

ARASULASULA PF  
PUTAGADIA RF

Tree Enumeration for IRCON in Forest Area - Arasulasula & Putagadia

Abstract of Tree Enumeration Report of Arasulasula Protected Forest (8,526 Acr. = 0.213 Ha) & Putagadia Reserve Forest (8,526 Acr. = 1.503 Ha)

| Sl No. | Name of Tree | Scientific Name       | Girth 30-59 (in cm) |   | Girth 60-89 (in cm) |   | Girth 90-119 (in cm) |   | Girth 120-149 (in cm) |   | Measure of Tree |   | Grass Total |
|--------|--------------|-----------------------|---------------------|---|---------------------|---|----------------------|---|-----------------------|---|-----------------|---|-------------|
|        |              |                       | N                   | U | N                   | U | N                    | U | N                     | U | N               | U |             |
| 1      | Acacia       | Acacia Auriculiformis | 2                   | 0 | 0                   | 0 | 0                    | 0 | 0                     | 0 | 2               | 0 | 2           |
| 2      | Chuburnis    | Senna occidentalis    | 2                   | 1 | 0                   | 0 | 0                    | 0 | 0                     | 0 | 2               | 1 | 3           |
| 3      | Chira        |                       | 4                   | 0 | 0                   | 0 | 0                    | 0 | 0                     | 0 | 4               | 0 | 4           |
| 4      | Dhaura       | Anogeissus latifolia  | 0                   | 0 | 0                   | 0 | 0                    | 0 | 0                     | 0 | 0               | 0 | 0           |
| 5      | Eucalyptus   | Eucalyptus globulus   | 4                   | 1 | 2                   | 0 | 0                    | 0 | 0                     | 0 | 6               | 1 | 7           |
| 6      | Gohira       | Acacia pennata        | 0                   | 0 | 0                   | 0 | 0                    | 0 | 0                     | 0 | 0               | 0 | 0           |
| 7      | Jamu         | Strygium cumini       | 0                   | 0 | 0                   | 0 | 0                    | 0 | 0                     | 0 | 0               | 0 | 0           |
| 8      | Kendu        | Diospyros Melanoxylum | 0                   | 0 | 0                   | 0 | 0                    | 0 | 0                     | 0 | 0               | 0 | 0           |
| 9      | Mahula       | Madhuca Latifolia     | 2                   | 2 | 0                   | 0 | 0                    | 0 | 0                     | 0 | 2               | 2 | 4           |
| 10     | Rohini       | Albizia philippensis  | 0                   | 0 | 0                   | 0 | 0                    | 0 | 0                     | 0 | 0               | 0 | 0           |
| 11     | Teak         | Tectona grandis       | 0                   | 0 | 0                   | 0 | 0                    | 0 | 0                     | 0 | 0               | 0 | 0           |
| 12     | Terruli      | Tamarindus jujube     | 0                   | 0 | 0                   | 0 | 0                    | 0 | 0                     | 0 | 0               | 0 | 0           |
| TOTAL  |              |                       | 14                  | 4 | 2                   | 0 | 0                    | 0 | 0                     | 0 | 16              | 4 | 20          |

# NISHA PF

## Tree Enumeration for BCCM in Forest Area - Nisha

Abstract of Tree Enumeration Report of Nisha Protected Forest (69.5 Acr. = 28.126 Ha) (Over 5 Sample Plots) Of 2 Ha. Each.

| Sl No. | Name of Tree | Scientific Name         | Girth 30-59 (In cm) |    | Girth 60-89 (In cm) |   | Girth 90-119 (In cm) |   | Girth 120-149 (In cm) |   | Nature of Tree |    | Grand Total |
|--------|--------------|-------------------------|---------------------|----|---------------------|---|----------------------|---|-----------------------|---|----------------|----|-------------|
|        |              |                         | N                   | D  | N                   | D | N                    | D | N                     | D | N              | D  |             |
| 1      | Acacia       | Acacia Aurbuferrans     | 53                  | 2  | 14                  | 1 | 0                    | 0 | 0                     | 0 | 67             | 3  | 70          |
| 2      | Chalunga     | Senna occidentalis      | 42                  | 3  | 4                   | 0 | 0                    | 0 | 0                     | 0 | 45             | 3  | 49          |
| 3      | Chaira       |                         | 43                  | 3  | 8                   | 0 | 0                    | 0 | 0                     | 0 | 51             | 3  | 54          |
| 4      | Dhaura       | Arnegissus Latifolia    | 4                   | 0  | 0                   | 0 | 1                    | 0 | 0                     | 0 | 5              | 0  | 5           |
| 5      | Eucalyptus   | Eucalyptus globulus     | 88                  | 2  | 32                  | 0 | 0                    | 0 | 0                     | 0 | 120            | 2  | 122         |
| 6      | Gohira       | Acacia pennata          | 14                  | 0  | 0                   | 0 | 0                    | 0 | 0                     | 0 | 14             | 0  | 14          |
| 7      | Jamu         | Strylium cumini         | 23                  | 2  | 2                   | 1 | 1                    | 0 | 0                     | 0 | 26             | 3  | 29          |
| 8      | Kendu        | Diospyros Melanophyllum | 18                  | 2  | 2                   | 0 | 0                    | 0 | 0                     | 0 | 20             | 2  | 22          |
| 9      | Mahula       | Madhuca Latifolia       | 70                  | 7  | 9                   | 0 | 0                    | 0 | 0                     | 0 | 79             | 7  | 86          |
| 10     | Robul        | Meliosus philippensis   | 36                  | 5  | 5                   | 0 | 0                    | 0 | 0                     | 0 | 41             | 5  | 46          |
| 11     | Teak         | Tectona grandis         | 21                  | 1  | 3                   | 1 | 0                    | 0 | 0                     | 0 | 24             | 2  | 26          |
| 12     | Tentul       | Tamarindus Julube       | 14                  | 2  | 1                   | 0 | 0                    | 0 | 0                     | 0 | 15             | 2  | 17          |
| TOTAL  |              |                         | 426                 | 29 | 80                  | 3 | 2                    | 0 | 0                     | 0 | 508            | 32 | 540         |



