

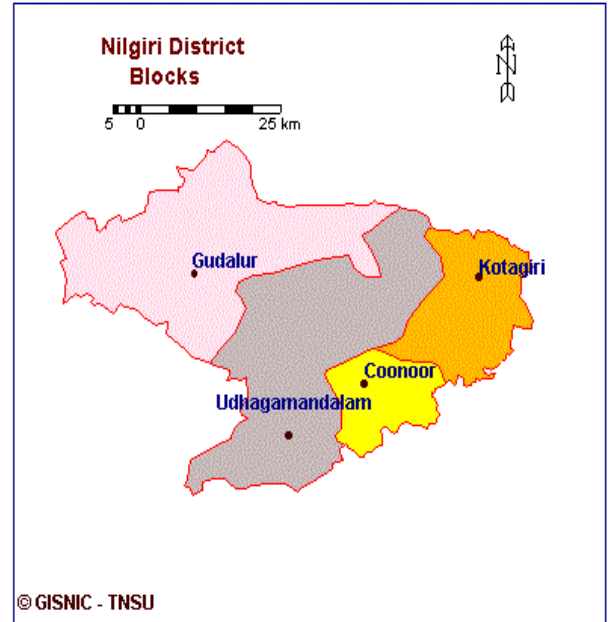
# INDUSTRIAL POSSIBILITIES IN NILGIRIS

## DISTRICT PROFILE

### 1. GENERAL PROFILE

The hilly district of Nilgiris is one of the smallest districts in Tamil Nadu. It is situated in the junction of the Western and Eastern ghats and popularly known as "**Queen of Hills**" and "**Blue Mountain**" and lies between 11.10 degree centigrade and 11.45 degree centigrade and the Northern longitude and 76.114 degree centigrade and 77.2 degree centigrade of Eastern latitude. The district boundaries are:

East: Erode District  
West: Kerala State  
North: Karnataka State  
South: Coimbatore District



### 2. BASIC CHARACTERISTICS

| Particulars                  | Nilgiris | Tamilnadu   | % Share in the state |
|------------------------------|----------|-------------|----------------------|
| Area (Sq. Kms)               | 2,543    | 1,30,058    | 1.95                 |
| Population (Lakh persons)    | 7,62,141 | 6,24,05,679 | 1.22                 |
| Forest (Hechs.)              | 1,43,351 | 22,86,444   | 6.7                  |
| Coastal Line (Kms.)          | Nil      | 1076        | -                    |
| Literates                    | 5,41,099 | 73.47 %     | X                    |
| % of Labour force            | 45.06    | 44.78 %     | X                    |
| Workforce dependent on Agri. | 12.51    | 49.56 %     | X                    |

### 3. a. AGRICULTURAL RESOURCES

#### Area under Cultivation of Food and Non -food crops in the Nilgiris District

|                          | Area<br>(in 000' Hec.) |
|--------------------------|------------------------|
| All Condiments & Spices  | 3,976                  |
| Total Fresh & Dry Fruits | 775                    |
| Total Vegetables         | 5,058                  |
| Total Food crops         | 11,737                 |
| Coffee                   | 8,445                  |
| Tea                      | 57,173                 |
| Drugs & Narcotics        | 65,673                 |
| Rubber                   | 95                     |
| Flowers                  | 11                     |
| Lemon Grass              | 6                      |
| Eucalyptus               | 752                    |
| Casuraina                | 117                    |

### b. HORTICULTURE RESOURCES

| S. No. | Crops        | Area in hect. | Production in MT | Productivity In kg/ hect. |
|--------|--------------|---------------|------------------|---------------------------|
| 1.     | Pepper       | 2,756         | 530              | 193                       |
| 2.     | Cloves       | 55            | 50               | 957                       |
| 3.     | Cardamom     | 1,299         | 120              | 93                        |
| 4.     | Ginger       | 540           | 15,450           | 28,618                    |
| 5.     | Garlic       | 73            | 400              | 5,489                     |
| 6.     | Turmeric     | 23            | 120              | 5,090                     |
| 7.     | Tapioca      | 78            | 2,700            | 34,654                    |
| 8.     | Potato       | 3,227         | 70,230           | 21,762                    |
| 9.     | Sweet potato | 9             | 110              | 12,123                    |
| 10.    | Tomato       | 1             | 10               | 11,934                    |
| 11.    | Mango        | 44            | 290              | 6,630                     |
| 12.    | Banana       | 227           | 9,090            | 40,053                    |
| 13.    | Lemon        | 55            | 100              | 1,876                     |
| 14.    | Orange       | 659           | 2,530            | 3,847                     |
| 15.    | Jackfruits   | 92            | 1,240            | 13,516                    |
| 16.    | Guava        | 299           | 1,680            | 5,622                     |
| 17.    | Cabbage      | 831           | 37,652           | 45,310                    |
| 18.    | Flowers      | 18            | -                | -                         |

