machining</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                     |

<sup>184</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Goa-state-policy.html>

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| <p>accelerators with dedicated facilities either in the form of fully functional or semi functional office spaces for start-ups operating in the areas listed under paragraph (e) of the preamble, would be eligible for loans for infrastructure development through the Economic Development Corporation or banks, equalling the contribution of the promoters, subject to a cap of Rs. 1 Crore.</p> |                                       |                                                                                         | <p>retailers who are eating into margins of micro-sized players. This can achieved with a combination of skill training and apprenticeship in the retail/export sector in person and /or virtually</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>• Tool Operation</li> </ul>                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                        | <p>M23: Manufacture of furniture,</p> | <ul style="list-style-type: none"> <li>• Mapusa furniture association of Goa</li> </ul> | <ul style="list-style-type: none"> <li>• Support in terms of logistics and enlisting of products of entrepreneur on online aggregator platforms to fetch a fair value</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>• Power tool operation</li> <li>• Sanding</li> <li>• Sawing</li> <li>• Woodworking</li> <li>• Carpentry</li> </ul>                |
|                                                                                                                                                                                                                                                                                                                                                                                                        | <p><b>Trade</b></p>                   |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                        | <p>T4: Other retail trade,</p>        | <ul style="list-style-type: none"> <li>• Retailers Association Of India</li> </ul>      | <ul style="list-style-type: none"> <li>• The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>• State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>• To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                        | <p>T3: Other wholesale trade,</p>     | <ul style="list-style-type: none"> <li>• MSME-DI</li> </ul>                             | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul> |

|  | Services                           |                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                             |
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|  | S14: Human Health and Social work, | <ul style="list-style-type: none"> <li>Goan Association of Professional Social Workers (GAPS)</li> </ul>                                  | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare</li> </ul> | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul>          |
|  | S1: Accommodation,                 | <ul style="list-style-type: none"> <li>District Tourism Promotion Council</li> <li>State level Tourism Development Corporation</li> </ul> | <ul style="list-style-type: none"> <li>Entrepreneurs can be trained to offer/market ancillary products/services which are of local produce to the tourists who visit the state. This co-selling would help in generating profits for a larger chunk of units from the same clientele</li> <li>State level tourism development corporation portals/e-infrastructure can also be used to</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>Knowledge &amp; Understanding Provision of short stay accommodation</li> <li>Knowledge &amp; Understanding Provision of accommodation mountain shelters</li> <li>Knowledge of Hospitality</li> </ul> |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                |                                                                                                                            | list and market local homestay at a fixed commission to the Tourism Development corporations                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | S6: Support activities for transportation, postal and courier activities,      | <ul style="list-style-type: none"> <li>All Goa Taxi Association</li> </ul>                                                 | -                                                                                                                                                                                                                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>Vehicle Repair &amp; Maintenance Skills,</li> <li>Motor vehicle Towing,</li> <li>Cargo Handling for Courier &amp; Postal Delivery/Shipment</li> </ul>                                       |
| <p><b>LAKSHADWEEP</b></p> <p>Policy Name: Lakshadweep and Andaman &amp; Nicobar Islands Industrial Development Scheme, (LANIDS) 2018<sup>185</sup></p> <p><b>Incentives</b></p> <p>The following incentives will be provided to eligible industrial units on reimbursement basis:</p> <ol style="list-style-type: none"> <li>Central Capital Investment Incentive for access to credit (CCIIAC)</li> <li>Central Interest Incentive (CII)</li> <li>Central Comprehensive Insurance Incentive (CCII)</li> <li>Goods and Services Tax (GST) Reimbursement</li> <li>Income Tax (IT) Reimbursement</li> <li>Transport Incentive (TI); and</li> <li>Employment Incentive (EI)</li> </ol> | <b>Manufacturing</b>                                                           |                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M25: Repair and installation of machinery and equipment,                       | <ul style="list-style-type: none"> <li>Dr. B.R. Ambedkhar Industrial Training Institute, Kavaratti, Lakshadweep</li> </ul> | <ul style="list-style-type: none"> <li>Refurbished goods is an emerging field that the existing entrepreneurs involved in repair and installation of machinery and equipment can venture into</li> <li>Management of electronic waste is yet another opportunity that can prove highly useful for these entrepreneurs if they are adequately trained. Regional ITIs and global policy inputs for e-waste management can help in this.</li> </ul> | <ul style="list-style-type: none"> <li>Welding</li> <li>Rigging</li> <li>Cutting</li> <li>Grinding</li> <li>Balancing &amp; Alignment</li> <li>Blue matching</li> <li>Power tool operation</li> <li>Hand tool operation</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M17: Manufacture of fabricated metal products, except machinery and equipment, | <ul style="list-style-type: none"> <li>Indian Ferro-Alloys Producers' Association</li> </ul>                               | <ul style="list-style-type: none"> <li>Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul>                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>Welding</li> <li>Grinding</li> <li>Tool Cutting</li> <li>Gas Cutting</li> <li>Measuring</li> </ul>                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M6: Manufacture of wearing apparel,                                            | -                                                                                                                          | <ul style="list-style-type: none"> <li>Growing number of Indian start-ups are making a mark with their ethnic labels</li> <li>Informal units manufacturing wearing apparel can be funded</li> </ul>                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>Manufacture of all types of textile garments and clothing accessories</li> <li>Manufacture of rain coats of waterproof textile fabrics or plastic sheetings</li> </ul>                      |

<sup>185</sup> [https://dipp.gov.in/sites/default/files/LANIDS\\_notification\\_11012019.pdf](https://dipp.gov.in/sites/default/files/LANIDS_notification_11012019.pdf)

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|  |                                |                                                                                    | and mentored to either start their own ethnic label or could supply their produce to existing ethnic labels                                                                                                                                      | <ul style="list-style-type: none"> <li>○ Manufacture of hats, caps and other clothing accessories such gloves, belts, ties, cravats, hairnets etc.</li> <li>○ Manufacture of wearing appare made of leather and substitutes leather</li> <li>○ Custom tailoring</li> <li>○ Manufacture of articles of fur</li> <li>○ Manufacture of knitted or crocheted wearing apparel and other made-up articles directly into shape (pullovers, cardigans, jerseys, waistcoats and similar articles)</li> <li>○ Manufacture of other knitted and crocheted apparel including hosiery</li> </ul> |
|  | M23: Manufacture of furniture, | -                                                                                  | <ul style="list-style-type: none"> <li>● Support in terms of logistics and enlisting of products of entrepreneur on online aggregator platforms to fetch a fair value</li> </ul>                                                                 | <ul style="list-style-type: none"> <li>● Power tool operation</li> <li>● Sanding</li> <li>● Sawing</li> <li>● Woodworking</li> <li>● Carpentry</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                           |
|  | <b>Trade</b>                   |                                                                                    |                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  | T3: Other wholesale trade,     | <ul style="list-style-type: none"> <li>● MSME-DI</li> </ul>                        | <ul style="list-style-type: none"> <li>● B2B mobile enabled marketplace which is connected with the mainland for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul> | <ul style="list-style-type: none"> <li>● Economics &amp; Business</li> <li>● Negotiation</li> <li>● Networking</li> <li>● Communication</li> <li>● Accounting</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                            |
|  | T4: Other retail trade,        | <ul style="list-style-type: none"> <li>● Retailers Association Of India</li> </ul> | <ul style="list-style-type: none"> <li>● The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> </ul>                                           | <ul style="list-style-type: none"> <li>● Economics &amp; Business</li> <li>● Negotiation</li> <li>● Networking</li> <li>● Communication</li> <li>● Accounting</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                            |

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|  |                                   |                                                                                                                              | <ul style="list-style-type: none"> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul>              |                                                                                                                                                                                                                          |
|  | <b>Services</b>                   |                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                          |
|  | S7:Information and Communication, | <ul style="list-style-type: none"> <li>Lakshadweep Information Technology Services Society</li> </ul>                        | <ul style="list-style-type: none"> <li>Technical and vocational training that is at the cusp of ICT and SDG will help train people in setting up of units of their own</li> </ul>                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>News agency activities (news syndicate and news agency activities furnishing news, pictures and features to the media),</li> <li>Telephone based information services</li> </ul>  |
|  | S2: Food service activities,      | <ul style="list-style-type: none"> <li>FSSAI</li> <li>Food/Restaurant rating platforms such as TripAdvisor/Zomato</li> </ul> | <ul style="list-style-type: none"> <li>Collaboration with local Catering institutes for innovation in food services for domestic and export consumption</li> <li>Collaboration with food services specific platforms for augmenting reach of business development and also for sourcing of raw materials</li> <li>Training of entrepreneurs in the field of Food Hygiene and Safety is of paramount importance and could be a requirement of granting license to operate/avail benefits</li> </ul> | <ul style="list-style-type: none"> <li>Reading &amp; Writing Skills,</li> <li>Basic Maths,</li> <li>Hygienic Food Preparation (Cafeterias, fast-food restaurants and other food preparation in market stalls)</li> </ul> |

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S11:<br>Professional,<br>Scientific and<br>Technical<br>activities, | <ul style="list-style-type: none"> <li>Society for Promotion of Nature Tourism and Sports (SPORTS)</li> </ul>    | <ul style="list-style-type: none"> <li>Making remote work IT infrastructure (cloud space, Software as a Service and Secure Open Source Software) at low/no cost available by MSDE can help informal entrepreneurs venture into effectivity and possibly formalization</li> </ul>                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>Provision of animal health care and control activities for farm animals or pet animals</li> <li>Processing motion picture film related to the motion picture and television industries</li> <li>Basics of Accounting, bookkeeping and auditing activities</li> </ul>                                                                                                                                                                                                                             |
| <p><b>KERALA</b></p> <p>Policy Name: Kerala Startup Policy 2017<sup>186</sup></p> <p>(Nodal Agency: Kerala Startup Mission)</p> <p>Incentives</p> <p>For Startups</p> <ul style="list-style-type: none"> <li>Early Stage Equity Funding</li> <li>Early Stage KSUM Seed Fund</li> <li>Entrepreneur Support Scheme</li> <li>Government as Marketplace</li> <li>Idea Day</li> <li>Incubation</li> <li>Investor Cafe</li> <li>Marketing Support to Startups</li> <li>Patent Support Scheme</li> </ul> | <b>Manufacturing</b>                                                |                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | M12:<br>Manufacture of chemicals and chemical products,             | <ul style="list-style-type: none"> <li>Automotive Component Manufacturers Association of India (ACMA)</li> </ul> | <ul style="list-style-type: none"> <li>Entrepreneurs can be trained in new and emerging techniques in the chemical sector with a focus on raw materials available in Kerala</li> <li>Organic/Natural chemicals have a growing demand in national and international market.</li> <li>Government can help and educate Chemical and chemical based companies in the region to innovate and venture into products organic/natural chemicals and chemical products</li> </ul> | <ul style="list-style-type: none"> <li>Manufacture of basic chemicals</li> <li>Manufacture of fertilizers and nitrogen compounds</li> <li>Manufacture of plastics and synthetic rubber in primary form</li> <li>Manufacture of pesticides and other agrochemical products</li> <li>Manufacture of paints, varnishes and similar coatings, printing inks and mastics</li> <li>Manufacture of soap and detergents, cleaning and polishing preparations, perfume and toilet preparations</li> <li>Manufacture of man-made fibre</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | M3:<br>Manufacture of beverages,                                    | <ul style="list-style-type: none"> <li>Kerala State Beverages (M&amp;M) Corporation Limited</li> </ul>           | <ul style="list-style-type: none"> <li>Graduates of regional ITIs and training institutes who have skills of manufactured beverages need to be supported to position their produce in a quality manner in local market ecosystem</li> </ul>                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials</li> <li>Manufacture of wines</li> <li>Manufacture of malt liquors and malt</li> <li>Manufacture of soft drinks; production of mineral waters and other bottled waters</li> </ul>                                                                                                                                                                                                              |

<sup>186</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Kerala-state-policy.html>

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| <ul style="list-style-type: none"> <li>Unique ID - Startup Recognition</li> <li>Kerala Startup Mission in order to support the women entrepreneurs has introduced women entrepreneurship support program: <ul style="list-style-type: none"> <li>Pre Incubation Support</li> <li>Business Support</li> <li>Seed Funding Support</li> </ul> </li> </ul> <p>For Funding Support</p> <ul style="list-style-type: none"> <li>Government shall encourage Kerala focussed funds to start operations in the state and shall take participation in the same upto 25% as limited partner. The fund shall be managed as per the rules and regulations of the fund.</li> </ul> |                                                          |                                                                                    |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M10: Printing and reproduction of recorded media,        | <ul style="list-style-type: none"> <li>Kerala Printers Association</li> </ul>      | <ul style="list-style-type: none"> <li>This is an opportunity sector wherein informal entrepreneurs if trained skill wise and also platform (such as Youtube /Medium ) onboarding wise can create enterprises that are both formal and lean</li> </ul>                                                                                     | <ul style="list-style-type: none"> <li>Printing</li> <li>Engraving, etching and block making etc.</li> <li>Book and other similar sheet binding on account of others</li> <li>Reproduction from master copies of gramophone records, compact discs and tapes with music or other sound recordings, motion pictures and other video recordings, software and data on discs and tapes</li> </ul>                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M15: Manufacture of other non-metallic mineral products, | <ul style="list-style-type: none"> <li>Department of Mining and Geology</li> </ul> | <ul style="list-style-type: none"> <li>Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>Dedicated point of contacts for quality checks and environment impact mitigation</li> <li>Knowledge augmentation about product diversification</li> <li>Exploration of Export opportunities</li> </ul> | <ul style="list-style-type: none"> <li>Manufacture of glass and glass products</li> <li>Manufacture of refractory products</li> <li>Manufacture of clay building materials</li> <li>Manufacture of other porcelain and ceramic products</li> <li>Manufacture of cement, lime and plaster</li> <li>Manufacture of articles of concrete, cement and plaster</li> <li>Cutting, shaping and finishing of stone</li> <li>Manufacture of other non-metallic mineral products</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Trade</b>                                             |                                                                                    |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | T3: Other wholesale trade,                               | <ul style="list-style-type: none"> <li>MSME-DI</li> </ul>                          | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in efficiency and augmented margins</li> </ul>                                                                                                                                  | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                                                                                                                                                                                                                                                                    |



|  |                                    |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                    |
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|  | T4: Other retail trade,            | <ul style="list-style-type: none"> <li>Retailers Association Of India</li> </ul> | <ul style="list-style-type: none"> <li>The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                     |
|  | <b>Services</b>                    |                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                    |
|  | S14: Human Health and Social work, |                                                                                  | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> <li>Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> <li>Frugal innovation and entrepreneurs working in health diagnostics using minimal</li> </ul>                    | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other paramedical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |

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|                                                                                                         |                                           |                                                                                                                                                                                               | invasion and existing tools/devices – particularly in remote locations – needs to be encouraged using training in international best practices and business model training with focus on healthcare                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                             |
|                                                                                                         | S1: Accommodation,                        | <ul style="list-style-type: none"> <li>Director, Department of Tourism, Kerala Government</li> <li>Kerala Homestay and Tourism Society</li> <li>District Tourism Promotion Council</li> </ul> | <ul style="list-style-type: none"> <li>Entrepreneurs can be trained to offer/market ancillary products/services which are of local produce to the tourists who visit the state. This co-selling would help in generating profits for a larger chunk of units from the same clientele</li> <li>State level tourism development corporation portals/e-infrastructure can also be used to list and market local homestay at a fixed commission to the Tourism Development corporations</li> </ul> | <ul style="list-style-type: none"> <li>Knowledge &amp; Understanding Provision of short stay accommodation</li> <li>Knowledge &amp; Understanding Provision of accommodation mountain shelters</li> <li>Knowledge of Hospitality</li> </ul> |
|                                                                                                         | S13: Education,                           | <ul style="list-style-type: none"> <li></li> </ul>                                                                                                                                            | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul>                                        |
| <b>TAMIL NADU</b><br><br>Policy Name: Tamil Nadu Startup & Innovation Policy 2018 - 2023 <sup>187</sup> | <b>Manufacturing</b>                      |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                             |
|                                                                                                         | M19: Manufacture of electrical equipment, | <ul style="list-style-type: none"> <li>Tamil Nadu Electrical Installation Engineers' Association</li> </ul>                                                                                   | <ul style="list-style-type: none"> <li>Promotion of entrepreneurs to further the existing and new franchises<sup>188</sup> of various electrical appliances and explore parts of</li> </ul>                                                                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>Re-winding</li> <li>Rigging</li> <li>Welding</li> <li>Machining</li> </ul>                                                                                                                           |

<sup>187</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Tamil-Nadu-state-policy.html>

<sup>188</sup> [http://dcmsme.gov.in/dips/state\\_wise\\_profile\\_16-17/STATE%20INDUSTRIAL%20PROFILE\\_himanchal.pdf](http://dcmsme.gov.in/dips/state_wise_profile_16-17/STATE%20INDUSTRIAL%20PROFILE_himanchal.pdf)

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| <p>(Nodal Agency: Entrepreneurship Development and Innovation Institute)</p> <p>Incentives</p> <p>For Startups</p> <ul style="list-style-type: none"> <li>• Ease of Doing Business</li> <li>• Resource Centre &amp; Registry</li> <li>• Help Centre</li> <li>• Policy Simplification</li> <li>• Intellectual property (IP) Support Centres</li> <li>• Procurement</li> <li>• Funding</li> <li>• Grants</li> </ul> <p>For Incubators</p> <ul style="list-style-type: none"> <li>• CSR Funding</li> <li>• Allotment of Land</li> </ul> |                                                                                |                                                                                                                       | electric vehicles (EVs) as a new business vista (including the business of batteries and spares for EVs)                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• Lathe working</li> </ul>                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | M21: Manufacture of motor vehicles, trailers and semi-trailers,                | <ul style="list-style-type: none"> <li>• Automotive Component Manufacturers Association of India (ACMA)</li> </ul>    | <ul style="list-style-type: none"> <li>• Supporting auto industry in terms of incentives and continuous supply of power (electricity) and access to ports (which are experiences high traffic in the state and are congested) could further enable entrepreneurs and the ancillary industries<sup>189</sup></li> </ul>                                                           | <ul style="list-style-type: none"> <li>• Power tool operation</li> <li>• Hand tool operation</li> <li>• Automobile assembly</li> <li>• Engine testing</li> <li>• Quality control</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | M20: Manufacture of machinery and equipment n.e.c.,                            | <ul style="list-style-type: none"> <li>• The Southern India Engineering Manufacturers' Association (SIEMA)</li> </ul> | <ul style="list-style-type: none"> <li>• In interest of emerging technologies and global competitiveness, training in 3D printing and making resources of 3D printing available to informal entrepreneurs to complement their hand/traditional skills so that the entrepreneur can also be prepared for smart manufacturing and just in time options of manufacturing</li> </ul> | <ul style="list-style-type: none"> <li>• Welding</li> <li>• Grinding</li> <li>• Cutting</li> <li>• Rigging</li> <li>• Machining</li> <li>• Lathe working</li> <li>• CAD-CAM</li> </ul>      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | M17: Manufacture of fabricated metal products, except machinery and equipment, | <ul style="list-style-type: none"> <li>• Indian Ferro-Alloys Producers' Association</li> </ul>                        | <ul style="list-style-type: none"> <li>• Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul>                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>• Welding</li> <li>• Grinding</li> <li>• Tool Cutting</li> <li>• Gas Cutting</li> <li>• Measuring</li> </ul>                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Trade</b>                                                                   |                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | T3: Other wholesale trade,                                                     | <ul style="list-style-type: none"> <li>• MSME-DI</li> </ul>                                                           | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and order acquisition can bring in</li> </ul>                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> </ul>                                          |

<sup>189</sup> <https://www.isc.hbs.edu/resources/courses/moc-course-at-harvard/Documents/pdf/student-projects/MOC%20Tamil%20Nadu%20Auto%20Cluster%20Final.pdf>

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|  |                                    |                                                                                                   | efficiency and augmented margins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>Accounting</li> </ul>                                                                                                                                                                        |
|  | T4: Other retail trade,            | <ul style="list-style-type: none"> <li>Retailers Association Of India</li> </ul>                  | <ul style="list-style-type: none"> <li>The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                      |
|  | <b>Services</b>                    |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                     |
|  | S13: Education,                    | <ul style="list-style-type: none"> <li>Tamil Nadu Teachers Association</li> </ul>                 | <ul style="list-style-type: none"> <li>Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>Primary education,</li> <li>Technical and vocational secondary education,</li> <li>Other education (n.e.c.),</li> <li>Educational support services</li> </ul>                                |
|  | S14: Human Health and Social work, | <ul style="list-style-type: none"> <li>Tamil Nadu Council for Professional Social Work</li> </ul> | <ul style="list-style-type: none"> <li>NGOs and Self Help Groups existing in the region needs to be connected with entrepreneurs working in the social work sub-sector as well as impact investment firms that fund initiatives if these entrepreneurs</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>Activities of nurses, masseurs, physiotherapists or other para medical practitioners,</li> <li>Other human health activities n.e.c. (including independent ambulance activities),</li> </ul> |

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|                                                                                                                                                                                                                                                                                                                      |                                   |                                                                                                               | <ul style="list-style-type: none"> <li>• Training people in MedTech sector – particularly fields at the cusp of ICT and Health from a paramedical perspective such as telemedicine and remote medical procedures. This help in entrepreneurs leveraging these skills for offering relevant services</li> </ul>                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                      | S1: Accommodation,                | <ul style="list-style-type: none"> <li>• State level Tourism Development Corporation</li> </ul>               | <ul style="list-style-type: none"> <li>• Entrepreneurs can be trained to offer/market ancillary products/services which are of local produce to the tourists who visit the state. This co-selling would help in generating profits for a larger chunk of units from the same clientele</li> <li>• State level tourism development corporation portals/e-infrastructure can also be used to list and market local homestay at a fixed commission to the Tourism Development corporations</li> </ul> | <ul style="list-style-type: none"> <li>• Knowledge &amp; Understanding Provision of short stay accommodation</li> <li>• Knowledge &amp; Understanding Provision of accommodation mountain shelters</li> <li>• Knowledge of Hospitality</li> </ul>                                                                                             |
| <b>PUDUCHERRY</b><br><br>Aspring Puducherry - Innovations & Startup Policy 2019 <sup>190</sup><br><br><b>Fiscal Incentives</b><br>All the incentives applicable in the Industrial Policy, 2016 shall be applicable to the Startups<br>The Startups can claim incentives of State Government, Government of India and | <b>Manufacturing</b>              |                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                      | M2: Manufacture of food products, | <ul style="list-style-type: none"> <li>• FSSAI</li> <li>• Office of the Deputy Director (F&amp;VP)</li> </ul> | <ul style="list-style-type: none"> <li>• Augmentation of cold storage supply chain for transport in other parts of country is a major need</li> <li>• Platform partner and market connect required for the food produce activities that are abundant in state</li> <li>• Skills development in Food Safety</li> </ul>                                                                                                                                                                              | <ul style="list-style-type: none"> <li>• Processing and preserving of meat</li> <li>• Processing and preserving of fish, crustaceans and molluscs and products</li> <li>• Processing and preserving of fruits and vegetables</li> <li>• Manufacture of vegetable and animal oils and fats</li> <li>• Manufacture of dairy products</li> </ul> |

<sup>190</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Puducherry-state-policy.html>

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| <p>Government of India Agencies. The Startup Cell shall assist the Startups in claiming incentives. However, the quantum of incentives for a particular component under the Government of India and Government of Puducherry schemes together shall be limited to 75% of the capex of that particular component</p> <p><b>Non-Fiscal Incentives</b><br/>A cloud server with necessary software shall be facilitated to connect all incubators across the state. Enterprise Resource Planning (ERP) software shall be made available to all incubators for free to use by the Startups Recognized Startups shall have free access to Universities/Government libraries, Government laboratories through the incubators</p> |                                                          |                                                                                                                                                  |                                                                                                                                                  | <ul style="list-style-type: none"> <li>• Manufacture of grain mill products, starches and starch products</li> <li>• Manufacture of other food products</li> <li>• Manufacture of prepared animal feeds</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>M14: Manufacture of rubber and plastics products,</p> | <ul style="list-style-type: none"> <li>• Rubber Board, Ministry of Commerce and Industry, Govt. of India<sup>191</sup></li> <li>• DIC</li> </ul> | <ul style="list-style-type: none"> <li>• Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul> | <ul style="list-style-type: none"> <li>• Manufacture of rubber tyres and tubes for motor vehicles, motorcycles, scooters, three-wheelers, tractors and aircraft</li> <li>• Manufacture of rubber tyres and tubes for cycles and cycle-rickshaws</li> <li>• Retreading of tyres; replacing or rebuilding of tread on used pneumatic tyres</li> <li>• Manufacture of rubber plates, sheets, strips, rods, tubes, pipes, hoses and profile -shapes etc.</li> <li>• Manufacture of rubber conveyors or transmission belts or belting</li> <li>• Manufacture of rubber contraceptives</li> <li>• Manufacture of rubber balloons</li> <li>• Manufacture of semi-finished plastic products (plastic plates, sheets, blocks, film, foil, strip etc.)</li> <li>• Manufacture of tableware, kitchenware and other household articles and toilet articles of plastic, including manufacture of vacuum flasks and other vacuum vessels</li> <li>• Manufacture of plastic articles for the packing of goods (plastic</li> </ul> |

<sup>191</sup> <http://www.rbegp.in/RUBI/LicensingReportsInIndex.do?licensetypepk=1&statepk=0&districtpk=0>

|  |                                                                                |                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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|  |                                                                                |                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                  | bags, sacks, containers, boxes, cases, carboys, bottles etc.) <ul style="list-style-type: none"> <li>• Manufacture of bathing tubs, wash-basins, lavatory pans and covers, flushing cisterns and similar sanitary-ware of plastics</li> <li>• Manufacture of travel goods of plastics (suitcase, vanity bags, holdalls and similar articles)</li> <li>• Manufacture of spectacle frames of plastic</li> <li>• Manufacture of moulded industrial accessories of plastics</li> <li>• Manufacture of polymer/ synthetic / PVC water storage tanks</li> </ul> |
|  | M17: Manufacture of fabricated metal products, except machinery and equipment, | <ul style="list-style-type: none"> <li>• Indian Ferro-Alloys Producers' Association</li> </ul>                                                    | <ul style="list-style-type: none"> <li>• Enabling firms to move into value-added products; improvement in design and product quality.</li> </ul>                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>• Welding</li> <li>• Grinding</li> <li>• Tool Cutting</li> <li>• Gas Cutting</li> <li>• Measuring</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                       |
|  | M21: Manufacture of motor vehicles, trailers and semi-trailers,                | <ul style="list-style-type: none"> <li>• Transport Department, Govt. of Puducherry</li> <li>• Automobile Association Of Southern India</li> </ul> | <ul style="list-style-type: none"> <li>• In interest of emerging technologies and global competitiveness, training in 3D printing and making resources of 3D printing available to informal entrepreneurs to complement their hand/traditional skills so that the entrepreneur can also be prepared for smart manufacturing and just in time options of manufacturing</li> </ul> | <ul style="list-style-type: none"> <li>• Power tool operation</li> <li>• Hand tool operation</li> <li>• Automobile assembly</li> <li>• Engine testing</li> <li>• Quality control</li> </ul>                                                                                                                                                                                                                                                                                                                                                               |
|  | <b>Trade</b>                                                                   |                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|  | T3: Other wholesale trade,                                                     | <ul style="list-style-type: none"> <li>• KVIB, Puducherry</li> </ul>                                                                              | <ul style="list-style-type: none"> <li>• B2B mobile enabled marketplace for easy information, price discovery, price bidding and</li> </ul>                                                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|  |                                                         |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                             |
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|  |                                                         |                                                                                                    | order acquisition can bring in efficiency and augmented margins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                                                                                                     |
|  | T4: Other retail trade,                                 | <ul style="list-style-type: none"> <li>• Retailers Association Of India</li> </ul>                 | <ul style="list-style-type: none"> <li>• The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>• State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>• To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>• Economics &amp; Business</li> <li>• Negotiation</li> <li>• Networking</li> <li>• Communication</li> <li>• Accounting</li> </ul>                                                                    |
|  | <b>Services</b>                                         |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                             |
|  | S13: Education,                                         | <ul style="list-style-type: none"> <li>• Puducherry Private School Teachers Association</li> </ul> | <ul style="list-style-type: none"> <li>• Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>• Primary education,</li> <li>• Technical and vocational secondary education,</li> <li>• Other education (n.e.c.),</li> <li>• Educational support services</li> </ul>                                |
|  | S11: Professional, Scientific and Technical activities, | <ul style="list-style-type: none"> <li>• Pondicherry Science Forum (PSF)</li> </ul>                | <ul style="list-style-type: none"> <li>• Making remote work IT infrastructure (cloud space, Software as a Service and Secure Open Source Software) at low/no cost available by MSDE can help informal entrepreneurs venture</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>• Provision of animal health care and control activities for far animals or pet animals</li> <li>• Processing motion picture film related to the motion picture and television industries</li> </ul> |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |                                                                                                                 | into effectivity and possibly formalization                                                                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>Basics of Accounting, bookkeeping and auditing activities</li> </ul>                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | S3: Land transport,                                      | <ul style="list-style-type: none"> <li>Pondicherry Goods Lorry Owners And Booking Agents Association</li> </ul> | -                                                                                                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>Driving Skills &amp; Driving Etiquettes (including the picking up and setting down of passengers),</li> <li>Developing Skills of motorised as well as non-motorised freight transport &amp; handling</li> </ul>                                                                                                                                                                                                                            |
| <p><b>ANDAMAN AND NICOBAR ISLANDS</b></p> <p>On 30 December 2018, Hon'ble Prime Minister Shri Narendra Modi launched the Innovation and Startup policy for Andaman &amp; Nicobar Islands, making it the first UT to have a dedicated policy for startups<sup>192</sup>.</p> <p><b>Incentives for Enterprises/Startups</b></p> <ul style="list-style-type: none"> <li>Self-certification and Compliance Incentives</li> <li>Startup Monthly Allowance</li> <li>Startup Growth Grant</li> <li>Marketing Assistance</li> <li>Subsidized Incubation/Co-Working</li> <li>Patent Cost Reimbursement</li> <li>GST Reimbursement</li> </ul> | <b>Manufacturing</b>                                     |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M15: Manufacture of other non-metallic mineral products, | -                                                                                                               | <ul style="list-style-type: none"> <li>Skillsets of entrepreneurs in advanced polishing &amp; cutting needs to be upgraded</li> <li>Dedicated point of contacts for quality checks and environment impact mitigation</li> <li>Knowledge augmentation about product diversification</li> <li>Exploration of Export opportunities</li> </ul> | <ul style="list-style-type: none"> <li>Manufacture of glass and glass products</li> <li>Manufacture of refractory products</li> <li>Manufacture of clay building materials</li> <li>Manufacture of other porcelain and ceramic products</li> <li>Manufacture of cement, lime and plaster</li> <li>Manufacture of articles of concrete, cement and plaster</li> <li>Cutting, shaping and finishing of stone</li> <li>Manufacture of other non-metallic mineral products</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | M10: Printing and reproduction of recorded media,        | <ul style="list-style-type: none"> <li>Andaman and Nicobar Media Federation</li> </ul>                          | <ul style="list-style-type: none"> <li>This is an opportunity sector wherein informal entrepreneurs if trained skill wise and also platform (such as Youtube /Medium ) onboarding wise can create enterprises that are both formal and lean</li> </ul>                                                                                     | <ul style="list-style-type: none"> <li>Printing</li> <li>Engraving, etching and block making etc.</li> <li>Book and other similar sheet binding on account of others</li> <li>Reproduction from master copies of gramophone records, compact discs and tapes with music or</li> </ul>                                                                                                                                                                                             |

<sup>192</sup> <https://www.investindia.gov.in/team-india-blogs/andaman-nicobar-islands-startup-scheme>

|                                                                                                                                                                                                                                     |                                |                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                 |
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| <ul style="list-style-type: none"> <li>Digital Technology Subsidy</li> <li>Power Subsidy</li> <li>Cloud Services/Software Support</li> <li>Facilitating Startup Exchanges</li> <li>A&amp;N Innovation Fund<sup>193</sup></li> </ul> |                                |                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | other sound recordings, motion pictures and other video recordings, software and data on discs and tapes                                        |
|                                                                                                                                                                                                                                     | M24: Other manufacturing,      | <ul style="list-style-type: none"> <li>Andaman and Nicobar Islands Integrated Development Corporation Limited (ANIIDCO)</li> </ul> | <ul style="list-style-type: none"> <li>Development of competitive market orientation of micro sized cluster units vis-a-vis large retailers who are eating into margins of micro-sized players. This can be achieved with a combination of skill training and apprenticeship in the retail/export sector in person and /or virtually</li> <li>A state level push for export promotion with collaboration with national and international technology platforms is suggested for augmented business growth and value recognition. This would also help entrepreneurs of A&amp;N Islands to differentiate and gauge changing customer demands</li> </ul> | <ul style="list-style-type: none"> <li>Welding</li> <li>Cutting</li> <li>Machining</li> <li>Tool Operation</li> </ul>                           |
|                                                                                                                                                                                                                                     | M23: Manufacture of furniture, | <ul style="list-style-type: none"> <li>KVIB</li> <li>KVIC</li> </ul>                                                               | <ul style="list-style-type: none"> <li>Support in terms of logistics and enlisting of products of entrepreneur on online aggregator platforms to fetch a fair value</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>Power tool operation</li> <li>Sanding</li> <li>Sawing</li> <li>Woodworking</li> <li>Carpentry</li> </ul> |
|                                                                                                                                                                                                                                     | Trade                          |                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                 |
|                                                                                                                                                                                                                                     | T3: Other wholesale trade,     | <ul style="list-style-type: none"> <li>MSME-DI</li> </ul>                                                                          | <ul style="list-style-type: none"> <li>B2B mobile enabled marketplace which is connected with the mainland for easy information, price discovery, price bidding and order acquisition can bring in</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> </ul>      |

<sup>193</sup> <https://www.startupindia.gov.in/content/sih/en/startup-scheme/state-startup-policies/Andaman-and-Nicobar-Islands-state-policy.html>

|  |                         |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                             |
|--|-------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                         |                                                                                                            | efficiency and augmented margins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <ul style="list-style-type: none"> <li>Accounting</li> </ul>                                                                                                                                                                                |
|  | T4: Other retail trade, | <ul style="list-style-type: none"> <li>Andaman Chamber of Commerce &amp; Industry<sup>194</sup></li> </ul> | <ul style="list-style-type: none"> <li>The retail trade organization be should be encouraged to formulate partnerships and SPVs for development of new markets and for logistics support.</li> <li>State/Government backed digital marketing avenues and incentives can help to eliminate mediators and improve linkages between farmers, food processors, small time artisans/manufacturers and retailers.</li> <li>To reach a wider level of consumers especially in Tier 2 and Tier 3 cities and other countries where retail stores of the State do not exist eCommerce and mCommerce entrepreneurs can be encouraged and nurtured</li> </ul> | <ul style="list-style-type: none"> <li>Economics &amp; Business</li> <li>Negotiation</li> <li>Networking</li> <li>Communication</li> <li>Accounting</li> </ul>                                                                              |
|  | <b>Services</b>         |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                             |
|  | S1: Accommodation,      | <ul style="list-style-type: none"> <li>State level Tourism Development Corporation</li> </ul>              | <ul style="list-style-type: none"> <li>Entrepreneurs can be trained to offer/market ancillary products/services which are of local produce to the tourists who visit the state. This co-selling would help in generating profits for a larger chunk of units from the same clientele</li> <li>State level tourism development corporation portals/e-infrastructure can also be used to list and market local homestay at a fixed commission to the</li> </ul>                                                                                                                                                                                     | <ul style="list-style-type: none"> <li>Knowledge &amp; Understanding Provision of short stay accommodation</li> <li>Knowledge &amp; Understanding Provision of accommodation mountain shelters</li> <li>Knowledge of Hospitality</li> </ul> |

<sup>194</sup> <https://andamanchamber.com/members.php>

|  |                              |                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                               |
|--|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                              |                                                                                                                                                                                        | Tourism Development corporations                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                               |
|  | S13: Education,              | <ul style="list-style-type: none"> <li>• Educational Counsellors Welfare Association andaman &amp; nicobar</li> <li>• Association of Catholic Andaman &amp; Nicobar Islands</li> </ul> | <ul style="list-style-type: none"> <li>• Education and edtech entrepreneurs should be adequately equipped and trained so that the Gross Enrolment Ratio (GER) and allied parameters get a boost in the state. They can act as a complement to existing offline and online educational services</li> </ul>                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>• Primary education,</li> <li>• Technical and vocational secondary education,</li> <li>• Other education (n.e.c.),</li> <li>• Educational support services</li> </ul>                  |
|  | S2: Food service activities, | <ul style="list-style-type: none"> <li>• FSSAI<sup>195</sup></li> <li>• Food/Restaurant rating platforms such as TripAdvisor/Zomato</li> </ul>                                         | <ul style="list-style-type: none"> <li>• Collaboration with local Catering institutes for innovation in food services for domestic and export consumption</li> <li>• Collaboration with food services specific platforms for augmenting reach of business development and also for sourcing of raw materials</li> <li>• Training of entrepreneurs in the field of Food Hygiene and Safety is of paramount importance and could be a requirement of granting license to operate/avail benefits</li> </ul> | <ul style="list-style-type: none"> <li>• Reading &amp; Writing Skills,</li> <li>• Basic Maths,</li> <li>• Hygienic Food Preparation (Cafeterias, fast-food restaurant and other food preparation in market stalls)</li> </ul> |

<sup>195</sup> <https://legaldocs.co.in/fssai-registration-in-andaman-and-nicobar-islands>

## ANNEXURE 4

### ANALYSIS OF PRIMARY DATA

#### A4.1 INTRODUCTION

This chapter primarily deals with the primary data – particularly - its collection, descriptive analysis and presentation as described in the subsequent sections of this chapter. Six sets of data were collected using semi-structured questionnaire that gathered data from informal enterprises. The questions ranged from general information, demographics to specific details focusing on the capital and labor side of the informal enterprises<sup>196</sup>.

One set of data was collected by the help of MSDE/NIESBUD/IIE<sup>197</sup> from the informal sectors of food, wood and tailoring. This has been described in the section following the sector on ToR and Questionnaire mapping. This is followed by the primary data collected by Team MDI from the Delhi NCR region pertaining to the informal sectors of plant nursery, coaching institutes, crèche and bicycle repair shops. This is followed by the primary data collected by Team MDI from the Delhi NCR region pertaining to the informal sectors of eateries and dhabas<sup>198</sup>. This is followed by the primary data collected by Team MDI from the Delhi NCR region pertaining to the informal sectors of automobile repair shops and garages. This is followed by the primary data collected by Team MDI from the Delhi NCR region pertaining to the informal sectors of beauty salons. This is followed by the primary data collected by Team MDI from the Delhi NCR region pertaining to the informal sectors of construction and fabricated construction material. Finally, the chapter has a section on important highlights and conclusion of insights from the primary data collected – with a focus on identification of challenges and opportunities in the context of informal sector in India.

#### A4.2 Terms of Reference (ToR) and Questionnaire mapping

Indian informal economy, like any other, is a multifaceted and diverse phenomenon. Thus, each situation in the informal sector poses different challenges and solutions. Today, the informal economy is marred by low wages, seasonal unemployment, absence of bargaining skills, lack of access to credit and inability to access government schemes and policies which hamper prospects of growth. Considering these socio-economic realities, the project team started mapping and devising of questions in accordance with the terms of reference (objectives and scope).

Objectives of Terms of Reference (ToR) were three viz.

Objective 1. Understanding the ‘spread and depth’ of informal enterprises in India, highlighting the challenges faced by them and proposing action points for MSDE to enable their movement towards Formal Sector.

Objective 2. Developing a Framework for MSDE to provide entrepreneurial support to informal enterprises, especially by aligning the current initiatives taken by multiple Ministries in Informal Sector and strengthening the existing support.

Objective 3. Identifying appropriate solutions including technology integration that support the movement of informal enterprises towards formalization through Policy as well as Funding Support.

Out of these three objectives, the relevant portions of objectives for the questionnaire were Objective 1 and 3 and second half of objective 2 (since first half dealt with development of framework which necessitating more unstructured and secondary data inputs). The detailed mapping of objectives and questions of the questionnaire has been described in tables A4.1 and A4.2. Additionally, the points of scope of the study that guided the creation of this questionnaire were two:

*1. Reviewing Case Studies, working mode of private organisations, international best practices etc. to understand the challenge faced by micro-entrepreneurs, including gaps in terms of accessing government*

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<sup>196</sup> Jeemol Unni, 2018. "Formalization of the Informal Economy: Perspectives of Capital and Labour," The Indian Journal of Labour Economics, Springer;The Indian Society of Labour Economics (ISLE), vol. 61(1), pages 87-103, March.

<sup>197</sup> <https://www.msde.gov.in/IIE.html>

<sup>198</sup> <https://en.wikipedia.org/wiki/Dhaba>: Dhaba is a roadside restaurant in the Indian subcontinent. They are on highways, generally serve local cuisine, and also serve as truck stops. They are most commonly found next to petrol stations, and most are open 24 hours a day. Since many Indian truck drivers are of Punjabi descent, and Punjabi food and music are popular throughout India, the word dhaba has come to represent any restaurant that serves Punjabi food, especially the heavily spiced and fried Punjabi fare preferred by many truck drivers.

policies, formal/informal training, access to capital, markets, monitoring and role played by technology platforms (if any) etc.

2. Identification of Challenges (Key Issues) faced by micro- entrepreneurs, especially issues in terms of access to finance capital, infrastructure capital, knowledge capital etc.

| Part-I General Information |                                                             |                    |                                                                                                                                                                                                    |
|----------------------------|-------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S.No                       | Question                                                    | Mapped Objective   | Relevance for Mapping                                                                                                                                                                              |
| 1                          | Name of the Business                                        | <b>Objective 1</b> | Demographic information such as <i>name/vernacular identification</i> is important for defining, measuring and understanding the spread of informal enterprises <sup>199</sup>                     |
| 2                          | Type of Business                                            | <b>Objective 1</b> | Demographic information such as the <i>type of business</i> is important for defining, measuring and understanding the spread of informal enterprises <sup>199</sup>                               |
| 3                          | Age (in years)                                              | <b>Objective 1</b> | Demographic information such as the <i>type of business</i> is important for defining, measuring and understanding the spread of informal enterprises <sup>199</sup>                               |
| 4                          | Income per month (INR)                                      | <b>Objective 1</b> | Income is an important economic parameter that helps in defining, measuring and understanding the spread of informal enterprises <sup>200</sup>                                                    |
| 5                          | How long you have been working in this location? (in Years) | <b>Objective 1</b> | Time and temporal durations of operations are important parameters that helps in defining, measuring and understanding the spread of informal enterprises <sup>201</sup>                           |
| 6                          | Kindly list two challenges faced by your business           | <b>Objective 1</b> | Determination of challenges faced by informal enterprises was important to ascertain the growth inhibitors in the informal economy and the prevalent market informalization context <sup>202</sup> |
| 7                          | How many persons are working in your unit?                  | <b>Objective 1</b> | For formalization efforts of informal economy estimation of quantum and quality of human capital in informal sector holds a critical importance <sup>203</sup>                                     |
| 8                          | Are you a member of any industry association?               | <b>Objective 2</b> | For formalization efforts of informal economy estimation of social capital and network effects using proxies such as industry association memberships holds a critical importance <sup>204</sup>   |

Table A4.1. Mapping of General Information questions and Objectives of the ToR

| Part-II: Information on Operations, Training, Challenges etc. |          |                  |                       |
|---------------------------------------------------------------|----------|------------------|-----------------------|
| S.No                                                          | Question | Mapped Objective | Relevance for Mapping |

<sup>199</sup> Henley, A., Arabsheibani, G. R., & Carneiro, F. G. (2009). On defining and measuring the informal sector: Evidence from Brazil. *World development*, 37(5), 992-1003.

<sup>200</sup> Guha-Khasnobis, B., & Kanbur, R. (Eds.). (2006). *Linking the formal and informal economy: concepts and policies*. OUP Oxford.

<sup>201</sup> Djankov, S., Lieberman, I., Mukherjee, J., & Nenova, T. (2003). *Going informal: Benefits and costs*. The Informal Economy in the EU Accession Countries: Size, Scope, Trends and Challenges to the Process of EU Enlargement. Sofia: CSD, 63-80.

<sup>202</sup> Chen, M. (2005). Rethinking the informal economy: from enterprise characteristics to employment relations. *RETHINKING*, 28.

<sup>203</sup> Jütting, J., Parlevliet, J., & Xenogiani, T. (2008). Informal employment re-loaded. *IDS Bulletin*, 39(2), 28-36.

<sup>204</sup> Fuller-Love, N. (2009). Formal and informal networks in small businesses in the media industry. *International Entrepreneurship and Management Journal*, 5(3), 271-284.

|    |                                                                                                                                |                       |                                                                                                                                                                                                                                                                                                        |
|----|--------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | Is it a sole-proprietorship or in a partnership? Or a family business?                                                         | <b>Objective 1, 2</b> | The nature of business in terms of it being operated as a sole proprietorship or other formats is an important indicator for informality of enterprises <sup>205</sup>                                                                                                                                 |
| 2  | Do you own the place of your unit or is it rented one?                                                                         | <b>Objective 1</b>    | More and more function of formal economy is being served in an informal manner by the omnipresent informal and gig economy. Investigation of types of place of operation of informal units (whether it is owned/rented one etc.) is important to see the spread of informal enterprises <sup>206</sup> |
| 3  | How do you pay your rent (cash or in other modes of payment viz. cheque, mobile wallet, UPI etc.)?                             | <b>Objective 3</b>    | Cash and alternate channels of making and receiving payments are an important source of information about informal enterprises <sup>207</sup>                                                                                                                                                          |
| 4  | Do you get the receipt for rent payment?                                                                                       | <b>Objective 1</b>    | Receipts are an important source of explicit records in case of financial transactions in formal and informal economy <sup>208</sup>                                                                                                                                                                   |
| 5  | Are you authorized to do the economic activity by any government agency?                                                       | <b>Objective 1, 2</b> | Government in many cases regulates specific economic activities and that is an important source of information for studying the spread of informal enterprises <sup>201</sup>                                                                                                                          |
| 6  | Do the workers in your unit, belong to your family?                                                                            | <b>Objective</b>      | Paid and unpaid family members contributing to value generation in an informal setup are a common phenomenon and source of information for studying informal economic setups <sup>209</sup>                                                                                                            |
| 7  | Do you pay to your workers in cash or in any other mode?                                                                       | <b>Objective 3</b>    | Cash and alternate channels of making and receiving payments are an important source of information about informal enterprises <sup>207</sup>                                                                                                                                                          |
| 8  | Do you have bank account in the name of your business? Is it saving bank account or current account? Or is it a joint account? | <b>Objective 1, 3</b> | Presence or absence of bank account and thereby the linked tax and other implications is an important information source w.r.t the informality of enterprises <sup>210</sup>                                                                                                                           |
| 9  | Are you registered under any forum/group/association etc.?                                                                     | <b>Objective 2, 3</b> | For formalization efforts of informal economy estimation of social capital and network effects using proxies such as industry association memberships holds a critical importance <sup>204</sup>                                                                                                       |
| 10 | Do you use your personal mobile for your business?                                                                             | <b>Objective 3</b>    | Cheap data charges and rise of second hand mobile markets have made of telecom facilities for                                                                                                                                                                                                          |

<sup>205</sup> Safavian, M., & Wimpey, J. (2008). When do enterprises prefer informal credit?. The World Bank.

<sup>206</sup> Tipple, G. (2005). The place of home-based enterprises in the informal sector: evidence from Cochabamba, New Delhi, Surabaya and Pretoria. Urban studies, 42(4), 611-632.

<sup>207</sup> Ibrahim, P. A., & Zameer, N. (2018). Effect of Cashless Economy on Micro, Small and Medium Enterprises (MSMEs): A Study from Indian Perspective. Journal of Entrepreneurship and Management, 7(1), 17.

<sup>208</sup> Gaddy, C., & Ickes, B. W. (1998). To restructure or not to restructure: Informal activities and enterprise behavior in transition.

<sup>209</sup> Chen, M. A. (2005). Rethinking the informal economy: Linkages with the formal economy and the formal regulatory environment (Vol. 10, pp. 18-27). United Nations University, World Institute for Development Economics Research.

<sup>210</sup> Williams, C. C., Shahid, M. S., & Martínez, A. (2016). Determinants of the level of informality of informal micro-enterprises: Some evidence from the city of Lahore, Pakistan. World Development, 84, 312-325.

|    |                                                                                                                                              |                    |                                                                                                                                                                                                                                                                                                                                                                                |
|----|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |                                                                                                                                              |                    | businesses and access to m-business opportunities manifold <sup>211</sup>                                                                                                                                                                                                                                                                                                      |
| 11 | Do you use any electronic means viz. mobile wallets (PayTm), UPI (Bhim, PhonePe) etc. to receive and make payments for business transaction? | <b>Objective 3</b> | Cash and alternate channels of making and receiving payments are an important source of information about informal enterprises <sup>207</sup>                                                                                                                                                                                                                                  |
| 12 | Is the electricity meter installed at your business unit?                                                                                    | <b>Objective 3</b> | Access to public services/utilities such as water, electricity etc. is an important source of growth/challenge for informal enterprises since a lot of them operate from temporary fixtures wherein these amenities play a much important role <sup>212</sup> . It also has an augmented vitality for enterprises that use either of these utilities as a direct raw material. |
| 13 | Is the water meter installed at your business unit?                                                                                          | <b>Objective 3</b> | Access to public services/utilities such as water, electricity etc. is an important source of growth/challenge for informal enterprises since a lot of them operate from temporary fixtures wherein these amenities play a much important role <sup>212</sup> . It also has an augmented vitality for enterprises that use either of these utilities as a direct raw material. |
| 14 | Are you familiar with any government schemes to improve your business?                                                                       | <b>Objective 2</b> | Informal economies, economic inclusion and government schemes are closely related with a direct impact on formalization initiatives <sup>213</sup>                                                                                                                                                                                                                             |
| 15 | Have you ever availed benefits under any government schemes?                                                                                 | <b>Objective 2</b> | Informal economies, economic inclusion and government schemes are closely related with a direct impact on formalization initiatives <sup>213</sup>                                                                                                                                                                                                                             |
| 16 | Have you ever taken loan? If yes, from where (Bank, money lender, family, friends, micro-finance, private organisation, or any other)?       | <b>Objective 3</b> | Value creation activities of a firm (formal/informal) are highly dependent on the access to capital. Capital can in various forms – one of them being credit <sup>214</sup>                                                                                                                                                                                                    |
| 17 | Do you maintain any record(s) for your business?                                                                                             | <b>Objective 3</b> | Financial statements and records are an important source of explicit records in case of financial transactions in formal and informal economy <sup>208</sup> . Traditional businesses and informal businesses several times have their own methods of accounting                                                                                                               |
| 18 | Do you get and give invoices for your business transactions?                                                                                 | <b>Objective 3</b> | Receipts are an important source of explicit records in case of financial transactions in formal and informal economy <sup>208</sup>                                                                                                                                                                                                                                           |
| 19 | Do you raise Pucca or Kaccha bill?                                                                                                           | <b>Objective 3</b> | Bills are an important source of explicit records in case of financial transactions in formal and informal economy <sup>208</sup>                                                                                                                                                                                                                                              |
| 20 | Do you have Smart Phone?                                                                                                                     | <b>Objective 3</b> | ICT for informal workers has important ramifications for growth                                                                                                                                                                                                                                                                                                                |

<sup>211</sup> Donner, J., & Escobari, M. X. (2010). A review of evidence on mobile use by micro and small enterprises in developing countries. *Journal of International Development*, 22(5), 641-658.

<sup>212</sup> Kappel, R. T., & Ishengoma, E. K. (2006). Economic growth and poverty: does formalisation of informal enterprises matter?.

<sup>213</sup> Meagher, K. (2015). Leaving no one behind?: Informal economies, economic inclusion and Islamic extremism in Nigeria. *Journal of International Development*, 27(6), 835-855.

<sup>214</sup> Aga, G. A., & Reilly, B. (2011). Access to credit and informality among micro and small enterprises in Ethiopia. *International Review of Applied Economics*, 25(3), 313-329.



|    |                                                                                                     |                       |                                                                                                                                                                                                    |
|----|-----------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |                                                                                                     |                       | and formalization of informal enterprises <sup>215</sup>                                                                                                                                           |
| 21 | Do you use computers?                                                                               | <b>Objective 3</b>    | ICT for informal workers has important ramifications for growth and formalization of informal enterprises <sup>215</sup>                                                                           |
| 22 | Do you own two wheeler?                                                                             | <b>Objective 1</b>    | Own vehicle statistics help in segmentation of informal labour markets <sup>216</sup>                                                                                                              |
| 23 | Do you have enough demand for your product or services in your vicinity? Is it regular or seasonal? | <b>Objective 1</b>    | Demand and seasonality have important impact on the survival and growth and informal enterprises <sup>217</sup>                                                                                    |
| 24 | Are you looking for any other markets for your product or services?                                 | <b>Objective 2, 3</b> | Alternative markets are crucial for informal enterprise development <sup>218</sup>                                                                                                                 |
| 25 | Did you ever pay bribe to anyone to enter in the market? If yes, to whom?                           | <b>Objective 1</b>    | Bribe and other unfair practices are crucial for determination of spread of informal enterprises and for determining the way to formalization <sup>201</sup>                                       |
| 26 | Do you pay any bribe to anyone to operate in the market? If yes, to whom?                           | <b>Objective 1</b>    | Bribe and other unfair practices are crucial for determination of spread of informal enterprises and for determining the way to formalization <sup>201</sup>                                       |
| 27 | Have you received any formal training for your business?                                            | <b>Objective 2, 3</b> | For formalization efforts of informal economy estimation of quantum and quality of human capital in informal sector holds a critical importance <sup>203</sup>                                     |
| 28 | Have you acquired your skill informally? How?                                                       | <b>Objective 2, 3</b> | For formalization efforts of informal economy estimation of quantum and quality of human capital in informal sector holds a critical importance <sup>203</sup>                                     |
| 29 | Challenges faced by you for accessing required capital for capital expenses                         | <b>Objective 1</b>    | Determination of challenges faced by informal enterprises was important to ascertain the growth inhibitors in the informal economy and the prevalent market informalization context <sup>202</sup> |
| 30 | Challenges faced by you for maintaining the requisite operational expenses                          | <b>Objective 1</b>    | Determination of challenges faced by informal enterprises was important to ascertain the growth inhibitors in the informal economy and the prevalent market informalization context <sup>202</sup> |

*Table A4.2. Mapping of Specific Information questions and Objectives of the ToR*

Complete copy of the questionnaire (in English and Hindi formats) is given in appendix one in this report. Once the questionnaire was constructed our instrument for collection of structured and semi-structured primary data was in place and this was followed by the actual data collection process. This involved – effort by team MDI and extensive efforts and support from Team MSDE. 6 sets of data were collected.

#### **A4.3 Data Collection, Analysis & Presentation – Food, Wood & Tailoring Sector (NIESBUD/IIE)**

This phase of primary data collection focused on distribution of questionnaires and collection of data through nodal bodies (such as IIE) working in collaboration with NIESBUD/MSDE. The universe for data collection

<sup>215</sup> Mramba, N., Rumanyika, J., Apiola, M., & Suhonen, J. (2017, September). ICT for informal workers in Sub-Saharan Africa: Systematic review and analysis. In 2017 IEEE AFRICON (pp. 486-491). IEEE.