#### 4. OTHER RESOURCES

| Particulars        | Nilgiris                                     | Tamilnadu           |
|--------------------|--|---------------------|
| Livestocks         |  |                     |
| Cattle             | 140842 Lakhs                                 | 118 Lakh nos.       |
| Milk Production    | 72.16 lakhs ltrs /                           | 48.99 lakh Ton/year |
| Poultry            | 64070 nos.                                   | 185.5 lakh nos.     |
| Minerals Available | Blue metal, Granite, sand, Limestone, Quartz |                     |

#### 5. INFRASTRUCTURE

| SI No. | Category             | Availability in the district   |
|--------|----------------------|--|
| 1.     | Availability of Land | Waste land available : 6,189 hectares.   |
| 2.     | SIDCO Estates        | 1 (Nilgiri)  |
| 3.     | Power Supply         | This district has enormous Hydel energy sources. There are 8 hydro power stations in this district, out of which 5 are generating power from the river Kundha and 2 on the river Pykara and 1 on the river Moyar.  |
| 4.     | Transport - Road     | The total length of road was 5096.7 Km. out of which surfaced roads 73.3% and unsurfaced road 26.7%. The State highways connect places like Coonoor, Jagadhala, Udhagamandalam, Cudalur, and Theppakadu. It is a link between Mettupalayam and Mysore between Gudalur and Calicut. The total length of surfaced roads was 3736.4 Kms out of which, bituminous roads are accounted for 44.8%, and water bound macadam constitute 54.85%. The cement concrete road is only 13.5 km |
|        | Railways             | The district is served by southern railway, a narrow gauge line between Mettupalayam and Udhagamandalam with a total length of 46 km.<br><br>Important stations like Adderly, Hillgrove, Punnymede, Kattery Road, Coonoor,   |

|    |                     |  |
|----|---------------------|--|
|    | Air<br>Water        | Wellington, Aravankadu, Ketty, Lovedale and Udhagamandalam.<br><br>This is a principal mode of transportation for passengers and tourist which serves as a vehicle for rapid tourism development in the district<br><br>Nil. Nearest Airport at Coimbatore<br>Nil. Nearest port at Chennai |
| 5. | Finance - Banks     | 21 Branches  |
| 6. | Technical Education | Adequate number of educational institutions available but technical educational institutions are very limited. There is one polytechnic and one industrial training institute in the district  |

## 6. INDUSTRIAL PROFILE

A. Large/medium scale units : 7

B. Small scale units (regd.) (as on 31-12-20002)

| No. of Units | Investment P & M | Employment | Density of Industry |
|--------------|------------------|------------|---------------------|
| 3526         | NA               | NA         | NA                  |

## C. INDUSTRIAL CLUSTERS

| S. No | Industry Groups | Place of Clusters      | No. of units |
|-------|-----------------|------------------------|--------------|
| 1     | Tea             | Ooty, Gudalur, Coonoor | 140          |
| 2     | Herbal products | Ooty, Coonoor          | 20           |
| 3     | Hotel           | Ooty, Coonoor          | 75           |

## 7. TOP 10 INDUSTRIES – SUITABLE FOR THE DISTRICT.

| SI No | Product      | Capacity (Per Year) | Indicative Invest-ment | Suitable Blocks                   |
|-------|--------------|---------------------|------------------------|-----------------------------------|
| 1.    | Floriculture | 2.5 hect.           | Rs. 1.5 crs.           | Coonoor, Ooty, Gudalur, Kothagiri |
| 2.    | Flavored Tea | 2 tonne day         | Rs. 50 lakh            | Coonoor, Ooty, Gudalur,           |

|     |                              |                |             |                                   |
|-----|------------------------------|----------------|-------------|-----------------------------------|
|     |                              |                |             | Kothagiri                         |
| 3   | De-dehydrated Vegetables     | 100 MT p.a.    | Rs. 50 lakh | Ooty                              |
| 4.  | Wooden furniture & Fixtures  | 500 nos.       | Rs. 6 lakh  | Coonoor, Ooty                     |
| 5.  | Eucalyptus Oil               | 50 MT p.a.     | Rs. 75 lakh | Coonoor, Ooty, Gudalur, Kothagiri |
| 6.  | Herbal products              | 400 M.T.       | Rs. 30 lakh | Coonoor, Ooty, Gudalur, Kothagiri |
| 7.  | Honey packaging & processing | 100 M.T. p.a.  | Rs. 6 lakh  | Coonoor, Ooty, Gudalur, Kothagiri |
| 8   | Mushroom processing          | 6000 kgs. p.a. | R.s 1 lakh  | Coonoor, Ooty, Kothagiri          |
| 9   | Hotel Industry               | 100 rooms      | Rs. 20 crs. | Ooty, Coonoor                     |
| 10. | Textiles, woolen Garments    | 7000 nos. p.a. | Rs. 3 lakh  | Coonoor, Ooty                     |

## 8. OTHER INDUSTRIES WHICH HAVE SCOPE IN NILGIRIS DISTRICT.

### I. Chemical & Chemical based industry:

1. Herbal Hair Oil
2. Cold Process
3. Detergent Powder and Cake
4. Fatty Acid
5. Mixed fertilizer
6. Bricks
7. Herbal Shampoo
8. Washing Soap
9. Woolen Trading
10. Paper, Reproduction Tracing Paper
11. Corrugated Paper Board
12. Agarbatti rolling and perfuming
13. Photo Frames
14. Science Equipments
15. Wooden Furniture
16. Detergents
17. Cleaning powder
18. White Phenyle
19. Wax Candles
20. Cement jallies and ventilators
21. Detergent cakes
22. Fibre Brushes
23. Grease
24. Paper cones
25. Paper cups and Saucers
26. Book Binding
27. Disposable Syringes
28. Distillation of National Essential Oil Bearing Plants
29. Hair Oil
30. Indigo

31. Laboratory Chemicals and Reagents
32. Liquid Detergent
33. Camphor tablets
34. Dichlorophenol
35. Bio-gas plants
36. Sandal wood oil
37. Toilet paper rolls and Sheets

38. Ayurvedic medicine
39. File covers, file boards and letter pads
40. Paints
41. Paper bags
42. Paper board cartons
43. Paper tubes
44. Paper Straps

## **II. Electrical and Electronic based industries:**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. DTP &amp; Graphic design centre</li> <li>2. Motor Rewinding</li> <li>3. Battery Tester</li> <li>4. Espresso coffee machine</li> <li>5. Food warmer trays</li> <li>6. Hot case</li> <li>7. Baking ovens</li> <li>8. P.V.C. cables</li> <li>9. Gekysers/storage water</li> <li>10. Electric immersion water</li> <li>11. Emergency lights</li> <li>12. Assembling of digital clocks</li> </ol> | <ol style="list-style-type: none"> <li>13. Assembling of audio cassettes</li> <li>14. Electric stove</li> <li>15. Electronic quartz analog</li> <li>16. Computer software centre for graphics</li> <li>17. Regulated power supplies</li> <li>18. Computer hardware service centre</li> <li>19. Electric kettles, boilers, coffee regulators</li> <li>20. T.V. Antenna</li> <li>21. Immersion heater</li> </ol> |
|--|--|

## **III. Food based industries:**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Mushroom cultivation</li> <li>2. Tomato products</li> <li>3. Flavoured milk and ghee</li> <li>4. Dehydrated vegetables</li> <li>5. Poha products</li> <li>6. Mango kernel oil</li> <li>7. Cattle feed</li> <li>8. Potato processing</li> <li>9. Oleoresins and spice oils</li> <li>10. Fruit juices, Nectares and Beverages</li> <li>11. Ginger and Garlic Processing</li> <li>12. Jams, jellies and marmalade</li> <li>13. Citrus oil and pectin</li> </ol> | <ol style="list-style-type: none"> <li>14. Bee keeping cum honey</li> <li>15. Biscuit mixture</li> <li>16. Coffee flavoured milk</li> <li>17. Papad</li> <li>18. Cold storage</li> <li>19. Confectionary</li> <li>20. Softy ice cream</li> <li>21. Caffeeine from tea waste</li> <li>22. Ground and processed spices</li> <li>23. Jackfruit products</li> <li>24. Pineapple processing</li> <li>25. Guar Gum</li> <li>26. Ice cream</li> </ol> |
|--|--|