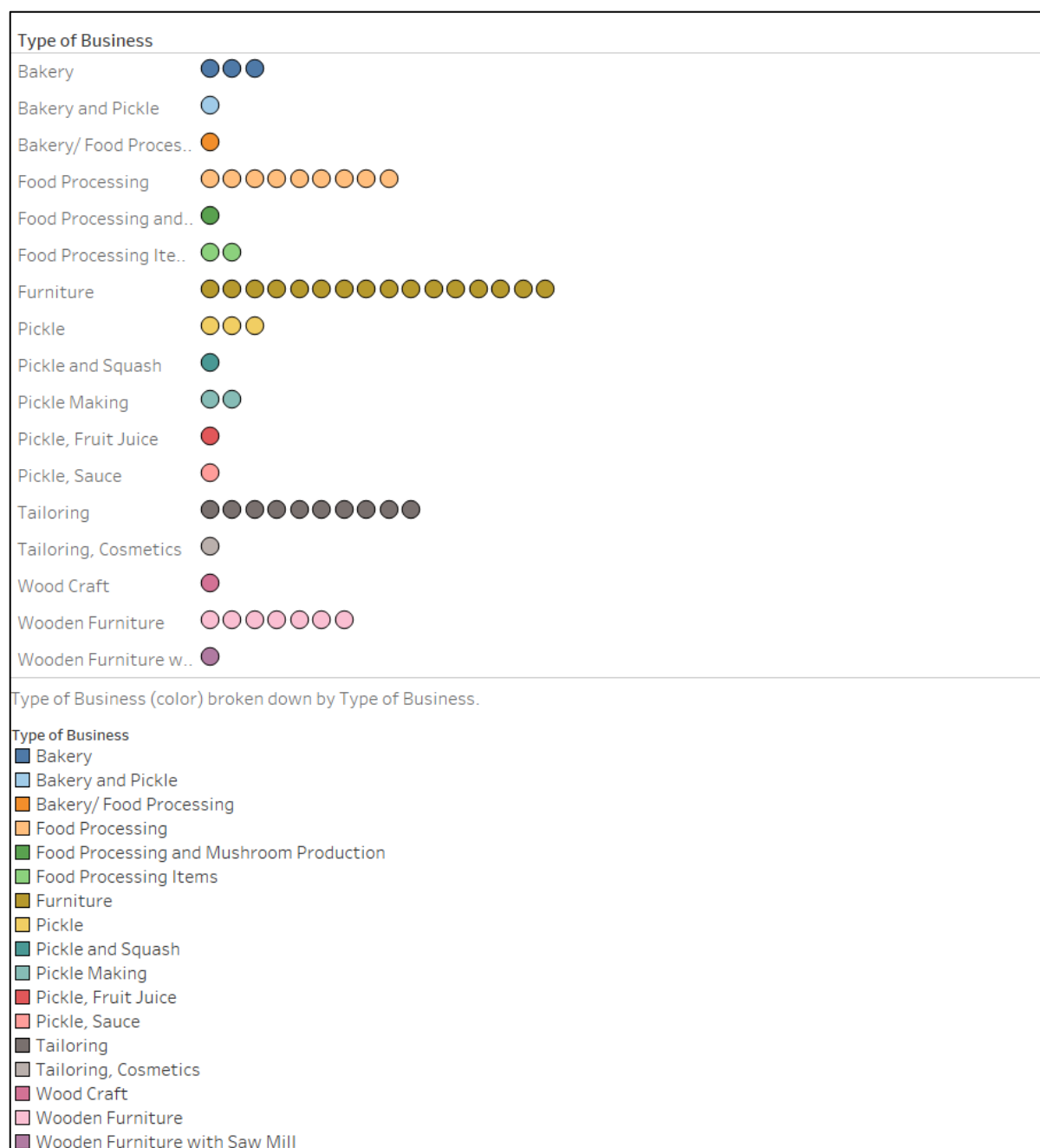
<sup>216</sup> Shaw, A., & Pandit, K. (2001). The geography of segmentation of informal labor markets: The case of motor vehicle repair in Calcutta. *Economic Geography*, 77(2), 180-196.

<sup>217</sup> Ioannides, D., & Petersen, T. (2003). Tourism ‘non-entrepreneurship’ in peripheral destinations: a case study of small and medium tourism enterprises on Bornholm, Denmark. *Tourism Geographies*, 5(4), 408-435.

<sup>218</sup> Manu, G. (1998). Enterprise development in Africa—strategies for impact and growth. *Small enterprise development*, 9(4), 4-13.

were informal enterprises and the approach followed for sampling was non-probabilistic sampling (convenience sampling followed by snowball (respondent-driven) sampling)<sup>219</sup>.

The sub-sectors to which the respondents belonged was largely dependent on the geography and other locational factors. In this case in total 61 responses to the questionnaire were collected which spanned mostly 3 sub-sectors of informal economy viz. food, wood and tailoring. A detailed outline of the breakup of the nature of sub-sectors for these 61 informal enterprises has been given in Figure A4.1.



*Figure A4.1 Breakup of the nature of sub-sectors for these 61 informal enterprises*

The primary data analysis of the data for the semi-structured questionnaire was done using descriptive statistics to yield trends and inferences. Section A4.3.1 describes the descriptives and observations for the data collected in the food sub-sector, Section A4.3.2 describes the descriptives and observations for the data collected in the wood sub-sector, Section A4.3.3 describes the descriptives and observations for the data collected in the tailoring sub-sector and A4.3.4 describes the inferences and observation from the overall data collected.

<sup>219</sup> Goodman, L. A. (2011). Comment: On respondent-driven sampling and snowball sampling in hard-to-reach populations and snowball sampling not in hard-to-reach populations. *Sociological Methodology*, 41(1), 347-353.

### A4.3.1 Descriptives and observations for the data collected in the food sub-sector

#### A4.3.1.1 Manufacture of food products: M2

The sub-sector of food processing unit (coded as M2 i.e. Manufacture of food product) from North-east India, had representations from age group of 20 to 46 years old. The average monthly income of the said sample is Rs. 21,940, of which highest monthly income reported is Rs. 60,000 while the lowest monthly income is Rs. 2,000. Most of the respondents have been working in their respective places for a significant time (Table A4.3.1.1). Rest of the findings, is explicated in the following sub-sections.

#### A4.3.1.2 Characteristics

Majority of these shops are sole-proprietorship (72%). 16% shops are family business while 12% shops run in partnerships. Majority of the shops run in a self-owned space (84%) (Table A4.3.1.2). None of these shops are registered under any forum, group or association. Those who run their shop in a rented space (16%) pay the rent in cash only and they don't get any receipt for the same.

These shops do not employ workers and most of these shops have family members as workers (80%). Those shops wherein any worker other than owner, is employed, gets payment in cash only. All the shop owners use their saving bank account to operate their economic activities. All of them use their personal mobiles for their business out of which 96% have smart phones. 44% of them own a two-wheeler and 32% of them have computers.

Majority of the shop owners have installed electricity meter at the shop (96%). Only 16% of them have water meter installed at their shops while 84% of them don't. 92% shop owners don't use any electronic means viz. mobile wallets (PayTm), UPI (Bhim, PhonePe) etc. to receive and make payments for business transaction. 24% of them get and give invoices for the said business transactions; however, when they are probed whether they raise Pucca or Kaccha bill, 28% were found to be raising both Kaccha and Pucca bills while 72% don't raise any such bill. 88% of the shop owners maintain records for their business and rest do not maintain any record.

#### A4.3.1.3 Issues/Challenges

Majority are aware/familiar with some government schemes which can help them improve their business (72%) (Table A4.3.1.3). Though there are 28% respondents who say that they are not familiar with any government schemes. Those who are familiar with any Govt. schemes mentioned MSME, NSIC, KVIB, KVK, Bank Finance etc. 20% of them has also availed benefits under a government schemes. Around 8% respondents have taken loan from bank and friends respectively while 92% respondents have never taken a loan.

All the respondents believe that the demand for their products has been regular (72%) and when they were asked whether they would explore any other markets for their services, the response was negative (100%). None of the respondents were willing to respond about the bribe question and they out rightly said no to the same. Majority of the respondents have received formal training (92%) from various agencies/institutes viz. MSME, NSIC, ASDM, IIE Guwahati, KVIB etc. though 8% respondents said that they have acquired their skill set by working in other similar shops.

Respondents were also asked whether or not they are facing challenges for accessing required capital for capital expenses (Capex) and for maintaining the required operating expenses (Opex). Multiple responses were received for challenges with respect to capex and opex. Lack of formal Documents (40%) and lack of collateral (4%) were the challenges faced by them for accessing required capital for capex and lack of Documents (56%) and delay in receipt (44%) were the challenges for maintaining the required opex.

|                                                                    | Min. | Max.  | Mean  | N  |
|--------------------------------------------------------------------|------|-------|-------|----|
| <b>Age (in years)</b>                                              | 20   | 46    | 34    | 25 |
| <b>Income per month</b>                                            | 2000 | 60000 | 21940 | 25 |
| <b>How long you have been working in this location? (in Years)</b> | 1    | 7     | 4     | 25 |
| <b>How many persons are working in your unit?</b>                  | 1    | 20    | 4     | 25 |

Table A4.3.1.1

|    |                                                                                                                                              |                             |                   |                       |
|----|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------|-----------------------|
| 1  | Is it a sole-proprietorship or in a partnership? Or a family business?                                                                       | Sole-proprietorship (72%)   | Partnership (12%) | Family Business (16%) |
| 2  | Do you own the place of your unit or is it rented one?                                                                                       | Rented (16%)                |                   | Owned (84%)           |
| 3  | How do you pay your rent (cash or in other modes of payment viz. cheque, mobile wallet, UPI etc.)?                                           | Cash (16%)                  |                   | NA (84%)              |
| 4  | Do you get the receipt for rent payment?                                                                                                     | Yes (0)                     | No (16%)          | NA (84%)              |
| 5  | Are you authorised to do the economic activity by any government agency?                                                                     | Yes (0)                     |                   | No (100%)             |
| 6  | Do the workers in your unit, belong to your family?                                                                                          | Yes (80%)                   |                   | No (20%)              |
| 7  | Do you pay to your workers in cash or in any other mode?                                                                                     | Cash (20%)                  |                   | NA (80%)              |
| 8  | Do you have bank account in the name of your business? Is it saving bank account or current account? Or is it a joint account?               | Only Saving Bank A/C (100%) |                   |                       |
| 9  | Are you registered under any forum/group/association etc.?                                                                                   | Yes (28%)                   |                   | No (72%)              |
| 10 | Do you use your personal mobile for your business?                                                                                           | Yes (100%)                  |                   | No (0)                |
| 11 | Do you use any electronic means viz. mobile wallets (PayTm), UPI (Bhim, PhonePe) etc. to receive and make payments for business transaction? | None of these (92%)         |                   | PhonePe (8%)          |
| 12 | Is the electricity meter installed at your business unit?                                                                                    | Yes (96%)                   |                   | No (4%)               |
| 13 | Is the water meter installed at your business unit?                                                                                          | Yes (16%)                   |                   | No (84%)              |
| 14 | Do you maintain any record(s) for your business?                                                                                             | Yes (88%)                   |                   | No (12%)              |
| 15 | Do you get and give invoices for your business transactions?                                                                                 | Yes (24%)                   |                   | No (76%)              |
| 16 | Do you raise Pucca or Kaccha bill?                                                                                                           | Both (28%)                  |                   | No bill (72%)         |
| 17 | Do you have smart phone?                                                                                                                     | Yes (96%)                   |                   | No (4%)               |
| 18 | Do you have computers?                                                                                                                       | Yes (32%)                   |                   | No (68%)              |
| 19 | Do you own two-wheeler?                                                                                                                      | Yes (44%)                   |                   | No (56%)              |

Table A4.3.1.2

|    |                                                                                                                                        |                                                          |                          |                        |
|----|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------|------------------------|
| 20 | Are you familiar with any government schemes to improve your business?                                                                 | Yes (72%)<br><i>MSME, NSIC, KVIB, KVK, Bank Finance</i>  |                          | No (28%)               |
| 21 | Have you ever availed benefits under any government schemes?                                                                           | Yes (20%)                                                |                          | No (80%)               |
| 22 | Have you ever taken loan? If yes, from where (Bank, money lender, family, friends, micro-finance, private organisation, or any other)? | Yes (4%)<br>from Bank                                    | Yes (4%) from<br>Friends | No (92%)               |
| 23 | Do you have enough demand for your product or services in your vicinity? Is it regular or seasonal?                                    | Yes, Regular (100%)                                      |                          |                        |
| 24 | Are you looking for any other markets for your product or services?                                                                    | No (100%)                                                |                          |                        |
| 25 | Did you ever pay bribe to anyone to enter in the market? If yes, to whom?                                                              | Yes (4%)                                                 |                          | No (96%)               |
| 26 | Do you pay any bribe to anyone to operate in the market? If yes, to whom?                                                              | Yes (4%)                                                 |                          | No (96%)               |
| 27 | Have you received any formal training for your business?                                                                               | Yes (92%)<br><i>MSME, NSIC, ASDM, IIE Guwahati, KVIB</i> |                          | No (8%)                |
| 28 | Have you acquired your skill informally? How?                                                                                          | Yes (8%)                                                 |                          | No (92%)               |
| 29 | Challenges faced by you for accessing required capital for capital expenses. (Multiple responses)                                      | Lack of formal Documents (40%)                           | Lack of Collateral (4%)  | No Challenges (56%)    |
| 30 | Challenges faced by you for maintaining the required operating expenses. (Multiple responses)                                          | Lack of Documents (56%)                                  |                          | Delay in receipt (44%) |

Table A4.3.1.3

### A4.3.2 Descriptives and observations for the data collected in the wood sub-sector

#### A4.3.2.1 Manufacture of furniture: M23

The sub-sector of furniture shops (coded as M23 i.e. Manufacture of furniture) from North-east India, has representations from age group of 20 to 64 years old. The average monthly income of the said sample is Rs. 22,360, of which highest monthly income reported is Rs. 40,000 while the lowest monthly income is Rs. 10,000. Most of the respondents have been working in their respective places for a significant time (Table A4.3.2.1). Rest of the findings, is explicated in the following sub-sections.

#### A4.3.2.2 Characteristics

These shops primarily are family business (80%) and run in a self-owned space (82%) (Table A4.3.2.2). Rest of these shops is sole-proprietorship (20%). Some of these shops runs in a rented space wherein the rent is paid in cash without any receipt. 16% of these shops are registered under any forum, group or association.

The shop owners (84%) believe that they are not authorized by any government agency to do any economic activity in their respective area. These shops do employ workers and these workers are paid in cash only. All shop owners primarily use their saving bank account to operate their economic activities. 96% of them use their personal mobiles for their business, of which 72% carry a smart phone. None of them has computer and 48% of them own a two-wheeler.

All the shop owners have installed electricity meter at the shop (100%). None of them have water meter installed at their shops. None of shop owners use any electronic means viz. mobile wallets (PayTm), UPI (Bhim, PhonePe) etc. to receive and make payments for business transaction. 56% of them get and give invoices for the said business transactions; however, when they are probed whether they raise Pucca or Kaccha bill, 44% were found to be raising no bills. All of the shop owners maintain records for their business.

#### A4.3.2.3 Issues/Challenges

68% of them are aware/familiar with any government schemes which can help them im-prove their business and names of various agencies were mentioned e.g. MSME, KVIC, DICCC (Table 3). Though 32% respondents said that they are not familiar any government schemes. Majority of the respondents have never availed benefits under any government schemes. Around 8% respondents have taken loan from bank while 92% respondents have never taken a loan.

Majority of the respondents say that the demand for their services has been regular (96%) however when they were asked whether they would explore any other markets for their services, the response was negative (72%). None of the respondents were willing to respond about the bribe question and they out rightly said no to the same. All of the respondents have received formal training (100%).

Respondents were also asked whether or not they are facing challenges for accessing required capital for capital expenses (Capex) and for maintaining the required operating expenses (Opex). Multiple responses were received for challenges with respect to capex and opex. Lack of formal Documents (72%) and lack of collateral (8%) were the challenges faced by them for accessing required capital for capex. Lack of Documents (76%) and De-lay in receipt (24%) were the challenges faced by them maintaining the required opex.

|                                                             | Min.  | Max.  | Mean  | N  |
|-------------------------------------------------------------|-------|-------|-------|----|
| Age (in years)                                              | 22    | 64    | 41    | 25 |
| Income per month                                            | 10000 | 40000 | 22360 | 25 |
| How long you have been working in this location? (in Years) | 1     | 40    | 19    | 25 |
| How many persons are working in your unit?                  | 1     | 12    | 4     | 25 |

Table A4.3.2.1

|   |                                                                                                    |                           |                       |
|---|----------------------------------------------------------------------------------------------------|---------------------------|-----------------------|
| 1 | Is it a sole-proprietorship or in a partnership? Or a family business?                             | Sole-proprietorship (20%) | Family Business (80%) |
| 2 | Do you own the place of your unit or is it rented one?                                             | Rented (28%)              | Owned (72%)           |
| 3 | How do you pay your rent (cash or in other modes of payment viz. cheque, mobile wallet, UPI etc.)? | Cash (28%)                | NA (72%)              |
| 4 | Do you get the receipt for rent payment?                                                           | Yes (16%)                 | No (84%)              |

|    |                                                                                                                                              |                             |               |
|----|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------|
| 5  | Are you authorised to do the economic activity by any government agency?                                                                     | Yes (0)                     | No (100%)     |
| 6  | Do the workers in your unit, belong to your family?                                                                                          | Yes (80%)                   | No (20%)      |
| 7  | Do you pay to your workers in cash or in any other mode?                                                                                     | Cash (100%)                 | NA (0%)       |
| 8  | Do you have bank account in the name of your business? Is it saving bank account or current account? Or is it a joint account?               | Only Saving Bank A/C (100%) |               |
| 9  | Are you registered under any forum/group/association etc.?                                                                                   | Yes (28%)                   | No (72%)      |
| 10 | Do you use your personal mobile for your business?                                                                                           | Yes (100%)                  | No (0)        |
| 11 | Do you use any electronic means viz. mobile wallets (PayTm), UPI (Bhim, PhonePe) etc. to receive and make payments for business transaction? | None of these (92%)         | PhonePe (8%)  |
| 12 | Is the electricity meter installed at your business unit?                                                                                    | Yes (96%)                   | No (4%)       |
| 13 | Is the water meter installed at your business unit?                                                                                          | Yes (16%)                   | No (84%)      |
| 14 | Do you maintain any record(s) for your business?                                                                                             | Yes (88%)                   | No (12%)      |
| 15 | Do you get and give invoices for your business transactions?                                                                                 | Yes (24%)                   | No (76%)      |
| 16 | Do you raise Pucca or Kaccha bill?                                                                                                           | Both (28%)                  | No bill (72%) |
| 17 | Do you have smart phone?                                                                                                                     | Yes (96%)                   | No (4%)       |
| 18 | Do you have computers?                                                                                                                       | Yes (32%)                   | No (68%)      |
| 19 | Do you own two-wheeler?                                                                                                                      | Yes (48%)                   | No (52%)      |

Table A4.3.1.2

|    |                                                                                                                                        |                                               |                                                |
|----|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------|
| 20 | Are you familiar with any government schemes to improve your business?                                                                 | Yes (68%)<br><i>MSME, KVIC, DICC</i>          | No (32%)                                       |
| 21 | Have you ever availed benefits under any government schemes?                                                                           | Yes (8%)                                      | No (92%)                                       |
| 22 | Have you ever taken loan? If yes, from where (Bank, money lender, family, friends, micro-finance, private organisation, or any other)? | Yes (8%) from Bank                            | No (92%)                                       |
| 23 | Do you have enough demand for your product or services in your vicinity? Is it regular or seasonal?                                    | Yes, Regular (96%)                            | Yes, Seasonal (4%)                             |
| 24 | Are you looking for any other markets for your product or services?                                                                    | Yes (18%)                                     | No (72%)                                       |
| 25 | Did you ever pay bribe to anyone to enter in the market? If yes, to whom?                                                              | Yes (0)                                       | No (100%)                                      |
| 26 | Do you pay any bribe to anyone to operate in the market? If yes, to whom?                                                              | Yes (0)                                       | No (100%)                                      |
| 27 | Have you received any formal training for your business?                                                                               | Yes (100%)<br><i>IIE, DICC, DBTS Shillong</i> | No (0%)                                        |
| 28 | Have you acquired your skill informally? How?                                                                                          | Yes (0%)                                      | No (100%)                                      |
| 29 | Challenges faced by you for accessing required capital for capital expenses. (Multiple responses)                                      | Lack of formal Documents (72%)                | Lack of Collateral (8%)<br>No Challenges (20%) |
| 30 | Challenges faced by you for maintaining the required operating expenses. (Multiple responses)                                          | Lack of Documents (76%)                       | Delay in receipt (24%)                         |

Table A4.3.2.3

### A4.3.3 Descriptives and observations for the data collected in the tailoring sub-sector

#### A4.3.3.1 Tailoring: M6

The sub-sector of tailoring shops (coded as M6 i.e. Manufacture of wearing apparel) in Hyderabad, Telangana has representations from age group of 22 to 52 years old. The average monthly income of the said sample is Rs. 14,000, of which highest monthly income reported is Rs. 25,000 while the lowest monthly income is Rs. 4,500. Most of the

respondents have been working in their respective places for a significant time (Table A4.3.3.1). Rest of the findings, is explicated in the following sub-sections.

### A4.3.3.2 Characteristics

These shops primarily are sole-proprietorship (100%) and run in a self-owned space (91%) (Table A4.3.3.2). None of these shops are registered under any forum, group or association. Those who run their shop in a rented space, pay the rent in cash only and they don't get any receipt for the same.

The shop owners (100%) believe that they are not authorized by any government agency to do any economic activity in their respective area. These shops do not employ workers, how-ever some of these shops have family members as workers (18%). Those shops wherein any worker other than owner, is employed, gets payment in cash only. 91% shop owners primarily use their saving bank account to operate their economic activities while 9% don't have any bank account. 91% of them use their personal mobiles which is a smart phone for their business while 9% don't use mobile phones. 54% of them own a two-wheeler.

All the shop owners have installed electricity meter at the shop (100%). 73% of them have water meter installed at their shops while 27% of them don't. None of shop owners use any electronic means viz. mobile wallets (PayTm), UPI (Bhim, PhonePe) etc. to receive and make payments for business transaction. None of them get and give invoices for the said business transactions; however, when they are probed whether they raise Pucca or Kaccha bill, 36% were found to be raising only Kaccha bills. 18% of the shop owners maintain records for their business and rest do not maintain any record.

### A4.3.3.3 Issues/Challenges

Majority are not aware/familiar with any government schemes which can help them im-prove their business (73%) (Table A4.3.3.3). Though there are 27% respondents who say that they are familiar with some government schemes, none of the respondents from the sample has ever availed benefits under any government schemes. Around 27% respondents have taken loan from bank while 73% respondents have never taken a loan.

Majority of the respondents say that the demand for their services has been seasonal (72%) however when they were asked whether they would explore any other markets for their services, the response was negative (82%). None of the respondents were willing to respond about the bribe question and they out rightly said no to the same. Majority of the respondents have received formal training (91%) though 9% respondents said that they have acquired their skill set by working in other similar shops.

Respondents were also asked whether or not they are facing challenges for accessing required capital for capital expenses (Capex) and for maintaining the required operating expenses (Opex). Multiple responses were received for challenges with respect to capex and opex. Lack of formal Documents (46%) was the challenge faced by them for accessing required capital for capex and also for maintaining the required opex (18%).

|                                                                    | Min.     | Max.      | Mean      | N  |
|--------------------------------------------------------------------|----------|-----------|-----------|----|
| <b>Age (in years)</b>                                              | 25       | 48        | 38        | 11 |
| <b>Income per month</b>                                            | 450<br>0 | 2500<br>0 | 1400<br>0 | 11 |
| <b>How long you have been working in this location? (in Years)</b> | 0.5      | 15        | 8         | 11 |
| <b>How many persons are working in your unit?</b>                  | 1        | 2         | 1         | 11 |

*Table A4.3.3.1*

|   |                                                                                                    |                            |         |             |
|---|----------------------------------------------------------------------------------------------------|----------------------------|---------|-------------|
| 1 | Is it a sole-proprietorship or in a partnership? Or a family business?                             | Sole-proprietorship (100%) |         |             |
| 2 | Do you own the place of your unit or is it rented one?                                             | Rented (9%)                |         | Owned (91%) |
| 3 | How do you pay your rent (cash or in other modes of payment viz. cheque, mobile wallet, UPI etc.)? | Cash (9%)                  |         | NA (91%)    |
| 4 | Do you get the receipt for rent payment?                                                           | Yes (0%)                   | No (9%) | NA (91%)    |
| 5 | Are you authorised to do the economic activity by any government agency?                           | Yes (0)                    |         | No (100%)   |
| 6 | Do the workers in your unit, belong to your family?                                                | Yes (18%)                  |         | No (82%)    |
| 7 | Do you pay to your workers in cash or in any other mode?                                           | Cash (27%)                 |         | NA (73%)    |

|    |                                                                                                                                              |                            |                   |
|----|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------|
| 8  | Do you have bank account in the name of your business? Is it saving bank account or current account? Or is it a joint account?               | Only Saving Bank A/C (91%) | No Bank A/c (9%)  |
| 9  | Are you registered under any forum/group/association etc.?                                                                                   | Yes (0%)                   | No (100%)         |
| 10 | Do you use your personal mobile for your business?                                                                                           | Yes (91%)                  | No (9%)           |
| 11 | Do you use any electronic means viz. mobile wallets (PayTm), UPI (Bhim, PhonePe) etc. to receive and make payments for business transaction? | None of these (100%)       |                   |
| 12 | Is the electricity meter installed at your business unit?                                                                                    | Yes (100%)                 | No (0)            |
| 13 | Is the water meter installed at your business unit?                                                                                          | Yes (73%)                  | No (27%)          |
| 14 | Do you maintain any record(s) for your business?                                                                                             | Yes (18%)                  | No (82%)          |
| 15 | Do you get and give invoices for your business transactions?                                                                                 | Yes (0)                    | No (100%)         |
| 16 | Do you raise Pucca or Kaccha bill?                                                                                                           | No bill (64%)              | Kaccha bill (36%) |
| 17 | Do you have smart phone?                                                                                                                     | Yes (91%)                  | No (9%)           |
| 18 | Do you have computers?                                                                                                                       | Yes (9%)                   | No (91%)          |
| 19 | Do you own two-wheeler?                                                                                                                      | Yes (54%)                  | No (46%)          |

*Table A4.3.3.2*

|    |                                                                                                                                        |                                |                     |
|----|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------|
| 20 | Are you familiar with any government schemes to improve your business?                                                                 | Yes (27%)                      | No (73%)            |
| 21 | Have you ever availed benefits under any government schemes?                                                                           | Yes (0%)                       | No (100%)           |
| 22 | Have you ever taken loan? If yes, from where (Bank, money lender, family, friends, micro-finance, private organisation, or any other)? | Yes (27%) from Bank            | No (73%)            |
| 23 | Do you have enough demand for your product or services in your vicinity? Is it regular or seasonal?                                    | Yes, Regular (72%)             | Yes, Seasonal (28%) |
| 24 | Are you looking for any other markets for your product or services?                                                                    | Yes (18%)                      | No (72%)            |
| 25 | Did you ever pay bribe to anyone to enter in the market? If yes, to whom?                                                              | Yes (0)                        | No (100%)           |
| 26 | Do you pay any bribe to anyone to operate in the market? If yes, to whom?                                                              | NA (100%)                      |                     |
| 27 | Have you received any formal training for your business?                                                                               | Yes (81%)                      | No (9%)             |
| 28 | Have you acquired your skill informally? How?                                                                                          | Yes (9%)                       | No (81%)            |
| 29 | Challenges faced by you for accessing required capital for capital expenses. (Multiple responses)                                      | Lack of formal Documents (46%) | No Challenges (54%) |
| 30 | Challenges faced by you for maintaining the required operating expenses. (Multiple responses)                                          | Lack of Documents (18%)        | No Problem (72%)    |

*Table A4.3.3.3*

#### **A4.3.4 Inferences and observation from the overall data collected**

Individual sub-sector level descriptives have already been covered in sections A4.3.3.1 to A4.3.3.3 (for food, wood and tailoring). Along with that it is also important to do an overarching question by question analysis of the complete data to get a composite picture of the phenomenon of informal enterprises and entrepreneurs. Figure A4.3.4.1 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. Age and income are two critical measures that are measured when assessing informal economy<sup>220</sup>.

The color of the points on the scatter plot in Figure A4.3.4.1 represent the presence and absence of two wheelers with an informal economy entrepreneur. It can be observed that most of the informal economy entrepreneurs who own two wheelers are in the age group of 25-45 years and income bracket of up-to 40,000 INR. Own vehicle statistics help in segmentation of informal labour markets<sup>216</sup>.

<sup>220</sup> Smith, J. D. (1987). Measuring the informal economy. The Annals of the American Academy of Political and Social Science, 493(1), 83-99.



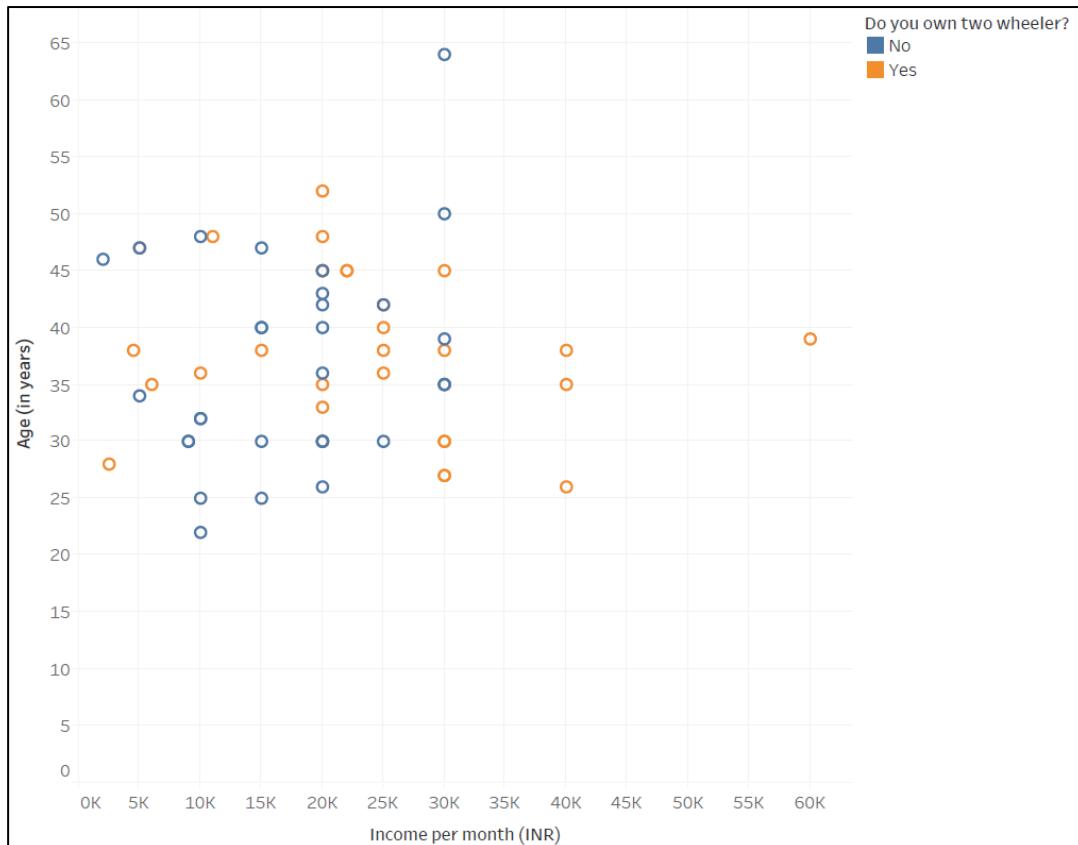


Figure A4.3.4.1 Income per month (INR) vs. Age (in years). Color shows details about - Do you own two wheeler

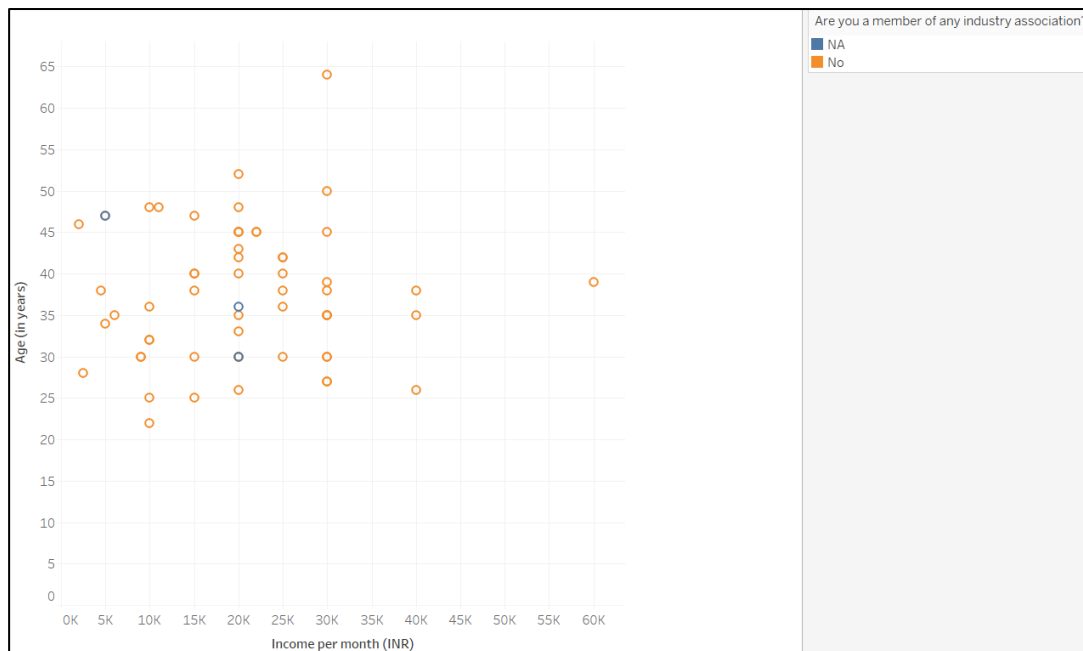


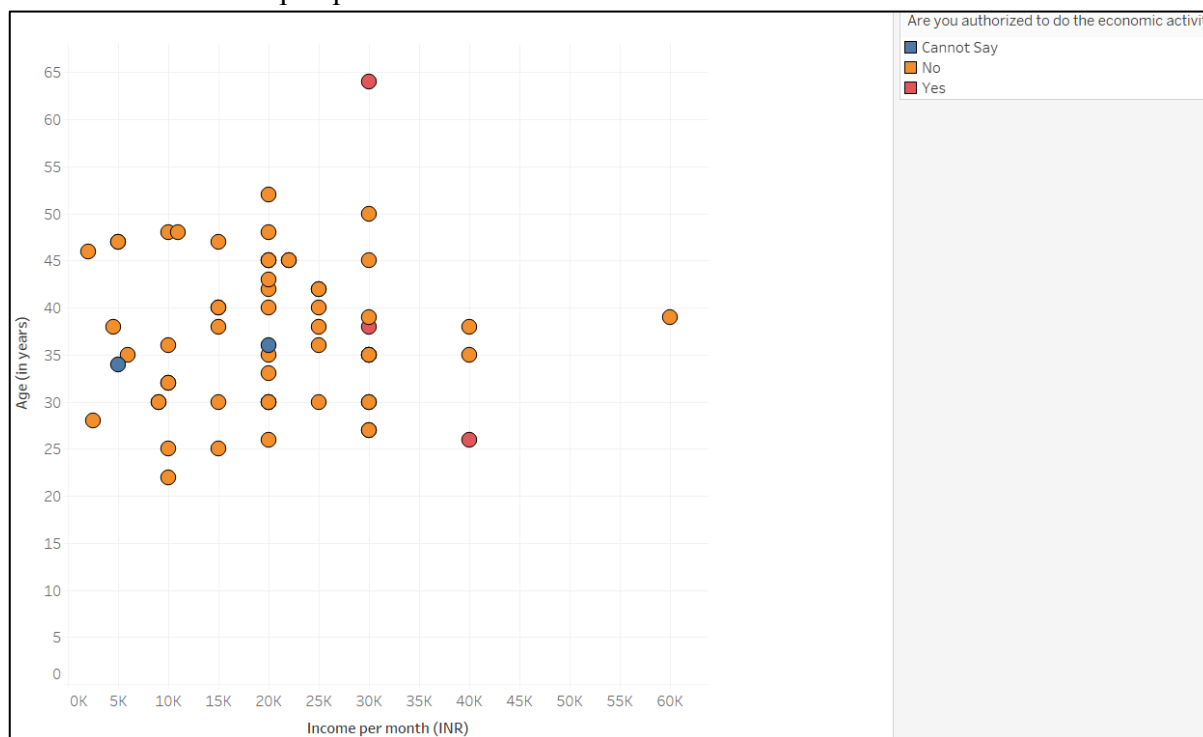
Figure A4.3.4.2 Income per month (INR) vs. Age (in years). Color shows details about – Are you a member of any industry association?

Figure A4.3.4.2 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.2 represent whether an informal entrepreneur is a member of an industry association or not. As can be seen, most of the informal economy entrepreneurs are not a member of any industry association. Industry associations often augment the social capital and value accrued through networking for an informal economy entrepreneur. From a policy maker's perspective this is an important avenue to consider granting impetus.

Figure A4.3.4.3 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.3 represent whether an informal entrepreneur is authorized to do a particular economic activity or not. Say for example for operating a food stall or being listed on a food delivery aggregation portal, there could be rules/regulations in place that

might demand adherence to particular standards or quality audits by some agencies such as FSSAI (Food Safety and Standards Authority of India) etc<sup>221</sup>.

From the figure A4.3.4.3, it is clear that majority of the respondents have replied “no” to this question. This “no” could be due to ignorance of law or due to the fact that the informal economy entrepreneur never concerned to educate him/herself about necessary authorizations requisite (if any). A lot of work has been done by Government on educating consumers<sup>222</sup> about their rights and responsibilities. A similar effort in the lines of educating informal economy entrepreneurs about their responsibilities could be helpful – particularly from a formalization perspective.



*Figure A4.3.4.3 Income per month (INR) vs. Age (in years). Color shows details about – Are you authorized to do the economic activity by any government agency?*

Figure A4.3.4.4 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.4 represent whether an informal entrepreneur is familiar with a government scheme that could be of use to them in their entrepreneurial journey’s or not. As evident, most of the entrepreneurs are aware about one or the other government schemes that could be helpful to the informal economy entrepreneur.

<sup>221</sup> Koshy, P. (2019). Integration into formal enterprise space: Challenges and opportunities for informal sector entrepreneurs.

<sup>222</sup> Kumar, S., & Ali, J. (2011, June). Analyzing the factors affecting consumer awareness on organic foods in India. In 21st Annual IFAMA World Forum and Symposium on the Road to (Vol. 2050, pp. 20-23).

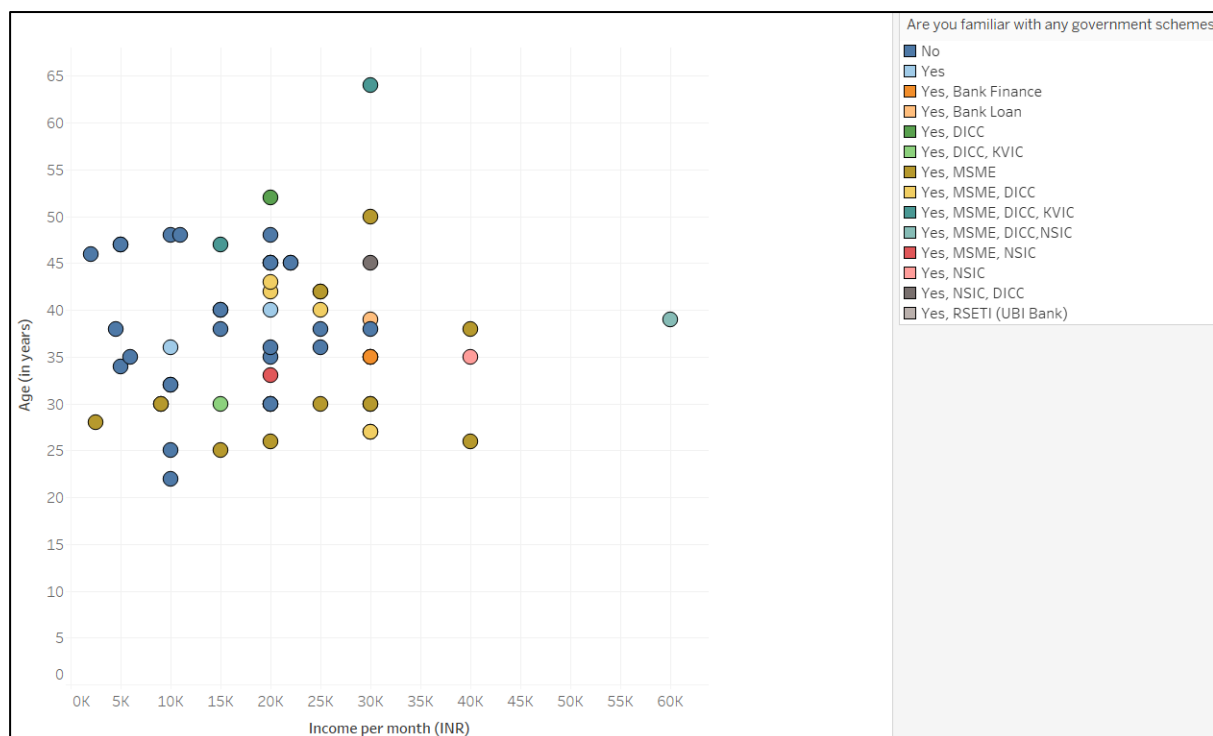


Figure A4.3.4.4 Income per month (INR) vs. Age (in years). Color shows details about – Are you familiar with any government schemes to improve your business?

Figure A4.3.4.5 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.5 represent whether an informal entrepreneur is looking for an alternative market for their products and/or services or not. It is evident from the figure A4.3.4.5 that most of the informal economy entrepreneurs are not looking for alternative markets for their products or services. Government, if looking towards formalization of informal economy, could look at enabling alternative markets to the informal economy entrepreneurs.

Gibson Graham (2006)<sup>223</sup>, differentiate economic transactions into three sub-categories, namely market, alternative market (such as off-the-books exchanges and bartering) and non-market (such as gift-giving and subsistence exchanges), and also labor practices again into three broad types, namely waged, alternative paid (such as cash-in-hand and reciprocal labor) and unpaid (such as family caring and self-provisioning labor). Although these again unravel some of the diversity in the informal economy, they continue to view the economy in total as a unified whole and persist in portraying the formal and informal economy as separate distinct spheres.

<sup>223</sup> Gibson-Graham, J-K. (2006). A Post-Capitalist Politics. Minneapolis: University of Minnesota Press.

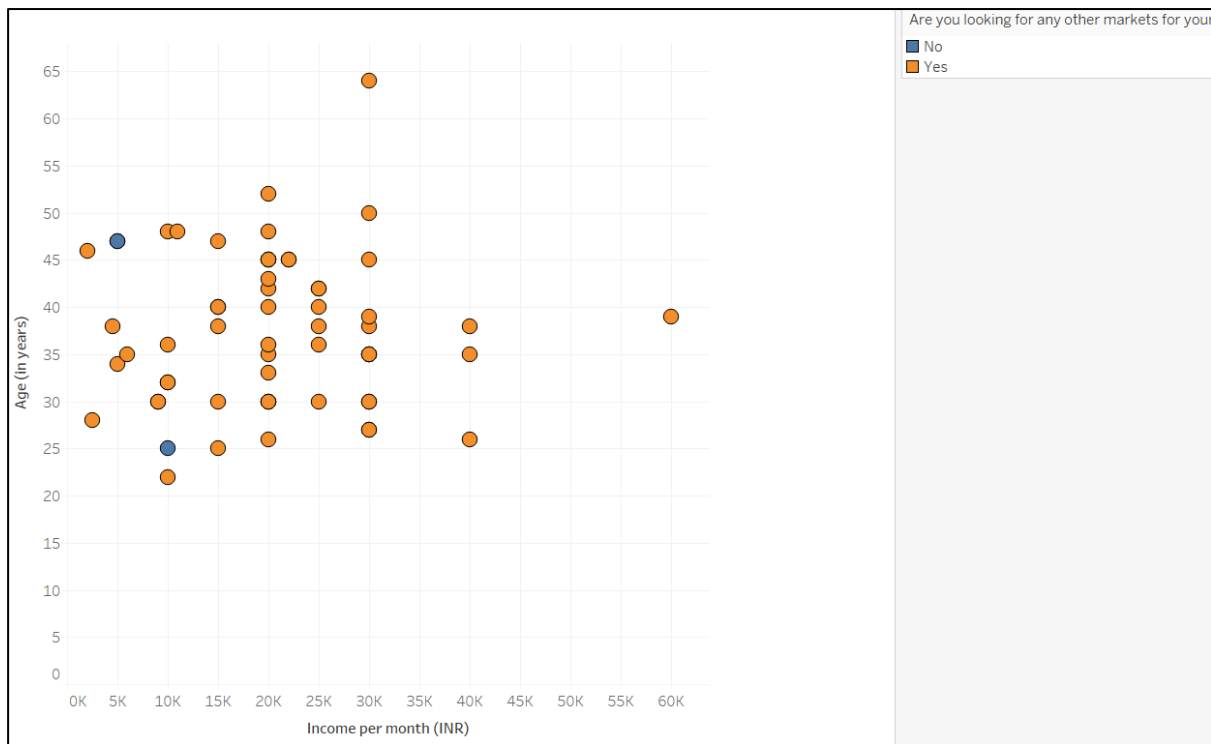


Figure A4.3.4.5 Income per month (INR) vs. Age (in years). Color shows details about – Are you looking for any other markets for your product or services?

Figure A4.3.4.6 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.2 represent whether an informal entrepreneur is a member of an industry forum or not. As can be seen, most of the informal economy entrepreneurs are not a member of any industry forum (similar to the case of A4.3.4.2). Industry forums often augment the social capital and value accrued through networking for an informal economy entrepreneur. From a policy maker's perspective this is an important avenue to consider granting impetus.

Figure A4.3.4.7 and A4.3.4.8 depict visualizations wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.7 represents the challenges faced by an informal economy entrepreneur for *accessing* required capital for capital expenses and color of the points on the scatter plot in Figure A4.3.4.8 represents the challenges faced by an informal economy entrepreneur for *maintaining* required capital for capital expenses. Most of the challenges vocalized by respondents encompass: lack of formal documents, lack of receipts and lack of capital. World Bank (2018)<sup>224</sup> had in fact discovered that the primary reasons for the poor to not engage with the formalized financial system were two-fold: lack of sufficient funds to maintain accounts; and the understanding that there should be one account per family.

<sup>224</sup> Demirgüç-Kunt, Asli, Leora Klapper, Dorothe Singer, Saniya Ansar, and Jake Hess. 2018. The Global Findex Database 2017: Measuring Financial Inclusion and the Fintech Revolution. Washington, DC: World Bank. doi:10.1596/978-1-4648-1259-0. License: Creative Commons Attribution CC BY 3.0 IGO

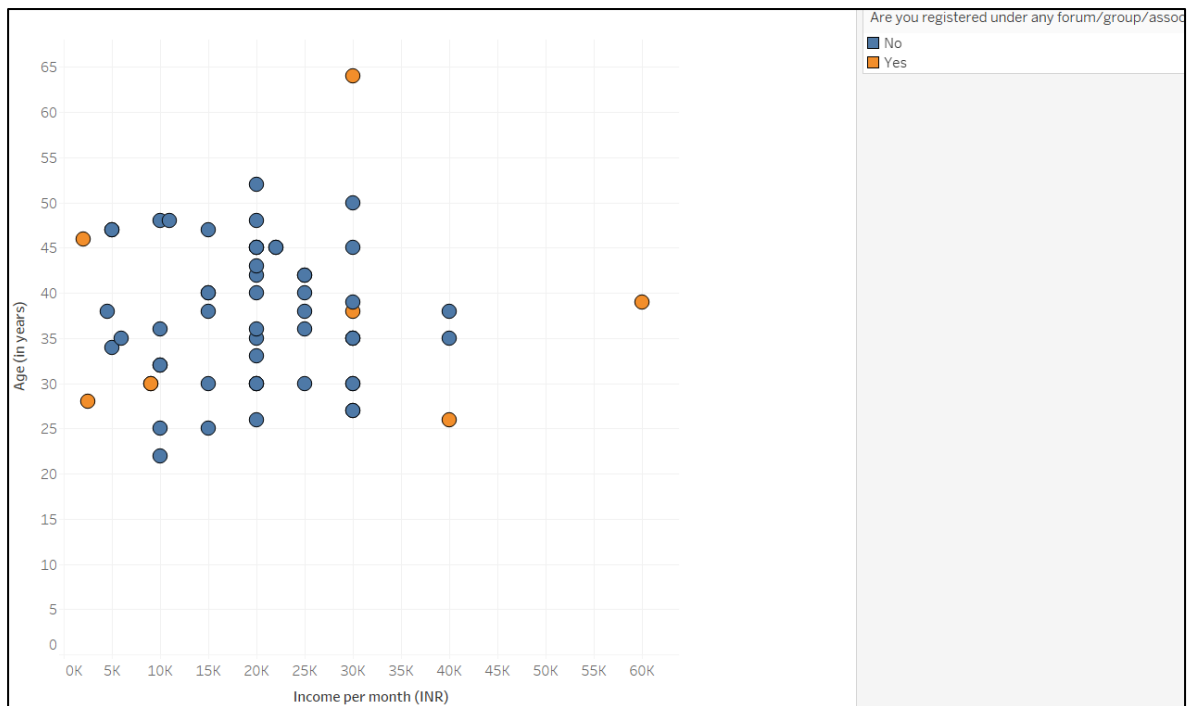


Figure A4.3.4.6 Income per month (INR) vs. Age (in years). Color shows details about – Are you registered under any forum/group/association etc.?

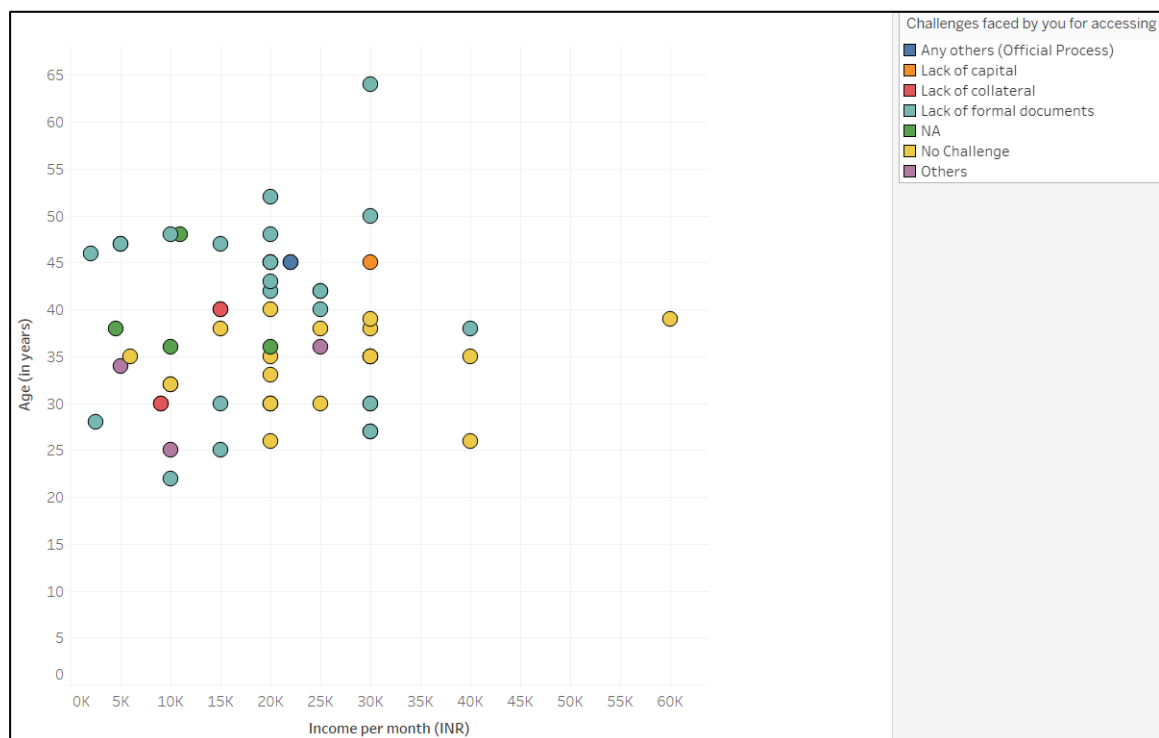


Figure A4.3.4.7 Income per month (INR) vs. Age (in years). Color shows details about – Challenges faced by you for accessing required capital for capital expenses

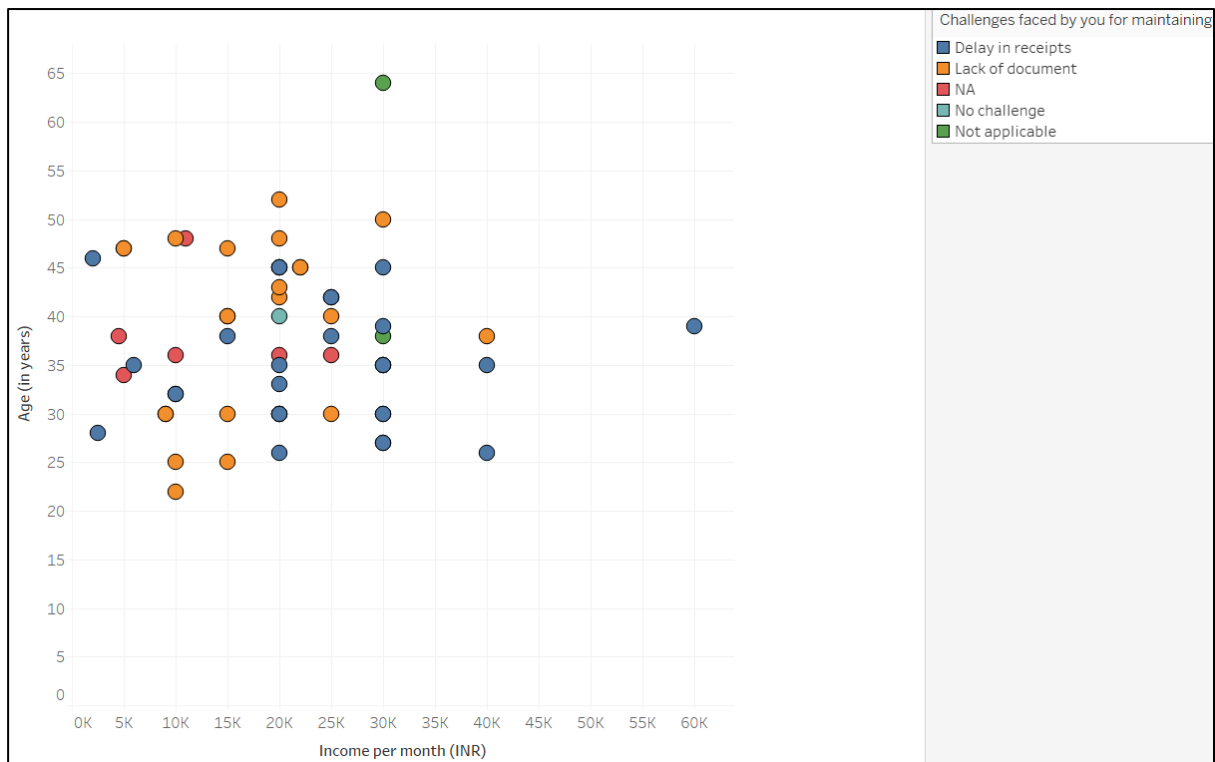


Figure A4.3.4.8 Income per month (INR) vs. Age (in years). Color shows details about – Challenges faced by you for maintaining the requisite capital expenses