## **IV. Glass and Ceramic based industries:**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Cement jalli</li> </ol> | <ol style="list-style-type: none"> <li>2. Bricks and Blocks</li> </ol> |
|---|--|

3. Scientific glass apparatus
4. Brick for building
5. Concrete jalli/pundi
6. Screen printing
7. Ophthalmic lens grinding
8. Picture/photo framing
9. Steel book racks

10. Salt glazed sewer pipes
11. Sanitary ware
12. Marble stone cutting and polishing
13. Cement hollow & solid blocks
14. Polished stone blocks

#### **V. Ready made Garments and Hosiery industries:**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. Cloth printing</li> <li>2. Cloth shop</li> <li>3. Garments</li> <li>4. Handkerchief</li> <li>5. Sanitary towels</li> <li>6. School uniforms</li> <li>7. Woollen garments</li> <li>8. Cotton mattresses and pillows</li> </ol> | <ol style="list-style-type: none"> <li>9. Knitted Woollen garments</li> <li>10. Ready made garments (Shirts)</li> <li>11. Ready made garments (Trousers)</li> <li>12. Surgical bandages</li> <li>13. Garment washing plant</li> </ol> |
|---|---|

#### **VI. Leather based industries:**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Leather briefcase</li> <li>2. Leather goods</li> <li>3. Leather purses and handbags</li> <li>4. Wrist watch straps leather</li> <li>5. Sports nets of all types</li> </ol> | <ol style="list-style-type: none"> <li>6. Leather garments</li> <li>7. School bags</li> <li>8. Sports shoes</li> <li>9. Fancy leather gloves</li> <li>10. Leather waist belts</li> </ol> |
|--|--|

#### **VII. Mechanical based industries:**

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Printing press</li> <li>2. Umbrella assembly</li> <li>3. M.S. Gate and grills</li> <li>4. Steel chairs</li> <li>5. Rolling shutters</li> <li>6. Sheet metal fabrication</li> </ol> | <ol style="list-style-type: none"> <li>7. Two wheeler servicing</li> <li>8. Wooden truck body building</li> <li>9. MS doors and windows</li> <li>10. Automobile service centre</li> <li>11. Implements</li> <li>12. Hardware shop</li> </ol> |
|--|--|

#### **VIII. Metallurgical based industry:**

1. Foundry

#### **IX. Plastic based industries:**

1. Rigid PVC pipes
2. Visiting card cases
3. PVC pipe fittings
4. Bottle caps
5. Plastic bottle caps

## **X. Rubber based industries:**

1. Surgical gloves
2. Tyres and tubes

## **XI. Service based industries:**

1. Starting hotel
2. Cement dealership
3. Equipment rental service
4. Exercise note books
5. Fruit juice vending
6. Magazines and novels shop
7. Photo studio
8. Public call office (PCO)
9. Refrigeration services
10. Retail tea shop
11. Silver extraction from used X-ray films
12. Photo frames
13. Paint brushes

## **XII. Essential Oils:**

| <b>Name of the oils</b> | <b>Purpose of Use</b>                               |
|-------------------------|---|
| Lemon grass oil         | Tea Oil for Gastric                                 |
| Geranium oil            | For fragrance purposes                              |
| Gaultheria oil          | For joint pains                                     |
| Camphor oil             | Chest pains and Asthma                              |
| Clove oil,              | Tooth ache  |
| Java Citronella oil     | For perfumes, soaps, agarbathies, insecticide, etc. |
| Almond oil              | Skin care oil                                       |
| Rosemary oil            | Used in food as spicy flavour                       |
| Thyme oil               | Used for antiseptic, antiviral, toothpaste etc.     |
| Lavender oil            | Soaps and cosmetic industry                         |
| Oliver oil              | Skin diseases, body massage.                        |