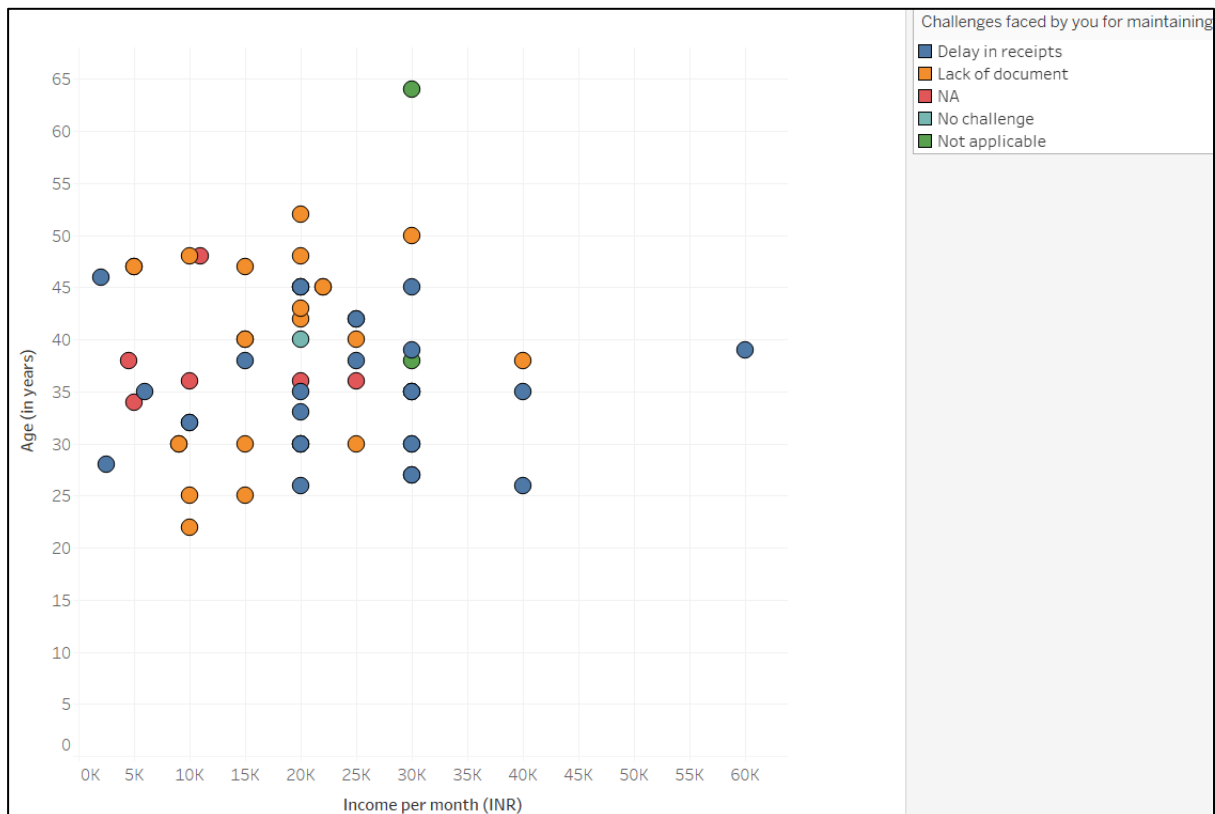


Figure A4.3.4.9 Income per month (INR) vs. Age (in years). Color shows details about – Challenges faced by you for maintaining required capital for operational expenses

Figure A4.3.4.9 represents the challenges faced by an informal economy entrepreneur for *maintaining* required capital for operational expenses. A viable organization (formal or informal) has to generate enough revenue over time to cover the costs of all factors of production and funds under its command, while being able at all points in time to honor the contractual obligations implied by its liabilities<sup>225</sup>. This requires maintenance of funds to support operational expenses. This is also one of the areas wherein informal economy

<sup>225</sup> Schreiner, M., Meyer, R. L., Rodriguez, J., Navajas, S., & González Vega, C. (1996). BANCOSOL-the challenge of growth for microfinance organizations.

entrepreneurs face most challenges thereby making it an ideal dimension for government to intervene. Startups India initiatives such as waiving off<sup>226</sup> EMD<sup>227</sup> amount for startups, their listing on GEM<sup>228</sup> and rebate on IPR registrations for firms having Udyog Aadhaar<sup>229</sup> are welcome steps but only for formal enterprises. Similar impetus is also needed for informal enterprises so that not only can they mitigate their operational expenses woes but also can meaningfully contribute towards India's growth story.

Figure A4.3.4.10 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.10 represent whether an informal entrepreneur has paid bribe to enter into the market or not. As is evident from the figure A4.3.4.10, rarely respondents have had to pay bribe for entering into a market. Bribe and other unfair practices are crucial for determination of roadblocks to spread of informal enterprises and for determining strategies for easing the way to formalization.

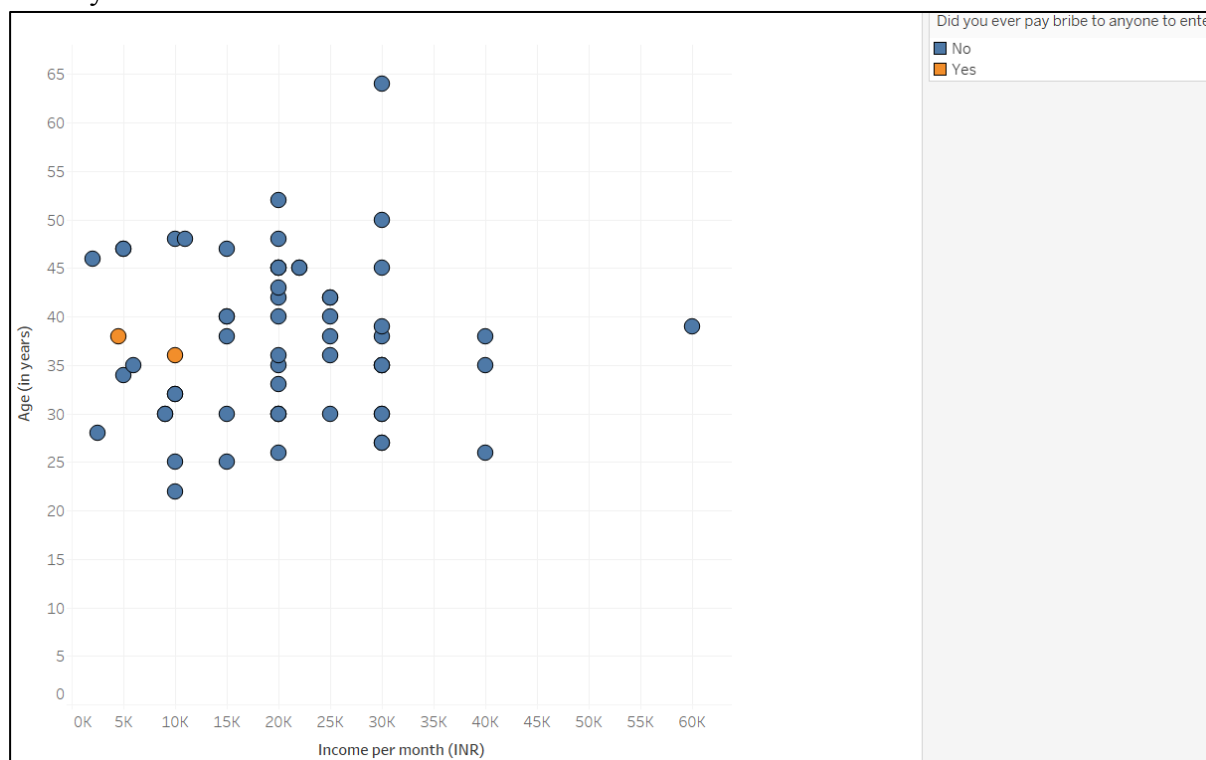


Figure A4.3.4.10 Income per month (INR) vs. Age (in years). Color shows details about – Did you ever pay bribe to anyone to enter in the market?

Figure A4.3.4.11 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.11 represent whether an informal entrepreneur has enough demand for their product or services in their vicinity and whether that demand is regular or seasonal? As is evident, most of the informal entrepreneurs have responded that they have regular local demand. Since fulfilment of local demand<sup>230</sup> relies a lot on informal networks and modes of operation, informal enterprises sometimes due to this reason also have lessened motivation to formalize their setups. Though this trend has begun to change – particularly with enterprises that are part of the e-commerce value chain in one form or the other.

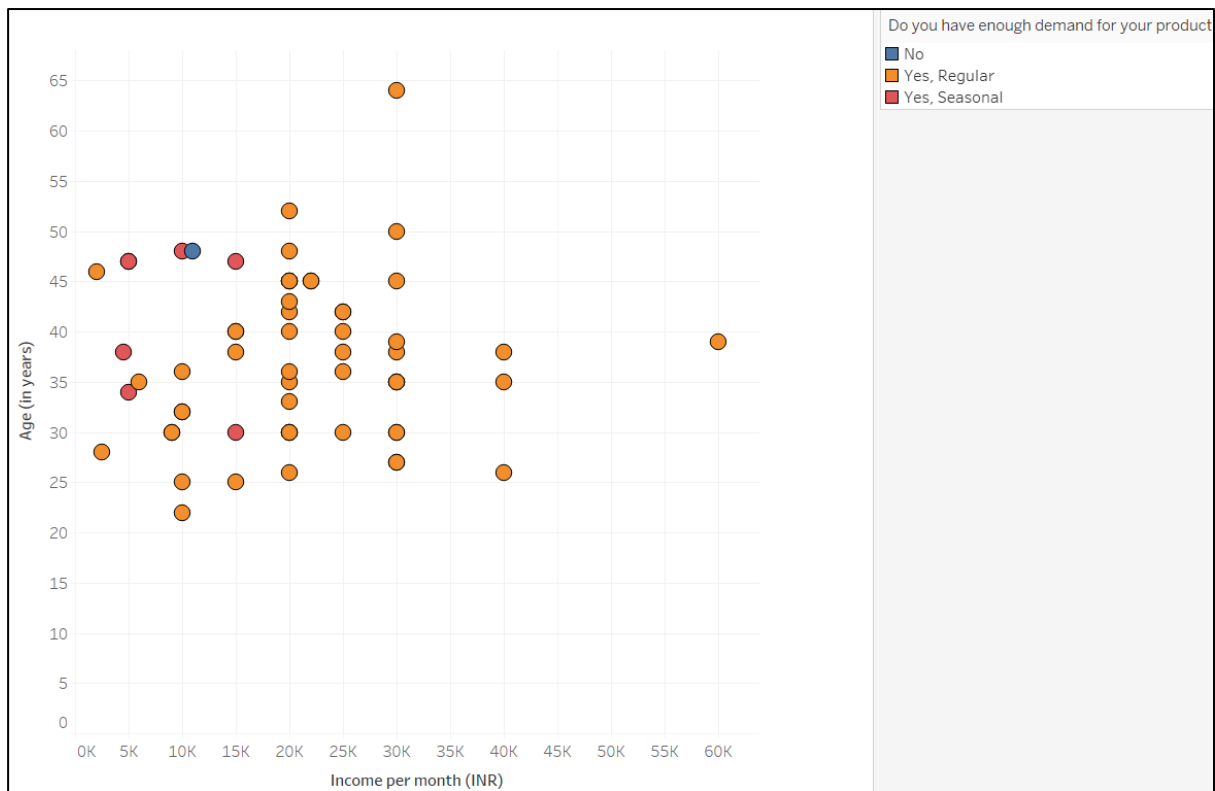


Figure A4.3.4.11 Income per month (INR) vs. Age (in years). Color shows details about – Do you have enough demand for your product or services in your vicinity? Is it regular or seasonal?

Paid and unpaid family members contributing to value generation in an informal setup are a common yet critical phenomenon. Figure A4.3.4.12 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.12 represent whether an informal entrepreneur has workers in their unit, belong to their family. As per the responses received, informal enterprises wherein the family members are working are almost same in comparison to the informal enterprises wherein the family members are not working.

Figure A4.3.4.13 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.13 represent whether an informal entrepreneur gets and gives invoices for business transactions. As is evident from the figure A4.3.4.13, majority respondents said “no” for invoices for their business transactions. This is one of the key features of informal economy and if financial technology and government policy be adequately designed it can enable increased generation and use of formal receipts in transactions.



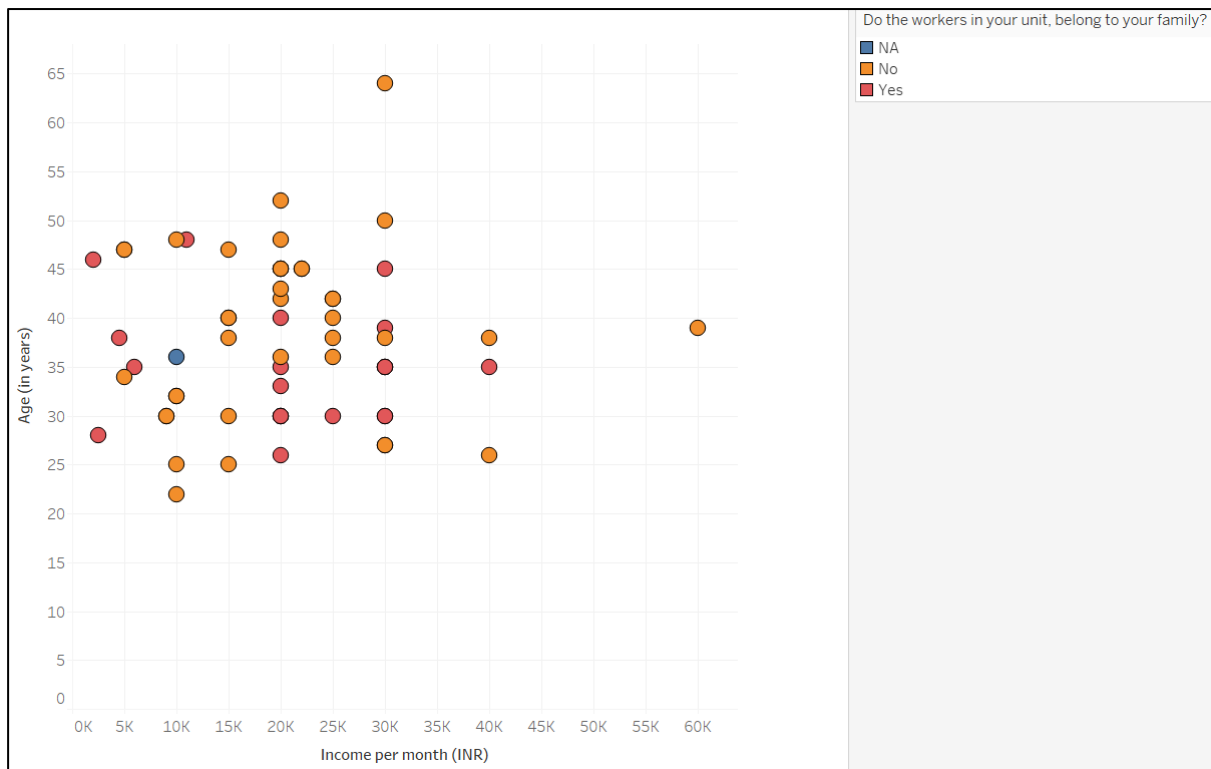


Figure A4.3.4.12 Income per month (INR) vs. Age (in years). Color shows details about – Do the workers in your unit, belong to your family?

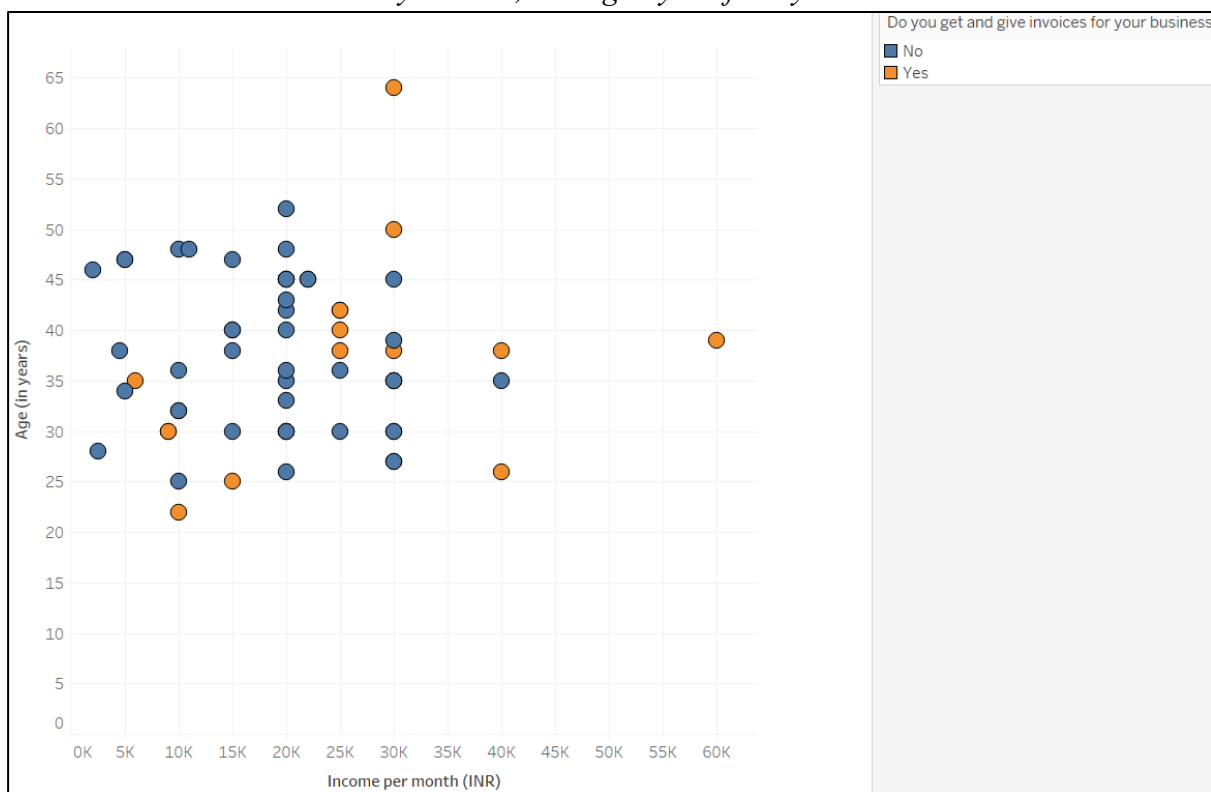


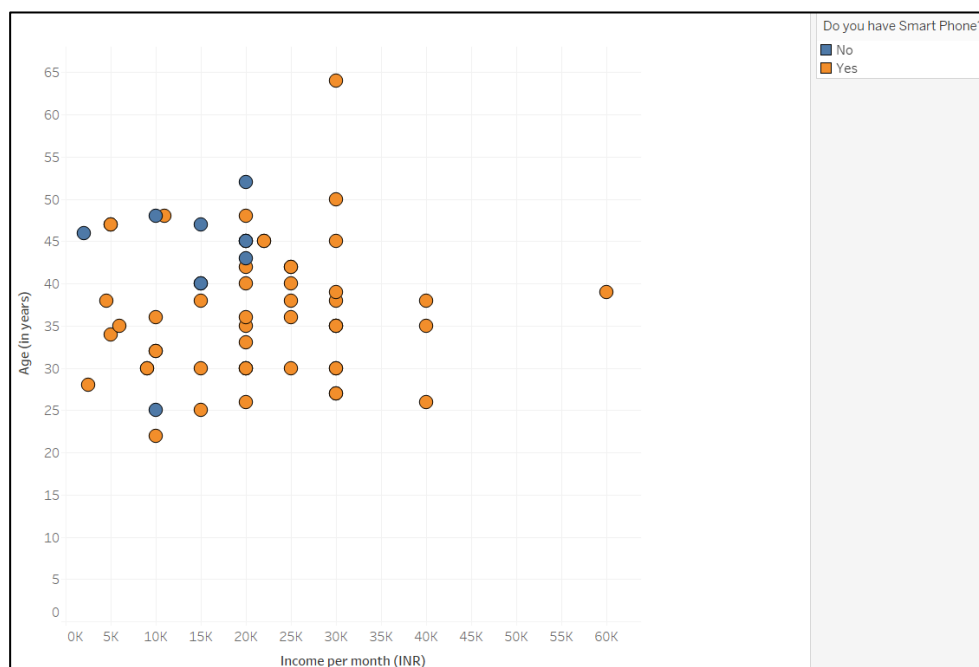
Figure A4.3.4.13 Income per month (INR) vs. Age (in years). Color shows details about – Do you get and give invoices for your business transactions?

Figure A4.3.4.14 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.14 and A4.3.4.22 represent whether an informal entrepreneur has a smartphone or not and whether an informal economy entrepreneur uses personal mobile or not. As is evident from figures, majority of the respondents own smartphone. This is a positive trend towards telecom mobility enabling greater connectivity to entrepreneur and opportunity for digital initiatives of government. Similar question regarding use of computer was also

asked to the respondents as shown in figure A4.3.4.21. But majority respondents said that they donot use computers. This shows the preference and growth of m-commerce<sup>231</sup>.

Figure A4.3.4.15 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.15 represent whether an informal entrepreneur maintains business records. As is evident from the figure A4.3.4.15, majority respondents said “yes” for this. Financial statements and records are an important source of explicit records in case of financial transactions in formal and informal economy. Traditional businesses and informal businesses several times have their own methods of accounting.

Figure A4.3.4.16 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.16 represent whether an informal entrepreneur works out of own place or rented place. Majority of people responded with the response that they “own” the place. More and more function of formal economy is being served in an informal manner by the omnipresent informal and gig economy. Investigation of types of place of operation of informal units (whether it is owned/rented one etc.) is important to see the spread of informal enterprises. This could also be an avenue for government to create and nurture clusters and also the growing concept of co-working spaces especially the services sector. This could be done by nodal ministry or my specialized function specific departments of more than one ministry.



*Figure A4.3.4.14 Income per month (INR) vs. Age (in years). Color shows details about – Do you have Smart Phone?*

<sup>231</sup> Al-Adwan, A. S., Alrousan, M., Al-Soud, A., & Al-Yaseen, H. (2019). Revealing the black box of shifting from electronic commerce to mobile commerce: the case of Jordan. *Journal of theoretical and applied electronic commerce research*, 14(1), 51-67.

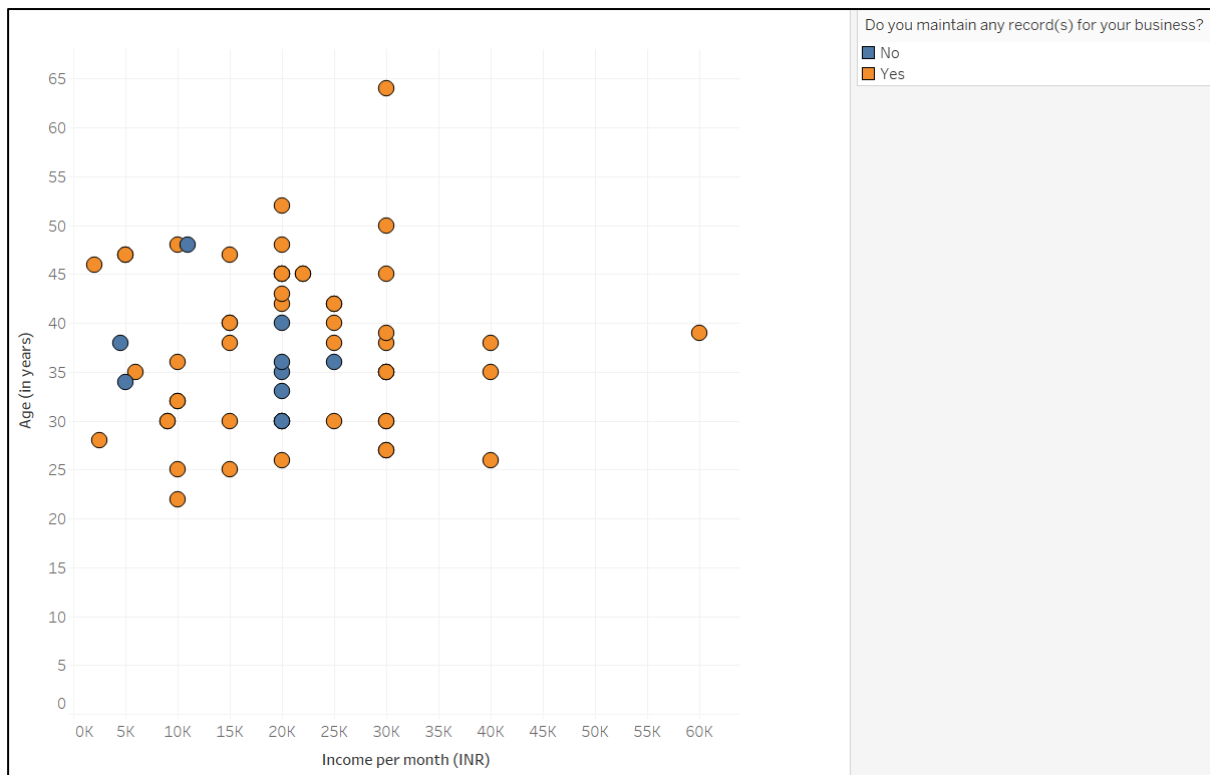


Figure A4.3.4.15 Income per month (INR) vs. Age (in years). Color shows details about – Do you maintain any record(s) for your business

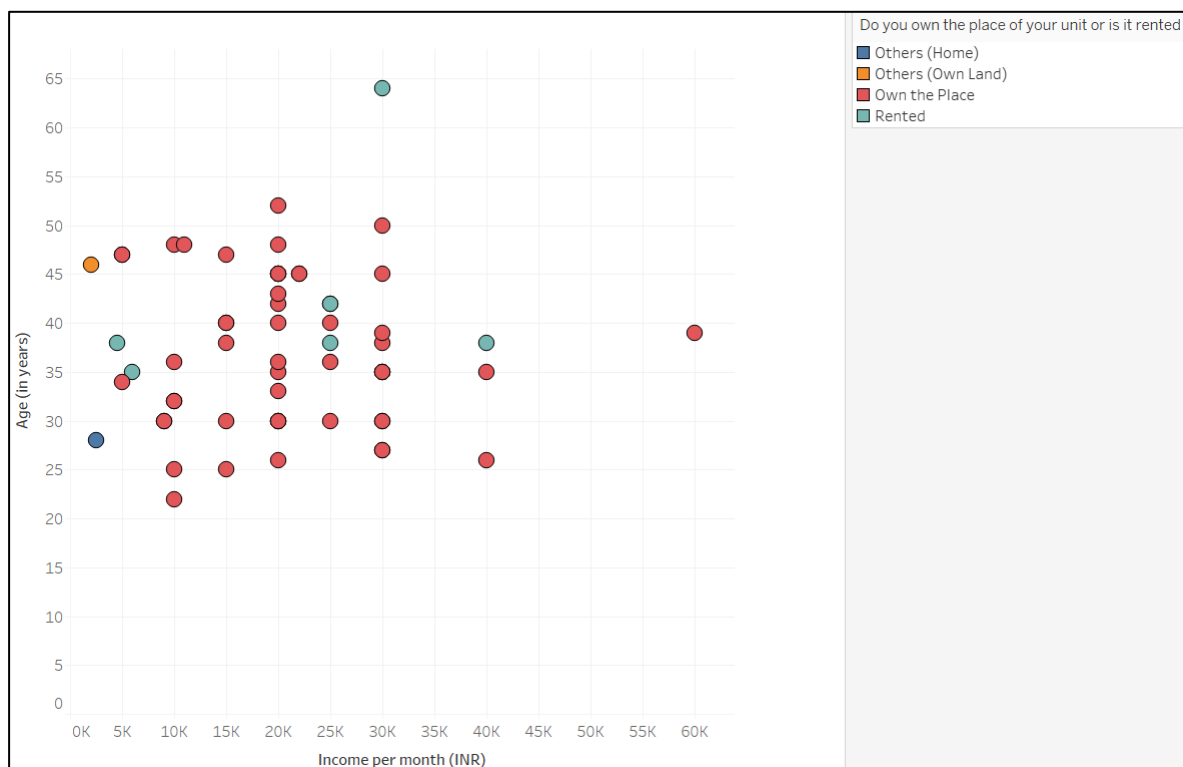


Figure A4.3.4.16 Income per month (INR) vs. Age (in years). Color shows details about – Do you own the place of your unit or is it rented one?

Figure A4.3.4.17 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.17 represent whether an informal entrepreneur had to pay bribe to operate in the market or not. Majority of the respondents said that they “did not” pay bribe for operating in the market. This is a positive trend since bribery and other inequalities<sup>232</sup> lead of unfair access to opportunities and thereby being detrimental to societal benefit at large.

<sup>232</sup> Hellman, J. S., & Kaufmann, D. (2004). The inequality of influence. In Building a Trustworthy State in Post-Socialist Transition (pp. 100-118). Palgrave Macmillan, New York.

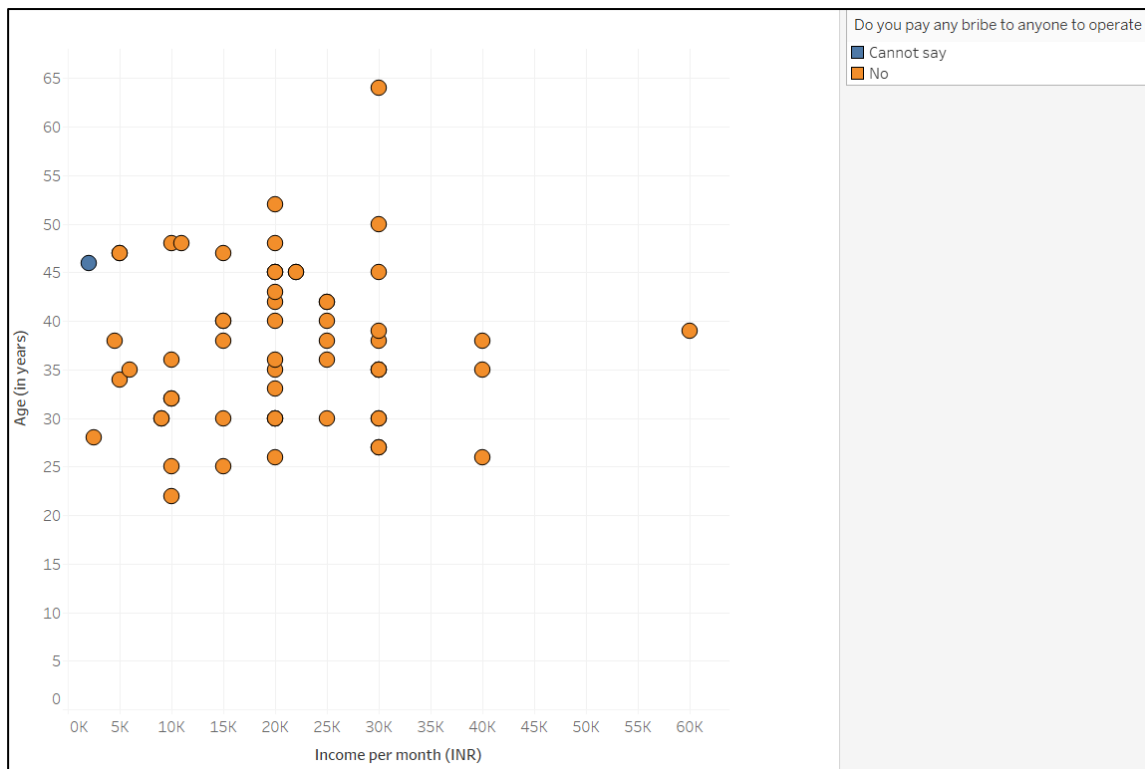


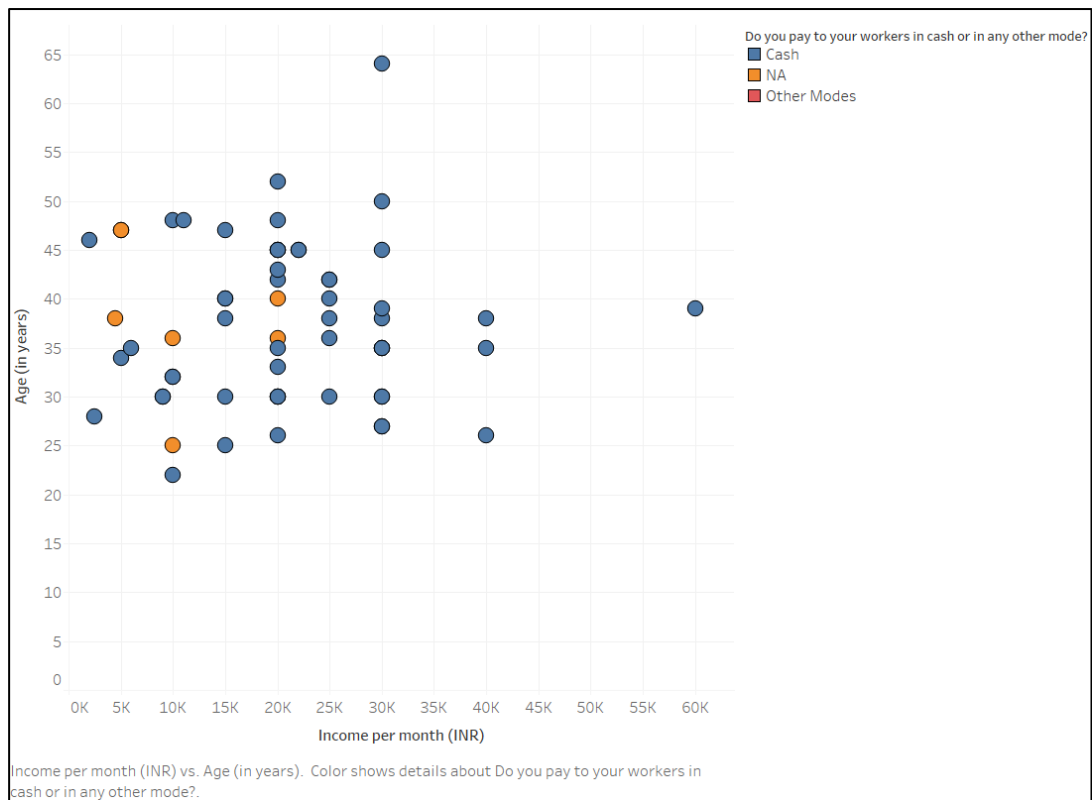
Figure A4.3.4.17 Income per month (INR) vs. Age (in years). Color shows details about – Did you pay any bribe to operate in the market

Figure A4.3.4.18 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.18 represent whether an informal entrepreneur you pay to its workers in cash or in any other mode. Cash and alternate channels of making and receiving payments are an important source of information about informal enterprises. As is evident, most of the respondents pay to their workers in cash despite demonetization and government's push and incentives towards electronic mode of transactions<sup>233</sup>.

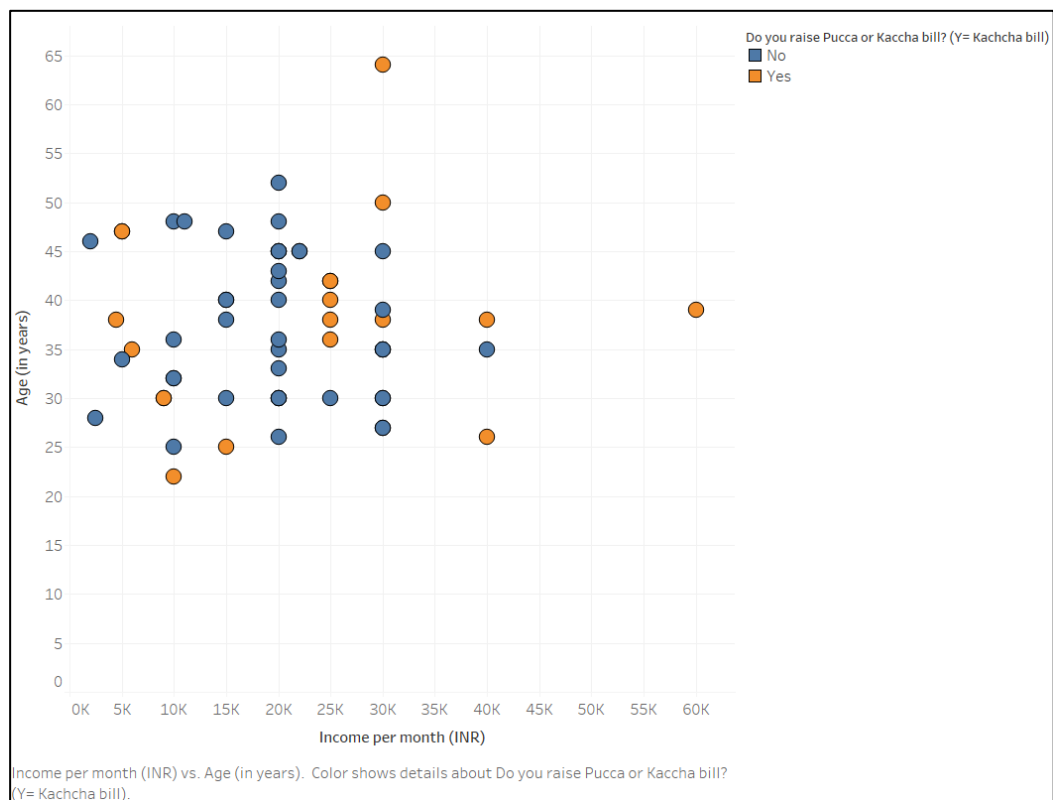
Figure A4.3.4.19 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.19 represent whether an informal entrepreneur raises Pucca or Kaccha bill. As is evident from the responses plotted, the kaccha bill still supersedes pakka bill. This happens due to many reasons – one of them being tax evasion<sup>234</sup>.

<sup>233</sup> Mahadevan, B. (2019). Reduce working capital and increase profitability: Using electronic payments. Journal of Banking and Financial Technology, 3(1), 83-95.

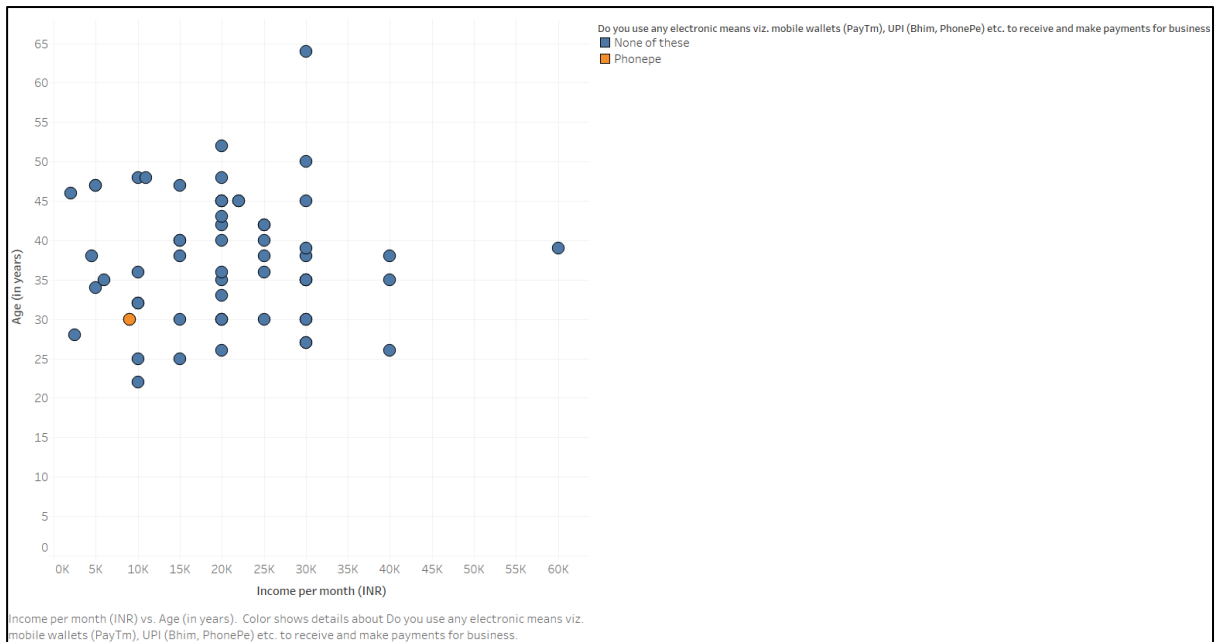
<sup>234</sup> <https://www.tribuneindia.com/news/himachal/gst-kutch-bill-still-preferred/504434.html>



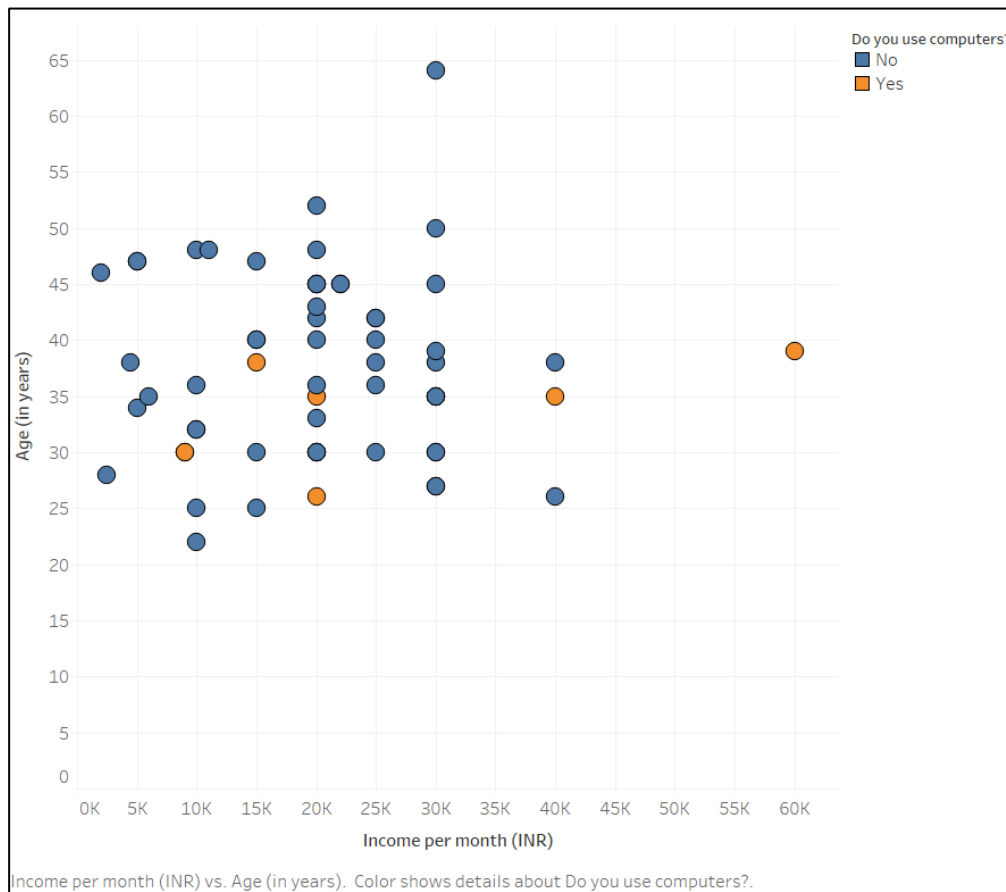
*Figure A4.3.4.18 Income per month (INR) vs. Age (in years). Color shows details about – Do you pay to your workers in cash or in any other mode*



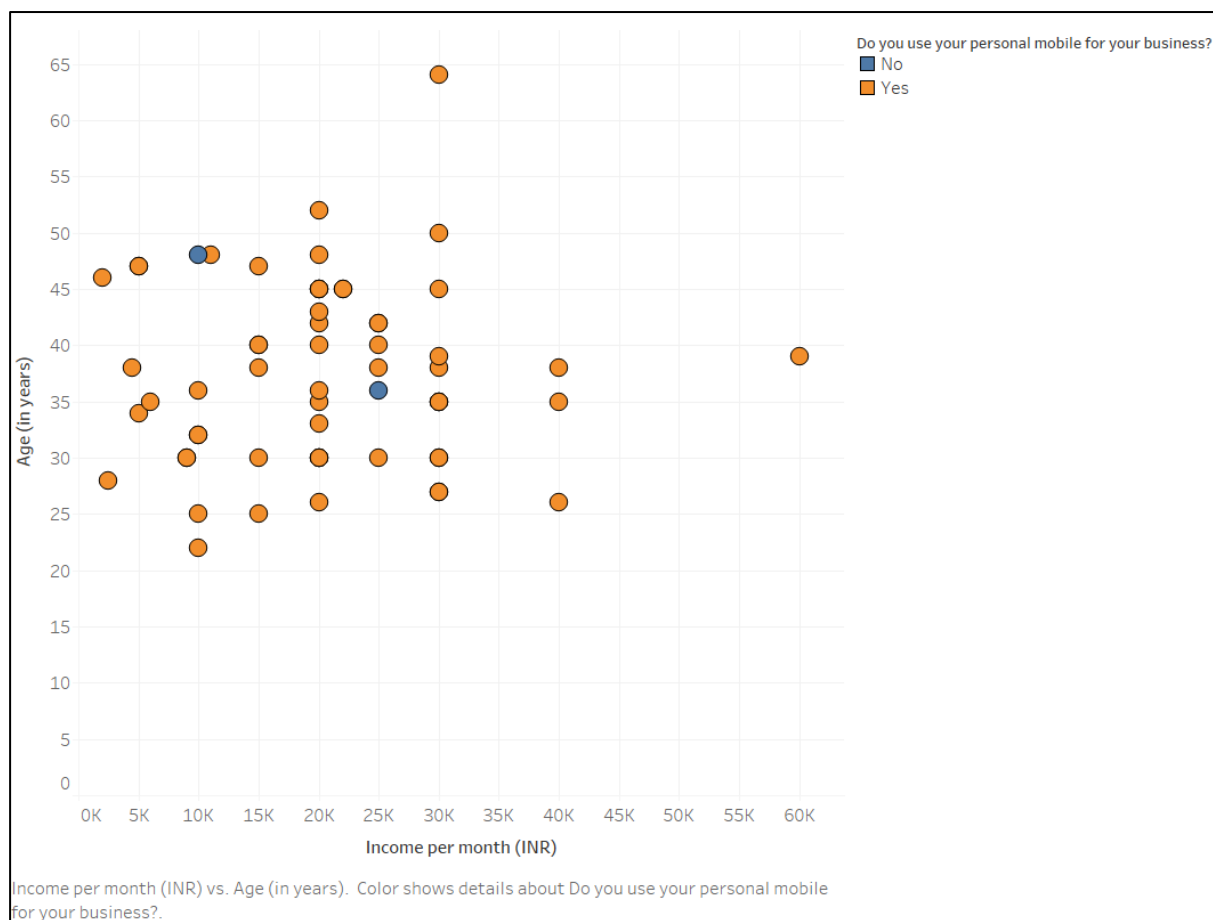
*Figure A4.3.4.19 Income per month (INR) vs. Age (in years). Color shows details about – Do you raise Pucca or Kaccha bill?*



*Figure A4.3.4.20 Income per month (INR) vs. Age (in years). Color shows details about – Do you use any electronic means viz. mobile wallets (PayTm), UPI (Bhim, PhonePe) etc. to receive and make payments for business transaction?*



*Figure A4.3.4.21 Income per month (INR) vs. Age (in years). Color shows details about – Do you use computers?*



*Figure A4.3.4.22 Income per month (INR) vs. Age (in years). Color shows details about – Do you use your personal mobile for your business?*

Figure A4.3.4.20 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.20 represent whether an informal entrepreneur uses any electronic means viz. mobile wallets (PayTm), UPI (Bhim, PhonePe) etc. to receive and make payments for business transactions. Post demonetization in India, alternate channels of payments (sending and receiving) are on the rise especially those are mobile enabled. This finding is in resonance with increase in use of smartphones by informal entrepreneurs. Since any financial technology is a touchpoint with the formal banking system of the country, these modes of payments can be treated as emerging proxies (surrogate variables) for paving path for formalization of informal enterprises.

Figure A4.3.4.23 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.23 and A4.3.4.26 represent whether an informal entrepreneur acquired their skill informally along with any Source (if any) from where they acquired skills and where did the entrepreneur get trained formally. For formalization efforts of informal economy estimation of quantum and quality of human capital in informal sector holds a critical importance.

Figure A4.3.4.24 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.24 represent whether an informal entrepreneur has availed benefits of any government schemes and majority of the respondents replied “no”. This is an avenue wherein on-ground progress can be made using human and technological capital.

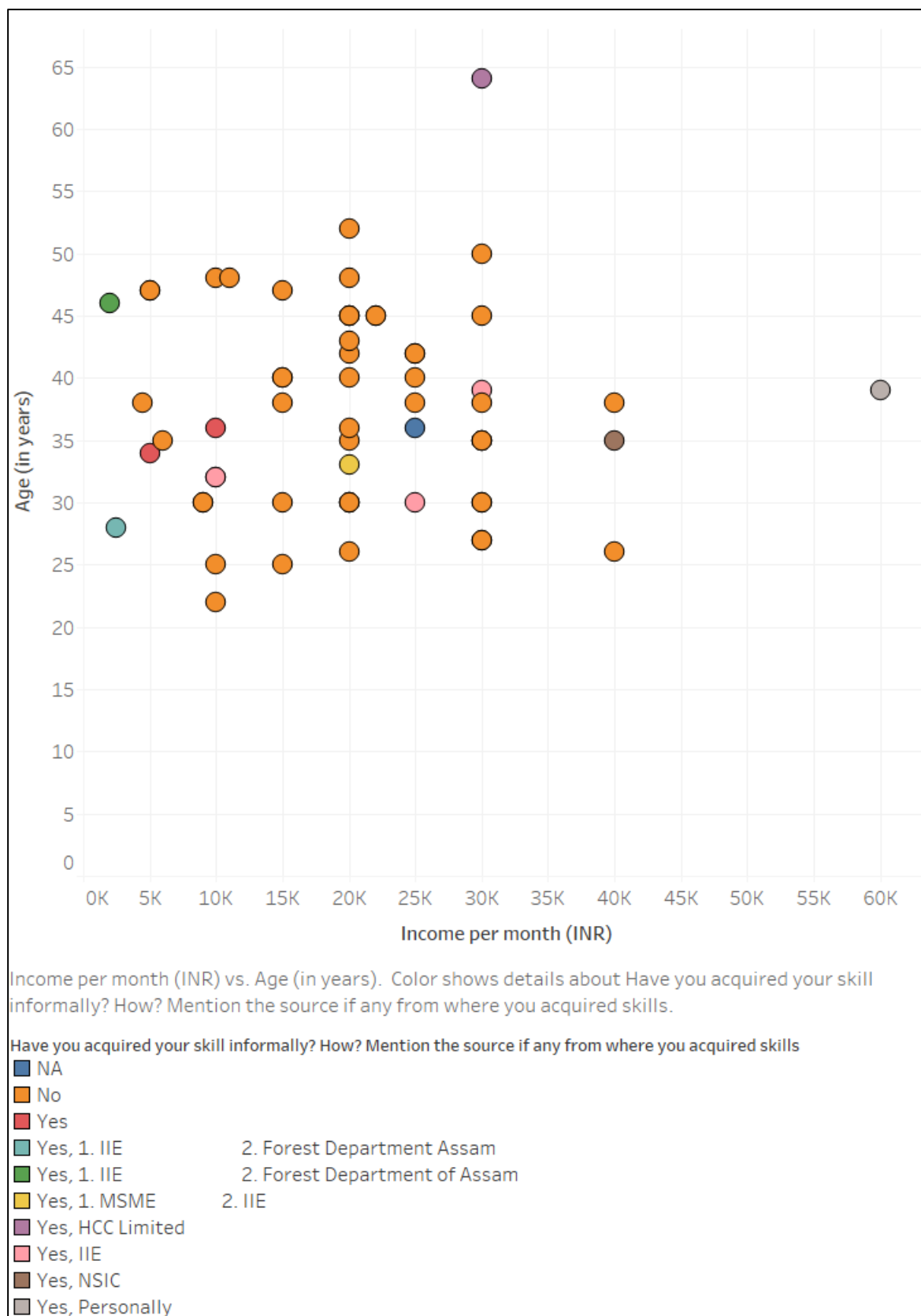
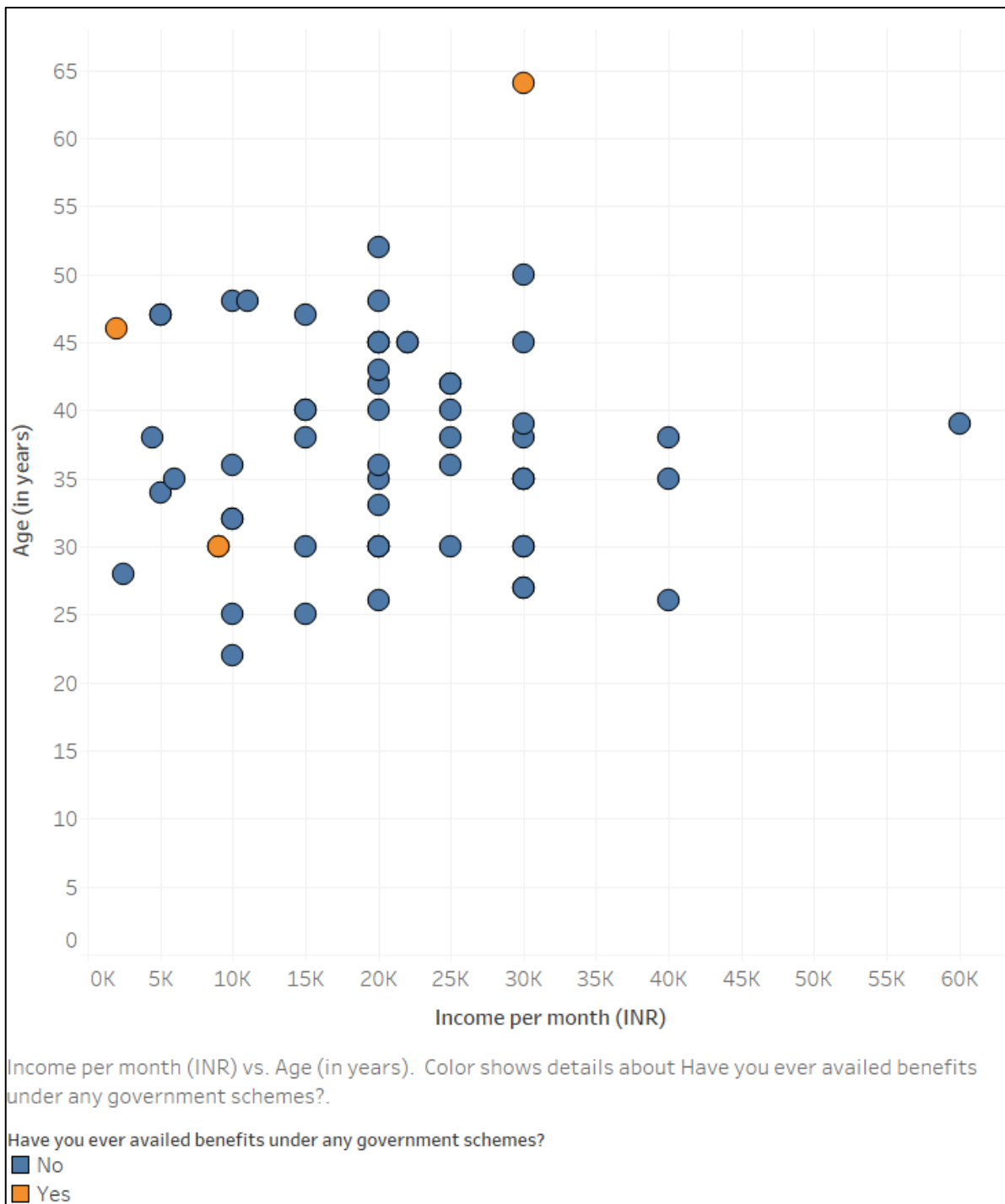


Figure A4.3.4.23 Income per month (INR) vs. Age (in years). Color shows details about – Have you acquired your skill informally? How? Mention the Source if any from where you acquired skills





*Figure A4.3.4.24 Income per month (INR) vs. Age (in years). Color shows details about – Have you ever availed benefits under any government schemes?*

Figure A4.3.4.25 depicts a visualization wherein income in INR of informal entrepreneur has been plotted with the age of the entrepreneur. The color of the points on the scatter plot in Figure A4.3.4.24 represent whether an informal entrepreneur has taken any loan and majority of the respondents replied “no”. This is an avenue wherein both public and private sector can jointly make progress using cutting edge credit assessment and disbursement tools. Value creation activities of a firm (formal/informal) are highly dependent on the access to capital. Capital can be in various forms – one of them being credit. If access to this factor of production can be eased then growth and formalization process of informal enterprises can be smoothened.

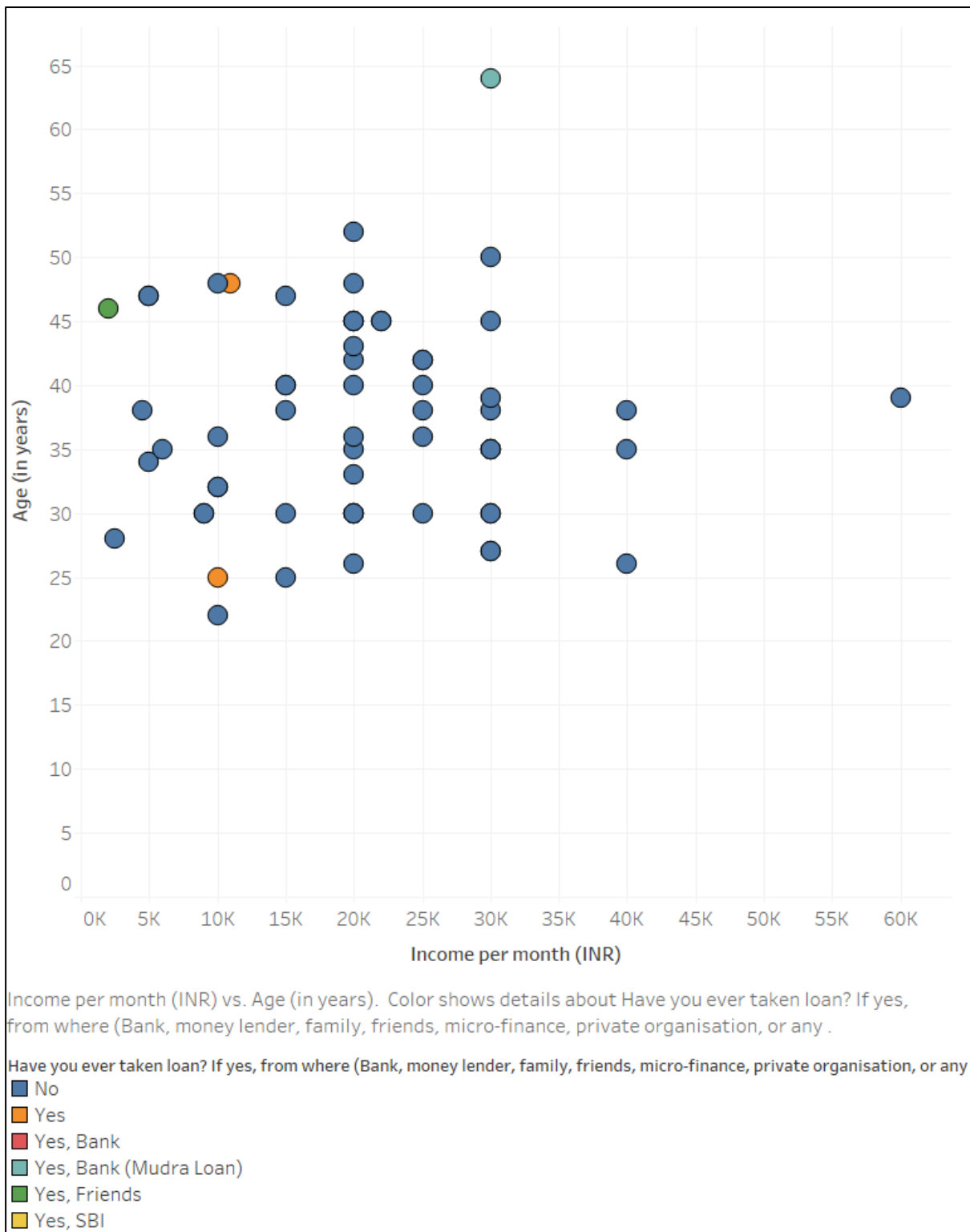


Figure A4.3.4.25 Income per month (INR) vs. Age (in years). Color shows details about – Have you ever taken loan? If yes, from where (Bank, money lender, family, friends, micro-finance, private organisation, or any other)?



Figure A4.3.4.26 Income per month (INR) vs. Age (in years). Color shows details about –Have you received any formal training for your business? Please specify – Agency from where you got training

#### A4.4 Data Collection, Analysis & Presentation (MDI Gurgaon)

##### A4.4.1 Sub-sector: Plant Nursery, Coaching Institutes, Crèche, Bicycle Repair Shops

**Sample Size:** 50 (respondents were pooled in across Delhi-NCR)

**Instrument:** Semi-structured questionnaire with open-ended response

**Data collection:** in-depth interview

**Analysis:** descriptive (open ended response were further coded and analysed) along with qualitative observations.

The list of Plant Nursery, Coaching Institutes, Crèche, Bicycle Repair Shops was extracted using geospatial data from Google Earth Pro. The Preliminary data looked as shown in Figure A4.4.1.1.

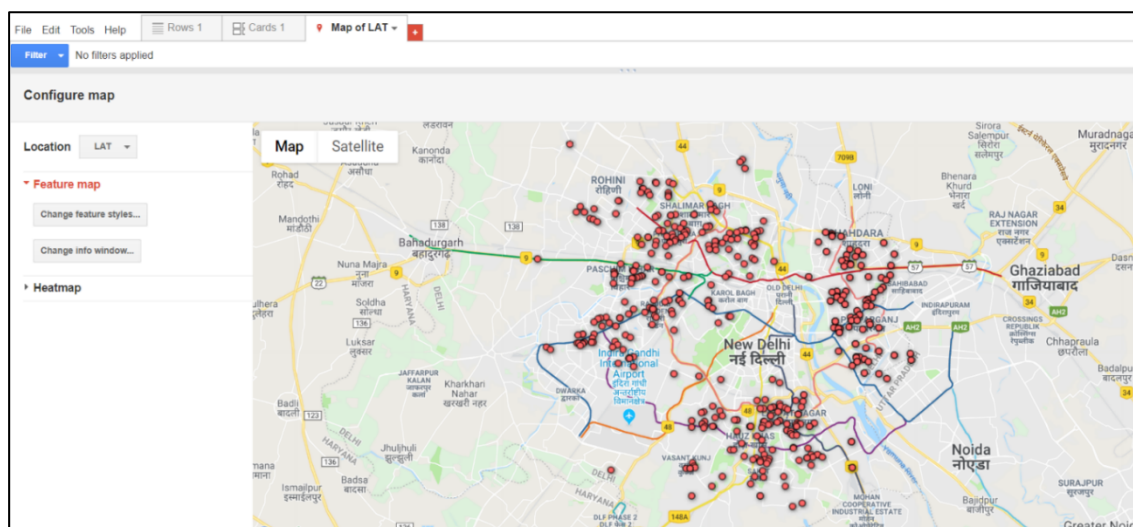


Figure A4.4.1.1 GeoSpatial Plotting of the Sample Population (Delhi - Plant Nursery, Coaching Institutes, Crèche, Bicycle Repair Shops)

The points of interest were further sub-divided into categories (Plant Nursery, Coaching Institutes, Crèche, Bicycle Repair Shops) wherein each category was color coded and represented on the map for updated map as shown in Figure A4.4.1.2.

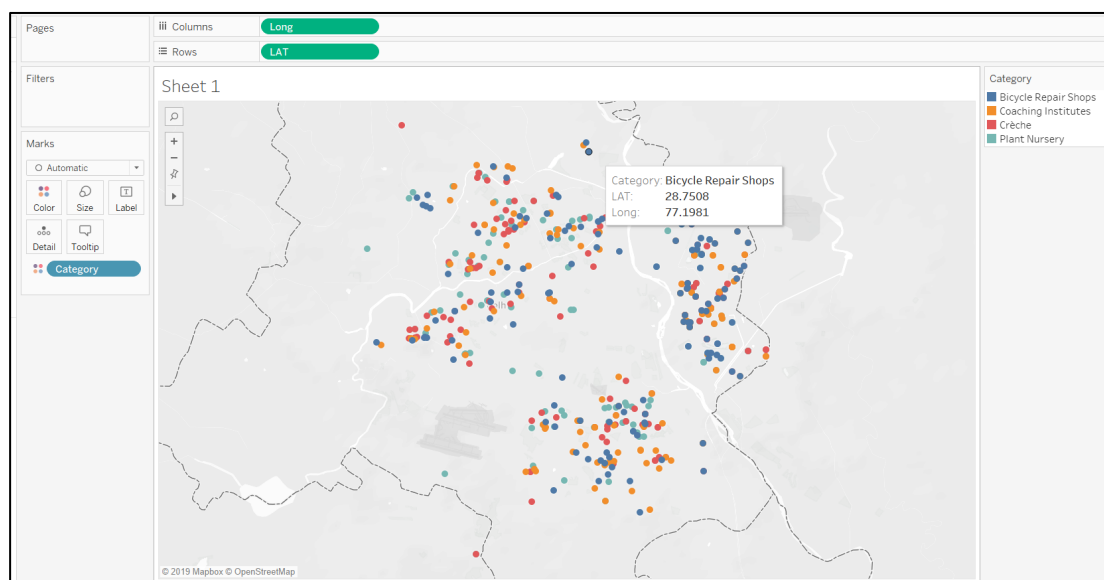


Figure A4.4.1.2 Points of interest plotted on openstreetmap with each category color-coded

This helped us in physically going to the locations for the case study surveys.

**Descriptive Analysis:** Table A4.4.1.1, A4.4.1.2 and A4.4.1.3 give the summary of responses for the questionnaire to the Plant Nursery, Coaching Institutes, Crèche, Bicycle Repair Shops.

**Table A4.4.1.1 Descriptive Analysis – General Information**

|                  | Min.  | Max.  | Mean  | N  |
|------------------|-------|-------|-------|----|
| Age (in years)   | 19    | 50    | 36    | 50 |
| Income per month | 10000 | 70000 | 28000 | 50 |

**Table A4.4.1.1 Descriptive Analysis – General Information**

|                                                             |   |    |    |    |
|-------------------------------------------------------------|---|----|----|----|
| How long you have been working in this location? (in Years) | 1 | 20 | 17 | 50 |
| How many persons are working in your unit?                  | 1 | 10 | 5  | 50 |

**Table A4.4.1.2 – Information about operation of individual entrepreneurs**

|   |                                                                                                                                |                            |                                      |             |             |
|---|--------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|-------------|-------------|
| 1 | Is it a sole-proprietorship or in a partnership? Or a family business?                                                         | Sole-proprietorship (86%)  | Partnership (14%)                    |             |             |
| 2 | Do you own the place of your unit or is it rented one?                                                                         | Rented (100%)              | Owned (0)                            |             |             |
| 3 | How do you pay your rent (cash or in other modes of payment viz. cheque, mobile wallet, UPI etc.)?                             | Cash (68%)                 | Cash & Cheque (22%)                  | Cheque (6%) | Card (4%)   |
| 4 | Do you get the receipt for rent payment?                                                                                       | Yes (16%)                  | No (84%)                             |             |             |
| 5 | Are you authorized to do the economic activity by any government agency?                                                       | Yes (36%) GST              | No (64%)                             |             |             |
| 6 | Do the workers in your unit, belong to your family?                                                                            | Yes (40%)                  | No (60%)                             |             |             |
| 7 | Do you pay to your workers in cash or in any other mode?                                                                       | NA (24%)                   | Cash (60%)                           | PayTm (10%) | Cheque (6%) |
| 8 | Do you have bank account in the name of your business? Is it saving bank account or current account? Or is it a joint account? | Only Saving Bank A/C (64%) | Both Current & Saving Bank A/C (36%) |             |             |
| 9 | Are you registered under any forum/group/association etc.?                                                                     | Yes (20%)                  | No (80%)                             |             |             |

**Table A4.4.1.3 Information about operation of individual entrepreneurs (contd.)**

|    |                                                                                                                                              |                  |                                                    |  |  |
|----|----------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------|--|--|
| 10 | Do you use your personal mobile for your business?                                                                                           | Yes (60%)        | Personal as well as separate mobile for shop (40%) |  |  |
| 11 | Do you use any electronic means viz. mobile wallets (PayTm), UPI (Bhim, PhonePe) etc. to receive and make payments for business transaction? | Only PayTm (30%) | Any electronic payment (70%)                       |  |  |
| 12 | Is the electricity meter installed at your business unit?                                                                                    | Yes (90%)        | No (10%)                                           |  |  |
| 13 | Is the water meter installed at your business unit?                                                                                          | Yes (0)          | No (100%)                                          |  |  |
| 14 | Are you familiar with any government schemes to improve your business?                                                                       | Yes (92%)        | No (8%)                                            |  |  |
| 15 | Have you ever availed benefits under any government schemes?                                                                                 | Yes (0)          | No (100%)                                          |  |  |

**Table A4.4.1.3 Information about operation of individual entrepreneurs (contd.)**

|    |                                                                                                                                        |                     |                                                     |                              |  |
|----|----------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------|------------------------------|--|
| 16 | Have you ever taken loan? If yes, from where (Bank, money lender, family, friends, micro-finance, private organisation, or any other)? | Yes (34%) from Bank | No (62%)                                            | Tried but could not get (4%) |  |
| 17 | Do you maintain any record(s) for your business?                                                                                       | Yes (70%)           | No (30%)                                            |                              |  |
| 18 | Do you get and give invoices for your business transactions?                                                                           | Yes (24%)           | No (76%)                                            |                              |  |
| 19 | Do you raise Pucca or Kaccha bill?                                                                                                     | Pucca bill (16%)    | Kaccha bill (20%)                                   | Both (64%)                   |  |
| 20 | Do you have enough demand for your product or services in your vicinity? Is it regular or seasonal?                                    | Not much (34%)      | Sufficient (66%)                                    |                              |  |
| 21 | Are you looking for any other markets for your product or services?                                                                    | Yes (30%)           | No (70%)                                            |                              |  |
| 22 | Did you ever pay bribe to anyone to enter in the market? If yes, to whom?                                                              | Yes (0)             | No (100%)                                           |                              |  |
| 23 | Do you pay any bribe to anyone to operate in the market? If yes, to whom?                                                              | NA (90%)            | Yes (10%) For interstate transfer of plant saplings |                              |  |
| 24 | Have you received any formal training for your business?                                                                               | Yes (40%)           | No (60%)                                            |                              |  |
| 25 | Have you acquired your skill informally? How?                                                                                          | Yes (80%)           | No (20%)                                            |                              |  |

### **Qualitative Observations (As expressed by respondents)**

- These informal economy units operating across Delhi have benefitted from the rise of fintech innovations (such as BHIM, UNI, PayTM, PhonePe etc) and demonetization in the past 2-3 years. The reason for this has been the mitigated delays in receipt of payments. Pre-demonetisation most of these informal economy workers has to wait for their payments since most of the payments were made in cash. Also, in a lot of these units there is a disparity in the consumer and customer. Say for example in tuition and coaching units – The students who consumed the services were not the people paying for it. There used to be regular delays in terms of payments but now those delays have been mitigated significantly. However, for businesses such as plant nurseries and creches, the business to business transactions still rely on cheque/cash modes and the payment problems still sustain.
- With respect to help from Government Policies – two businesses that have benefitted from external economic environment changes and government policies have been plant nurseries and coaching centres. This is because:
  - For coaching/tuition centres: Due to implementation of RTE (Right to Education) Act, a lot of students from the economically backward classes in the semi-urban areas of Delhi are now attending schools at a very low cost. This means that the capital set aside by the parents of these children becomes extra and now this amount is spent on tuitions for better future of children. This has led to growth in the business of tuition/coaching centres – particularly in Delhi NCR due to effective enforcement of RTE.
  - Plant Nurseries: Due to rising pollution in Delhi NCR, people as a whole are more concerned about their health and turning to natural air cleaning media (i.e. plants) and that is augmenting growth of plant sales and rise in number of nurseries.
- Majority of the shops are sole-proprietorship and are about 10 years old.

- Most creches and tuition centres are home-run and informal units. The cycle shops and nurseries are mostly on rented premises or opened as part of a small space of their homes/ancestral properties in the panchayat area.
- No registration is required to start this business. Anyone can start it anywhere. Though the big shop owners, i.e. whose business is running good (which shows in their high monthly income) have done their registration under GST.
- Most of these informal economy workers face expansions problems since e-commerce portals such as Amazon/Paytm malls needs digital skills and GST details. Their reach beyond local area is limited because of it.
- What matters most for these informal units is money. They fund their operational expenses and some of the capital expenses from the operating income. So, to get money as per convenience of customers, most of us are using digital payments, especially PayTm and BHIM. It is about giving more choices to customers, so that customers should not go away due to payment issue.
- Tuition centres and nurseries are run by people who have had some form of informal/formal training. Bicycle repair shops was run by people who learned the craft of work on the job.

#### A4.4.2 Sub-sector: Eateries/ Dhabas

**Sample Size: 50** (respondents were pooled in across Delhi-NCR)

**Instrument:** Semi-structured questionnaire with open-ended response

**Data collection:** in-depth interview

**Analysis:** descriptive (open ended response were further coded and analyzed) along with qualitative observations.

**Descriptive Analysis: Descriptive Analysis:** Table A4.4.2.1, A4.4.1.2 and A4.4.1.3 give the summary of responses for the questionnaire to the Eateries/ Dhabas

**Table A4.4.2.1**

|                                                                    | Min.  | Max.   | Mean       | N  |
|--------------------------------------------------------------------|-------|--------|------------|----|
| <b>Age (in years)</b>                                              | 19    | 70     | 33         | 50 |
| <b>Income per month</b>                                            | 10000 | 450000 | 15600<br>0 | 50 |
| <b>How long you have been working in this location? (in Years)</b> | 1     | 30     | 8.5        | 50 |
| <b>How many persons are working in your unit?</b>                  | 2     | 10     | 4          | 50 |

**Table A4.4.2.2**

|          |                                                                                                           |                           |                     |              |  |
|----------|-----------------------------------------------------------------------------------------------------------|---------------------------|---------------------|--------------|--|
| <b>1</b> | <b>Is it a sole-proprietorship or in a partnership? Or a family business?</b>                             | Sole-proprietorship (82%) | Partnership (7%)    | Family (11%) |  |
| <b>2</b> | <b>Do you own the place of your unit or is it rented one?</b>                                             | Rented (74%)              | Owned 26%           |              |  |
| <b>3</b> | <b>How do you pay your rent (cash or in other modes of payment viz. cheque, mobile wallet, UPI etc.)?</b> | Cash (67%)                | Cash & Cheque (33%) |              |  |
| <b>4</b> | <b>Do you get the receipt for rent payment?</b>                                                           | Yes (34%)                 | No (66%)            |              |  |
| <b>5</b> | <b>Are you authorised to do the economic activity by any government agency?</b>                           | Yes (30%)                 | No (70%)            |              |  |
| <b>6</b> | <b>Do the workers in your unit, belong to your family?</b>                                                | Yes (55%)                 | No (44%)            |              |  |
| <b>7</b> | <b>Do you pay to your workers in cash or in any other mode?</b>                                           | Other Modes (26%)         | Cash (74%)          |              |  |

Table A4.4.2.1

|   |                                                                                                                                       |                            |                                      |  |  |
|---|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|--|--|
| 8 | <b>Do you have bank account in the name of your business? Is it saving bank account or current account? Or is it a joint account?</b> | Only Saving Bank A/C (78%) | Both Current & Saving Bank A/C (22%) |  |  |
| 9 | <b>Are you registered under any forum/group/association etc.?</b>                                                                     | Yes (0)                    | No (100%)                            |  |  |

|    |                                                                                                                                                     |                            |                                                    |  |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------|--|
| 10 | <b>Do you use your personal mobile for your business?</b>                                                                                           | Yes (85%)                  | Personal as well as separate mobile for shop (15%) |  |
| 11 | <b>Do you use any electronic means viz. mobile wallets (PayTm), UPI (Bhim, PhonePe) etc. to receive and make payments for business transaction?</b> | Any electronic payment 82% | NO (18%)                                           |  |
| 12 | <b>Is the electricity meter installed at your business unit?</b>                                                                                    | Yes (82%)                  | No (18%)                                           |  |
| 13 | <b>Is the water meter installed at your business unit?</b>                                                                                          | Yes (52%)                  | No (48%)                                           |  |
| 14 | <b>Are you familiar with any government schemes to improve your business?</b>                                                                       | Yes (30%)                  | No (70%)                                           |  |
| 15 | <b>Have you ever availed benefits under any government schemes?</b>                                                                                 | Yes (0)                    | No (100%)                                          |  |
| 16 | <b>Have you ever taken loan? If yes, from where (Bank, money lender, family, friends, micro-finance, private organisation, or any other)?</b>       | Yes (20%) from Bank        | No (80%)                                           |  |
| 17 | <b>Do you maintain any record(s) for your business?</b>                                                                                             | Yes (22%)                  | No (78%)                                           |  |
| 18 | <b>Do you get and give invoices for your business transactions?</b>                                                                                 | Yes (22)                   | No (78%)                                           |  |
| 19 | <b>Do you raise Pucca or Kaccha bill?</b>                                                                                                           | Both as per consumer (40%) | None (60%)                                         |  |
| 20 | <b>Do you have enough demand for your product or services in your vicinity? Is it regular or seasonal?</b>                                          | Not much (0)               | Sufficient (100%)                                  |  |
| 21 | <b>Are you looking for any other markets for your product or services?</b>                                                                          | Yes (22%)                  | No (78%)                                           |  |
| 22 | <b>Did you ever pay bribe to anyone to enter in the market? If yes, to whom?</b>                                                                    | Yes (18%)                  | No (82%)                                           |  |
| 23 | <b>Do you pay any bribe to anyone to operate in the market? If yes, to whom?</b>                                                                    | NA (18%)                   | No ( 82%)                                          |  |
| 24 | <b>Have you received any formal training for your business?</b>                                                                                     | Yes (16%)                  | No (84%)                                           |  |



|    |                                                  |                         |         |  |
|----|--------------------------------------------------|-------------------------|---------|--|
| 25 | Have you acquired your skill informally?<br>How? | Yes (70%)other<br>shops | No(30%) |  |
|----|--------------------------------------------------|-------------------------|---------|--|

### Qualitative Observations (As expressed by respondents)

Income has been low since last two years. In the last 3 months, business is 50% down. They are also offering discounts to get more business on regular basis to our regular customers however, during festivals, marriage season business goes up with advance bookings for parties etc. Majority of the eateries are sole-proprietorship and are 1-30 years old. Most of the shops/dhabas are more than 5 years old.

- Most of the dhabas are rented and few are owned ones.; have to pay rent and other expenses. However, many are also rented to third party. In most of the cases, transaction is done in cash but only in some case rent receipt is given otherwise no receipts.
- No registration done to start this business. Hyper local competition is another major characteristic Many of us in our small stalls are selling cha, coffee ,snacks, pakoras, samosas and kachoris along with the mini meal items as per the demand of the customers. Though the big dhaba owners, i.e. whose business is running good (which shows in their high monthly income) have done their registration under GST. We use saving accounts for business and accept cash or any other mode of payment including paytm.
- To get more money most of us are using our own family members as workers but in some case specially during parties, birthday anniversaries, marriages etc we utilize extra workers apart from our regular workers and we pay them cash during the season or party/ bulk orders deliveries.
- We use Personal as well as separate mobile for taking food order for improving clients experience and relations. We have even tied up with zomato, Swiggy for delivery but we take extra charges for packing the food. We sometimes offer discounts also. we also have created Whatsapp groups for the regular customers for their convenience. Most of the times we take cash payment only. We have learnt cooking etc. by working in other dhabas and eateries. We maintain quality and offer hot and fresh food to our clients, But, we have to oblige some people including cops by offering them free food etc. along with the cash.

#### A4.4.3 Sub-sector: Automobile repair shops/Garages

**Sample Size:** 50 (respondents were pooled in across Delhi-NCR)

**Instrument:** Semi-structured questionnaire with open-ended response

**Data collection:** in-depth interview

**Analysis:** descriptive (open ended response were further coded and analysed) along with qualitative observations.

**Descriptive Analysis: Descriptive Analysis: Descriptive Analysis:** Table A4.4.3.1, A4.4.3.2 and A4.4.3.3 give the summary of responses for the questionnaire to the Automobile repair shops/Garages

**Table A4.4.3.1**

|                                                             | Min.  | Max.  | Mean  | N  |
|-------------------------------------------------------------|-------|-------|-------|----|
| Age (in years)                                              | 22    | 52    | 38    | 50 |
| Income per month                                            | 15000 | 50000 | 24000 | 50 |
| How long you have been working in this location? (in Years) | 2     | 30    | 15    | 50 |
| How many persons are working in your unit?                  | 1     | 8     | 4     | 50 |

**Table A4.4.3.2**

|   |                                                                                                                                |                            |                                      |             |           |
|---|--------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|-------------|-----------|
| 1 | Is it a sole-proprietorship or in a partnership? Or a family business?                                                         | Sole-proprietorship (86%)  | Partnership (14%)                    |             |           |
| 2 | Do you own the place of your unit or is it rented one?                                                                         | Rented (100%)              | Owned (0)                            |             |           |
| 3 | How do you pay your rent (cash or in other modes of payment viz. cheque, mobile wallet, UPI etc.)?                             | Cash (68%)                 | Cash & Cheque (22%)                  | Cheque (6%) | Card (4%) |
| 4 | Do you get the receipt for rent payment?                                                                                       | Yes (16%)                  | No (84%)                             |             |           |
| 5 | Are you authorised to do the economic activity by any government agency?                                                       | Yes (36%) GST              | No (64%)                             |             |           |
| 6 | Do the workers in your unit, belong to your family?                                                                            | Yes (24%)                  | No (76%)                             |             |           |
| 7 | Do you pay to your workers in cash or in any other mode?                                                                       | NA (24%)                   | Cash (76%)                           |             |           |
| 8 | Do you have bank account in the name of your business? Is it saving bank account or current account? Or is it a joint account? | Only Saving Bank A/C (56%) | Both Current & Saving Bank A/C (44%) |             |           |
| 9 | Are you registered under any forum/group/association etc.?                                                                     | Yes (0)                    | No (100%)                            |             |           |

|    |                                                                                                                                              |                     |                                                    |                              |
|----|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------|------------------------------|
| 10 | Do you use your personal mobile for your business?                                                                                           | Yes (68%)           | Personal as well as separate mobile for shop (32%) |                              |
| 11 | Do you use any electronic means viz. mobile wallets (PayTm), UPI (Bhim, PhonePe) etc. to receive and make payments for business transaction? | Only PayTm (26%)    | Any electronic payment (74%)                       |                              |
| 12 | Is the electricity meter installed at your business unit?                                                                                    | Yes (92%)           | No (8%)                                            |                              |
| 13 | Is the water meter installed at your business unit?                                                                                          | Yes (0)             | No (100%)                                          |                              |
| 14 | Are you familiar with any government schemes to improve your business?                                                                       | Yes (92%)           | No (8%)                                            |                              |
| 15 | Have you ever availed benefits under any government schemes?                                                                                 | Yes (0)             | No (100%)                                          |                              |
| 16 | Have you ever taken loan? If yes, from where (Bank, money lender, family, friends, micro-finance, private organisation, or any other)?       | Yes (34%) from Bank | No (62%)                                           | Tried but could not get (4%) |
| 17 | Do you maintain any record(s) for your business?                                                                                             | Yes (70%)           | No (30%)                                           |                              |
| 18 | Do you get and give invoices for your business transactions?                                                                                 | Yes (24%)           | No (76%)                                           |                              |
| 19 | Do you raise Pucca or Kaccha bill?                                                                                                           | Pucca bill (16%)    | Kaccha bill (20%)                                  | Both (64%)                   |

|    |                                                                                                     |                                                   |                  |  |
|----|-----------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------|--|
| 20 | Do you have enough demand for your product or services in your vicinity? Is it regular or seasonal? | Not much (80%)                                    | Sufficient (20%) |  |
| 21 | Are you looking for any other markets for your product or services?                                 | Yes (24%)                                         | No (76%)         |  |
| 22 | Did you ever pay bribe to anyone to enter in the market? If yes, to whom?                           | Yes (0)                                           | No (100%)        |  |
| 23 | Do you pay any bribe to anyone to operate in the market? If yes, to whom?                           | NA (100%)                                         |                  |  |
| 24 | Have you received any formal training for your business?                                            | Yes (26%)                                         | No (74%)         |  |
| 25 | Have you acquired your skill informally? How?                                                       | Yes (92%) by working in other repair shop/garages | No (8%)          |  |

### Qualitative Observations (As expressed by respondents)

- Income has been low since last two-three years. In the last six months, business is 50% down. As of now, there is not much work. Workers are being paid from the savings. In the value chain, even big automobile companies are struggling, their business is down and even firing their workers, which in turn, is affecting us. The said unemployed workers will soon start the work what we are doing, hence will affect our income.
- Majority of the shops are sole-proprietorship and are 15-20 years old. Most of the shops are more than 10 years old.
- Most shops are on Govt. land, owned by local panchayat. Many shops are rented to third party which means panchayat gives shop to person A on rent which is subsequently given to the person B who is the present shop owner running the shop. In most of the cases, transaction between parties viz. panchayat, person A and person B i.e. the shop owner, is done in cash. It is also possible that only person A is getting rent receipt from the panchayat, as reported by majority of respondents.
- No registration is required to start this business. Any one can start it anywhere. Though the big shop owners, i.e. whose business is running good (which shows in their high monthly income) have done their registration under GST.
- What matters most for us is money. So, to get money as per convenience of customers, most of us are using digital payments, especially PayTm and BHIM. It is about giving more choices to customers, so that customers should not go away due to payment issue.
- Shops are scattered all over. There is no unity among the shop keepers. Due to this, there is no association or union. Though most respondents feel that there should be an association which can decide work schedule i.e. Sunday or any other day should be observed as off day and which can talk good for our benefits.
- No one from Govt. has ever visited our shops; we don't know about any Govt. schemes. We will be happy if someone comes to us and tell some schemes to enhance our business. We are eagerly waiting for such schemes.
- Most of respondents are migrants. Though they are in their respective work place from many years, still many of them do not possess necessary Govt. documents viz. address proof to avail loan facility. so, they are not able to get loan. Another reason for refusal of loan by banks is poor bank balance (accessed via past statements).
- Very few had any formal training. Most of them have worked for few years in the shop, learnt techniques of work and then after few years started their own shop. So, training happens in an informal way, in some shop for 4-5 years or more.

#### A4.4.4 Sub-sector: Beauty Salons

**Sample Size:** 100 (respondents were pooled in across Delhi-NCR)

**Instrument:** Semi-structured questionnaire with open-ended response

**Data collection:** in-depth interview

**Analysis:** descriptive (open ended response were further coded and analysed) along with qualitative observations.

**Descriptive Analysis:** Table A4.4.4.1, A4.4.4.2 and A4.4.4.3 give the summary of responses for the questionnaire to the Beauty Salons

**Table A4.4.4.1**

|                                                                    | Min.  | Max.  | Mean  | N   |
|--------------------------------------------------------------------|-------|-------|-------|-----|
| <b>Age (in years)</b>                                              | 22    | 52    | 38    | 100 |
| <b>Income per month</b>                                            | 10000 | 35000 | 24000 | 100 |
| <b>How long you have been working in this location? (in Years)</b> | 2     | 30    | 15    | 100 |
| <b>How many persons are working in your unit?</b>                  | 1     | 8     | 4     | 100 |

**Table A4.4.4.2**

|          |                                                                                                                                       |                            |                                      |              |             |
|----------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------|--------------|-------------|
| <b>1</b> | <b>Is it a sole-proprietorship or in a partnership? Or a family business?</b>                                                         | Sole-proprietorship (68%)  | Partnership (7%)                     | Family (25%) |             |
| <b>2</b> | <b>Do you own the place of your unit or is it rented one?</b>                                                                         | Rented (44%)               | Owned 56%                            |              |             |
| <b>3</b> | <b>How do you pay your rent (cash or in other modes of payment viz. cheque, mobile wallet, UPI etc.)?</b>                             | Cash (36%)                 | Cash & Cheque (1%)                   | Cheque (4%)  | Owned (59%) |
| <b>4</b> | <b>Do you get the receipt for rent payment?</b>                                                                                       | Yes (7%)                   | No (93%)                             |              |             |
| <b>5</b> | <b>Are you authorised to do the economic activity by any government agency?</b>                                                       | Yes (33%)                  | No (67%)                             |              |             |
| <b>6</b> | <b>Do the workers in your unit, belong to your family?</b>                                                                            | Yes (32%)                  | No (68%)                             |              |             |
| <b>7</b> | <b>Do you pay to your workers in cash or in any other mode?</b>                                                                       | Other Modes(17%)           | Cash (83%)                           |              |             |
| <b>8</b> | <b>Do you have bank account in the name of your business? Is it saving bank account or current account? Or is it a joint account?</b> | Only Saving Bank A/C (47%) | Both Current & Saving Bank A/C (53%) |              |             |
| <b>9</b> | <b>Are you registered under any forum/group/association etc.?</b>                                                                     | Yes (0)                    | No (100%)                            |              |             |

**Table A4.4.4.3**

|           |                                                                                                                                                     |                              |                                                    |  |  |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------|--|--|
| <b>10</b> | <b>Do you use your personal mobile for your business?</b>                                                                                           | Yes (10%)                    | Personal as well as separate mobile for shop (90%) |  |  |
| <b>11</b> | <b>Do you use any electronic means viz. mobile wallets (PayTm), UPI (Bhim, PhonePe) etc. to receive and make payments for business transaction?</b> | Any electronic payment(222%) | NO (68%)                                           |  |  |
| <b>12</b> | <b>Is the electricity meter installed at your business unit?</b>                                                                                    | Yes (96%)                    | No (4%)                                            |  |  |
| <b>13</b> | <b>Is the water meter installed at your business unit?</b>                                                                                          | Yes (58%)                    | No (42%)                                           |  |  |

|    |                                                                                                                                        |                                             |                   |                 |                 |
|----|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------|-----------------|-----------------|
| 14 | Are you familiar with any government schemes to improve your business?                                                                 | Yes (8%)                                    | No (92%)          |                 |                 |
| 15 | Have you ever availed benefits under any government schemes?                                                                           | Yes (0)                                     | No (100%)         |                 |                 |
| 16 | Have you ever taken loan? If yes, from where (Bank, money lender, family, friends, micro-finance, private organisation, or any other)? | Yes (14%) from Bank                         | No (86%)          |                 |                 |
| 17 | Do you maintain any record(s) for your business?                                                                                       | Yes (83%)                                   | No (17%)          |                 |                 |
| 18 | Do you get and give invoices for your business transactions?                                                                           | Yes (8%)                                    | No (90%)          | No response(2%) |                 |
| 19 | Do you raise Pucca or Kaccha bill?                                                                                                     | Pucca bill (1%)                             | Kaccha bill (71%) | None(26)%       | No response(2%) |
| 20 | Do you have enough demand for your product or services in your vicinity? Is it regular or seasonal?                                    | Not much (2%)                               | Sufficient (98%)  |                 |                 |
| 21 | Are you looking for any other markets for your product or services?                                                                    | Yes (66%)                                   | No (34%)          |                 |                 |
| 22 | Did you ever pay bribe to anyone to enter in the market? If yes, to whom?                                                              | Yes (5%)                                    | No (95%)          |                 |                 |
| 23 | Do you pay any bribe to anyone to operate in the market? If yes, to whom?                                                              | NA (4%)                                     | No( 95%)          | No response(1%) |                 |
| 24 | Have you received any formal training for your business?                                                                               | Yes (58%)                                   | No (40%)          | No response 2%  |                 |
| 25 | Have you acquired your skill informally? How?                                                                                          | Yes (45%) by working in other Salons /shops | No(52%)           | No response 3%  |                 |

### Qualitative Observations (As expressed by respondents)

- Income has been low since last two-three years. In the last six months, business is 50% down. As of now, there is not much work. we are also offering discounts to get more business on regular basis however, during festivals, marriage season business goes up with advance bookings for facials, mehndi grooming etc. and we don't have time to take more business so at times we have to say no to clients.
- Majority of the Beauty Salons are sole-proprietorship and are 10-15 years old. Most of the shops are more than 5 years old.
- Beauty Salons are owned by us so don't have to pay rent. However, many Salon Shops are also rented to third party which means giving shop to person A on rent which is subsequently given to the person B who is the present shop owner running the shop. In most of the cases, transaction between parties is done in cash.
- No registration is required to start this business. Anyone can start it anywhere. Though the big Beauty Salon owners, i.e. whose business is running good (which shows in their high monthly income) have done their registration under GST.
- To get more money most of us are using our own family members as workers but in some case specially during parties, birthday anniversaries, marriages etc we utilize extra workers apart from our regular workers from other units and we pay them cash per client per job basis.
- No registration is required to start this business. Anyone can start it anywhere. Though the big shop owners, i.e. whose business is running good (which shows in their high monthly income) have done their registration under GST.

- What matters most for us is money. we use Personal as well as separate mobile for booking the client for services. we have even created Whatsapp groups for the client's convenience. Most of the times we take cash payment only.
- Many of us are trying to learn and use digital payments, especially PayTm and BHIM now for giving more choices to customers and enhancing customer service experience. But we usually prefer to take cash for our services from our customers and for which there is no bill given.
- Beauty Salons are scattered all over and there is no unity among the salon owners. Due to this, there is no association or union which can take initiative for our welfare and growth.
- No one from Govt. has ever visited our salons; we don't know about any Govt. schemes. We will be happy if someone comes to us and tell some schemes to enhance our business. We are eagerly waiting for such schemes.
- Most of respondents are migrants. Though they are in their respective work place from many years, still many of them do not possess necessary Govt. documents viz. address proof to avail loan facility. so, they are not able to get loan. Another reason for refusal of loan by banks is poor bank balance (accessed via past statements).
- Very few get any formal training and that also by doing job in a salon. Most of them have worked for few years in the salons, learnt techniques of facial and grooming work and then after few years started their own Salon. So, training happens in an informal way, in some Salons for 2-3 years or more.

#### **A4.4.5 Sub-sector: Construction and Fabricated Construction Material**

**Sample Size:** 50 (Respondents were from Faridabad (Ankhir, Badkhal and Kheri Pul, Sector 28, Nahar par areas, and Sector Noida). In Ankhir, Badkhal areas majority of entrepreneurs are in the business of fabrication of steel and stain steel items and belongs to minority community. In other areas entrepreneurs are more in construction materials.

**Instrument:** Semi-structured questionnaire with open-ended response

**Data collection:** In-depth interview

#### **Analysis:**

Data is subjected to descriptive statistics only. Open ended responses were first coded then analyzed. Results were further reaffirmed with qualitative observations.

#### **Population Demographics**

Target population consists of entrepreneurs who are doing business of selling of Bricks, Cement, Dust, Sand, Stone, Rodi, Steel items (gates, windows, grill etc.). These entrepreneurs are not serving bulk buyers. Their customers are mainly consisting of home owners who are either expanding their houses in the form of additional one room, additional one bathroom and toilets, and doing some major or minor repairs. Majority of entrepreneurs are men. The entrepreneurs who are in the business of fabricator employ skilled labor in addition to their own family member. Maximum size is 4 to 5. Majority of them are from minority community. Women are not involved in the business.

In case of other categories of material, they do not hire the people as employees but pay them per unit of the work. Example: all of them will have business relation with two to three rikshawala's and pay them on the basis of per visit of their riksha to the site depending upon the distance. Usually they serve customers in small periphery which is maximum 2 to 3 kilometer in radius. These rikshawala's usually carry 9 square feet material. For bigger orders they have tie up with auto (three wheeler) owners. In some cases, freight charges are passed on to the buyer. They keep their material open space for better visibility. Most of them have their sign board with details of two to three phone numbers. For repeat customers they take orders on phone and rikshawala collects money from customer at the time of delivery. In all cases, it is cash on delivery. If customer insists or delays payment they agreed to receive by Paytm. Further to it these businesses mainly near the villages which have become part of big cities. Some of them are rich and do good business.

### Descriptive Analysis:

Table A4.4.5.1, A4.4.5.2 and A4.4.5.3 give the summary of responses for the questionnaire to the Construction and Fabricated Construction Material

**Table A4.4.5.1**

|                                                                    | Min.                                                           | Max.   | Mean  | N  |
|--------------------------------------------------------------------|----------------------------------------------------------------|--------|-------|----|
| <b>Age (in years)</b>                                              | 26                                                             | 60     | 406   | 50 |
| <b>Income per month</b>                                            | 5000                                                           | 100000 | 30000 | 50 |
| <b>How long you have been working in this location? (in Years)</b> | 4                                                              | 20     | 15    | 50 |
| <b>How many persons are working in your unit?</b>                  | 2                                                              | 7      | 4     | 50 |
| <b>Challenges faced by the entrepreneurs</b>                       | The compiled challenges are written in the following paragraph |        |       |    |
| <b>Membership of any industry association</b>                      | No                                                             | Yes    |       |    |
|                                                                    | 100 %                                                          | 0%     |       |    |

### GST

Majority of them have no GST registration. Only two were having GST number. One out of two had GST registration after keeping it for a year approximately. The cited following two reasons one directly and another indirectly.

- (i) None of their customer is ready to pay separately. They will not buy if it is communicated to them that bill include GST. Customers insist that they do not need bill, therefore, reduce the price by excluding GST.
- (ii) There is fear that it may invite unnecessarily tax burden in future which is totally inflexible in nature.

In addition, entrepreneurs are not educated by any agency about the pro cons of paying or not paying GST. They are not in favor of paying any tax to the government. During further probe, it was revealed by them that they can pay onetime token fee during the year. It varies between Rs 500 to Rs 1000. The fee can be fixed on the basis of turn over their business or by following and other method.

### The major challenges

The major challenges for these informal entrepreneurs are (i) delays in the payments (it is reported that part business run on credit on both sides – supply side and demand side, (ii) fear of continuance (some of these entrepreneurs are keeping their materials on public lands-government agencies may ask them to close business), (iii) shortage of funds for better bargain to acquire raw material, (iv) manpower (they cannot afford to keep employees on salary basis. Most of their workers are paid for work- for example if employee (here rikshawala) may not turn up on a given day. There is no way they can solve it). Their business is dependent on logistics. It is more in case of dust, cement, bricks etc. in comparison to the business of steel doors and windows etc.

### Member of Associations

They are not the member of any formal associations. However, at local level they do have informal associations. These associations help them not to go for too much discounts to the customers and help each in case they have more order in comparison to their capacity. In addition, these associations help them sourcing materials for their business. Sometime, these associations help them in sharing transport & manpower resources also.



Table A4.4.5.2: Information on operations, training, challenges etc.

|   |                                                                                                                                |                            |                     |                      |                             |                  |
|---|--------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|----------------------|-----------------------------|------------------|
| 1 | Is it a sole-proprietorship or in a partnership? Or a family business?                                                         | Sole-proprietorship (95%)  | Partnership (5%)    | Family Business      | Others                      |                  |
| 2 | Do you own the place of your unit or is it rented one?                                                                         | Rented (60%)               | Own Place (30%)     | Public Place (5%)    | Others (private place) (5%) |                  |
| 3 | How do you pay your rent (cash or in other modes of payment viz. cheque, mobile wallet, UPI etc.)?                             | Cash (83%)                 | Cheque (8%)         | Mobile Wallet (4%)   | UPI (4%)                    | Other Modes (1%) |
| 4 | Do you get the receipt for rent payment?                                                                                       | Yes (5%)                   | No (85%)            | Not Applicable (10%) |                             |                  |
| 5 | Are you authorized to do the economic activity by any government agency?                                                       | Yes (5%)                   | No (90%)            | Cannot Say (5%)      |                             |                  |
| 6 | Do the workers in your unit, belong to your family?                                                                            | Yes (20%)                  | No (80%)            |                      |                             |                  |
| 7 | Do you pay to your workers in cash or in any other mode?                                                                       | Cash (70%)                 | Cheque (10%)        | Mobile Wallet (10%)  | UPI (10%)                   | Others           |
| 8 | Do you have bank account in the name of your business? Is it saving bank account or current account? Or is it a joint account? | Single Name (S/B A/c (90%) | Joint S/B A/c (10%) | Current A/c (0%)     | Current Account Joint (0%)  |                  |
| 9 | Are you registered under any forum/group/association etc.?                                                                     | Yes <sup>235</sup> (25%)   | No (75%)            | Cannot Say           |                             |                  |

## A4.4.5.3

|    |                                                                                                                                              |             |                                                    |                              |             |            |
|----|----------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------|------------------------------|-------------|------------|
| 10 | Do you use your personal mobile for your business?                                                                                           | Yes (90%)   | Personal as well as separate mobile for shop (10%) | No(0%)                       |             |            |
| 11 | Do you use any electronic means viz. mobile wallets (PayTm), UPI (Bhim, PhonePe) etc. to receive and make payments for business transaction? | PayTm (30%) | Bhim (25%)                                         | Phone Pe (5%)                | Other (30%) | None (10%) |
| 12 | Is the electricity meter installed at your business unit?                                                                                    | Yes (95%)   | No (5%)                                            |                              |             |            |
| 13 | Is the water meter installed at your business unit?                                                                                          | Yes (4%)    | No (96%)                                           |                              |             |            |
| 14 | Are you familiar with any government schemes to improve your business?                                                                       | Yes (50%)   | No (50%)                                           |                              |             |            |
| 15 | Have you ever availed benefits under any government schemes?                                                                                 | Yes (0%)    | No (100%)                                          |                              |             |            |
| 16 | Have you ever taken loan? If yes, from where (Bank, money lender, family, friends, micro-finance, private organization, or any other)?       | Yes (84%)   | No (12%)                                           | Tried but could not get (4%) |             |            |

<sup>235</sup> Totally informal group to help each other. We exchange raw material or work if needed.



#### A4.4.5.3

|    | If yes Please specify                                                                               | Bank (20%)                                                                    | Money lender (30%)             | Micro Finance (0%)     | Family (30%)             | Friends (15%) | Private Agency (5%) |
|----|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------|------------------------|--------------------------|---------------|---------------------|
| 17 | Do you maintain any record(s) for your business?                                                    |                                                                               | Yes (70%)                      | No (30%)               |                          |               |                     |
| 18 | Do you get and give invoices for your business transactions?                                        |                                                                               | Yes (30%)                      | No (70%)               |                          |               |                     |
| 19 | Do you raise Pucca or Kaccha bill?                                                                  |                                                                               | Pucca bill (10%)               | Kaccha bill (90%)      | Both (5%)                |               |                     |
| 20 | Do you have smartphone?                                                                             |                                                                               | Yes (95%)                      | No (5%)                |                          |               |                     |
| 21 | Do you have computers?                                                                              |                                                                               | Yes (40%)                      | No (60%)               |                          |               |                     |
| 22 | Do you own two wheeler?                                                                             |                                                                               | Yes (95%)                      | No (5%)                |                          |               |                     |
| 23 | Do you have enough demand for your product or services in your vicinity? Is it regular or seasonal? |                                                                               | Yes (55%)                      | No (45%)               |                          |               |                     |
|    | Is it regular or seasonal?                                                                          |                                                                               | Regular (35%)                  | Seasonal (65%)         |                          |               |                     |
| 24 | Are you looking for any other markets for your product or services?                                 |                                                                               | Yes (50%)                      | No (50%)               |                          |               |                     |
| 25 | Did you ever pay bribe to anyone to enter in the market?                                            |                                                                               | Yes (10%)                      | No (90%)               |                          |               |                     |
|    | If yes, to whom?                                                                                    | Local government or people who help them in solving legal and other disputes. |                                |                        |                          |               |                     |
| 26 | Do you pay any bribe to anyone to operate in the market?                                            |                                                                               | NA (90%)                       | Yes (10%)              |                          |               |                     |
|    | If yes, to whom?                                                                                    | Local government or people who help them in solving legal and other disputes  |                                |                        |                          |               |                     |
| 27 | Have you received any formal training for your business?                                            |                                                                               | Yes (40%)                      | No (60%)               |                          |               |                     |
|    | Please specify agency from where you got training?                                                  | Learning while working on similar job with experienced workers.               |                                |                        |                          |               |                     |
| 28 | Have you acquired your skill informally? How?                                                       |                                                                               | Yes (80%)                      | No (20%)               |                          |               |                     |
|    | How?                                                                                                | Learning while working on similar job with experienced workers.               |                                |                        |                          |               |                     |
| 29 | Challenges faced by you for accessing required capital for capital expenses.                        |                                                                               | Lack of formal documents (50%) | No Challenge (25%)     | Lock of collateral (20%) |               | Any others (5%)     |
| 30 | Challenges faced by you for maintaining the required operating expenses.                            |                                                                               | Lack of documents (50%)        | Delay in receipt (50%) | Both (100%)              |               |                     |

#### Qualitative Observations (As expressed by respondents)

#### Employment Generated & Transactions with employees

As it is evident from the data given in the tables, the average number of workers employed by these small business units is 4. The number varies from 2 to 7. In many cases the workers are family members. The workers are being paid in case. The payment of salary is not done in one go. It is in many installments. In many cases workers cannot wait for a month to get salary because they do not have saving to meet their month requirements and sometimes owner had cash problems.

### **Availability of electronic equipment's**

Almost all entrepreneurs have smart phones. About 40% entrepreneurs have computer/laptops. Business communications is mainly done with smartphones. Smartphones are also used for small financial transaction but not so frequently. They do not use computers for any business purpose.

### **Power & water Connections**

All of them have water connection. Meters are installed in the name of the owner if they work in the rented building. If is their own place the meters are installed in their name. In few cases they take one bulb or fan connections from neighbor's shop or residence. Only few (4%) have water connections. Their working places are small. It is difficult to create water outlets also to have washroom etc. Many of them uses drinking water from suppliers of mineral water.

### **Type of units & Locations**

The informal business units are owned either by single person or jointly by other family members or peers. However, there is no legal document for certifying the type of units. These business units are set up by entrepreneurs on their own land. In some cases, specifically steel workshops of doors and windows are in rented shops. In many cases, the material is stored in open spaces / lands. These lands may be public land in the markets, government lands or may be private lands. During summers on a windy day dust and other constriction material create problems for residents. But still they manage it with the help of local administration or local leaders. The rent is mainly paid in cash. In many cases payments are done using electronic means but not as a rent transaction. For open spaces they do not pay any rent.

### **Informal Sector entrepreneurs and Government Initiative's**

About 50% of them are aware of government schemes for SMEs but they are not ready to be part of formal sector. They do not want to be in the net of GST. They have never paid tax in their life and do not want to pay in future also. When communicated about subsidies they appreciate it and want to avail but reluctant to be part of tax net. They prefer to take loans from the market at a higher interest rate. They say it is instant and did not require paper or going here and there. They pay interest on daily basis. In other cases, they take loan from friends, relatives, and family members. In many cases their businesses are supported by their families. There are money lenders in the market and some private agencies. They seek help from them also. Some of them enjoy long term relations with money lenders.

### **Maintenance of business records & issue of invoices**

They do not maintain as such any ledger of their business activities. It is always in the form of simple papers. None of them ready to give bill to its customers or even have bill books which can be accounted for. Their business is mainly on cash business on both sides, i.e., supplier's side and also customer's side.

### **Key Challenges of demand and markets**

It has been observed during survey that demand of their products and services are both regular as well as seasonal. It looks like that construction work is regular but the segment (repairs and small expansion of the existing constructions) they serve is not regular. The working couple prefer during the summer holidays when they are at home and also days are longer. As far as market is concerned many of them report that they look for new markets since many a times they do not get enough work orders or supply orders.

### **Key Challenges of Skills and Training**

The workers learn skill while working. They are hired either unskilled labor by these small business units or they are send by their parents to learn the work so that in future they can earn their needs. There is no other training is provided to them. When probed further, they mention the name of other business units where they have learned or acquired these skills. There is a need of providing them formal training so that their informally acquired skills become formal.

### **Key Challenges faced for Accessing the Capital**

Their businesses are not formal. They do not have document to be submitted for loans from banks or being part of different schemes of state and central government. This is the major challenge faced by entrepreneurs of informal sector. Secondly, they do not immovable property for the purpose of collateral. As evident from the data collected during survey many of them did not take it a challenges, they have enough resources to run their business at the present scale.

### **Key Challenges faced for maintaining operating expenses**

There two major challenges in maintaining operating expenses. First if need arise they cannot go for bank loans due to lack of documents of business units. These entrepreneurs have personal bank accounts but not in the name of business unit. Maximum they can go for personal loans. Secondly, many a times their payments from customers are delayed. To mention, the entrepreneurs who are doing business of providing equipment to support constructions (Phata Balli, Acrospans, U Jack, Adjustable Base Jack, Cuplock Standard, Decking Beams, etc.) follows a typical business model as explained below.

Many of these support materials are hired on per square foot basis. Typically, an advance is paid on the basis of size of the material and number of days. The charges are on per day basis. Assume support material is hired for 20 days but customers retain it for 50 days, no additional payment is done usually. Final payment is done once this material is returned to the provider/supplier. In this case this case his/her receipts are delayed for 30 days. Similar situation occurs in other cases also.

## **A4.5 Important highlights and conclusion**

Formalization of the informal economy is a complex issue, which requires innovative approaches and interventions at different levels. The existing published literature on successful formalization strategies, while growing, remains rather sparse, and many innovative initiatives are poorly documented. With the exception of a few very detailed case studies, research remains very descriptive and rarely provides the kind of details on formalization processes which policy makers and practitioners could use in the particular context of their own country. This research report - this chapter in particular - envisages the challenges faced by informal economy entrepreneurs, including gaps in terms of accessing government policies, formal/informal training, access to capital, markets, monitoring and role played by technology platforms (if any) etc. Through the

primary data collection in form of in depth interviews through the instrument of semi-structured questionnaire filled in by informal entrepreneurs in consideration – it was found that most of these entrepreneurs despite sufficient adoption and use of mobile phones are still relying on cash as a medium for financial transactions and not the government and private sector financial technology innovations<sup>236</sup>. Mobile driven digital financial inclusion is one of the most promising routes for formalization of informal enterprises and this is an untapped potential as per the primary data. Also, access to capital and market is another avenue wherein emerging platforms such as peer to peer lending platforms and business to business logistics platforms can add a lot of value. In many developing countries in the Asia-Pacific region the informal economy constitutes a substantial and important portion of the labour force. This demands an amalgamated effort of technology leaders, private sector and public sector for augmenting growth, prosperity and formalization of informal enterprises.

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<sup>236</sup> Agrawal, G., & Jain, P. (2019). Digital Financial Inclusion in India: A Review. In Behavioral Finance and Decision-Making Models (pp. 195-203). IGI Global.