**Tree Enumeration for WAOH in Forest Area - Durgapur**

**a subset of Time Enumeration Record of Dumasaur Reserve Forest (81.534 Acr. = 33.015 Ha) (Over 6 Sample Plots) Of 2 Ha. Each.**

| Sl No. | Name of Tree | Scientific Name       | Girth 30-59 (in cm) |    |     | Girth 60-89 (in cm) |   |   | Girth 90-119 (in cm) |   |   | Girth 120-149 (in cm) |     |     | Nature of Tree |  | Grand Total |
|--------|--------------|-----------------------|---------------------|----|-----|---------------------|---|---|----------------------|---|---|-----------------------|-----|-----|----------------|--|-------------|
|        |              |                       | N                   | D  | N   | D                   | N | D | N                    | D | N | D                     | M   | D   |                |  |             |
| 1      | Acacia       | Acacia Aurivuliformis | 60                  | 7  | 23  | 2                   | 0 | 0 | 0                    | 0 | 0 | 0                     | 83  | 9   | 92             |  |             |
| 2      | Chakunda     | Senna occidentalis    | 56                  | 10 | 14  | 0                   | 0 | 0 | 0                    | 0 | 0 | 0                     | 70  | 10  | 80             |  |             |
| 3      | Chera        |                       | 70                  | 19 | 15  | 9                   | 0 | 0 | 0                    | 0 | 0 | 0                     | 85  | 28  | 113            |  |             |
| 4      | Dhaura       | Anogeissus Latifolia  | 0                   | 0  | 0   | 0                   | 0 | 0 | 0                    | 0 | 0 | 0                     | 0   | 0   | 0              |  |             |
| 5      | Eucalyptus   | Eucalyptus globulus   | 95                  | 18 | 36  | 9                   | 0 | 0 | 0                    | 0 | 0 | 0                     | 131 | 27  | 158            |  |             |
| 6      | Gohira       | Acacia pennata        | 7                   | 0  | 1   | 0                   | 0 | 0 | 0                    | 0 | 0 | 0                     | 8   | 0   | 8              |  |             |
| 7      | Jamu         | Syzygium cumini       | 0                   | 0  | 0   | 0                   | 0 | 0 | 0                    | 0 | 0 | 0                     | 0   | 0   | 0              |  |             |
| 8      | Kandu        | Diospyros Melanoxylum | 0                   | 0  | 0   | 0                   | 0 | 0 | 0                    | 0 | 0 | 0                     | 0   | 0   | 0              |  |             |
| 9      | Mahula       | Madhuca Latifolia     | 92                  | 20 | 23  | 9                   | 0 | 0 | 0                    | 0 | 0 | 0                     | 115 | 29  | 144            |  |             |
| 10     | Rohini       | Mallotus philippensis | 41                  | 9  | 18  | 2                   | 0 | 0 | 0                    | 0 | 0 | 0                     | 59  | 11  | 70             |  |             |
| 11     | Teak         | Tectona grandis       | 2                   | 0  | 0   | 0                   | 0 | 0 | 0                    | 0 | 0 | 0                     | 2   | 0   | 2              |  |             |
|        |              |                       |                     |    |     |                     |   |   |                      |   |   |                       |     |     |                |  |             |
| 12     | Tentuli      | Tamarindus jeitube    | 1                   | 0  | 0   | 0                   | 0 | 0 | 0                    | 0 | 0 | 0                     | 1   | 0   | 1              |  |             |
|        | TOTAL        |                       | 434                 | 89 | 190 | 31                  | 0 | 0 | 0                    | 0 | 0 | 0                     | 594 | 114 | 608            |  |             |

On the instance of trees calculated in 1 Ha. = 55.66 or 56 nos.

Therefore the total cost of trees amount to 33,016 Rs. 56 = 1,843.896 or 1,849 rupees.

So the total no of trees found in Durgamur Reserve Forest is 1849.

**Raijharan Section**

*Chandipada Range*

Gitanjali Sahoo 1-6

Divisional Forest Officer  
3 Angul, Division

3 Angul. Division

**Tahasildar,  
Chhendipada**

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४-५-७८  
उप-मुख्य अभियंता (निर्माण) ॥  
पूर्व तट रेलवे, अनुमूल  
Dr. Chid Engineer (Genl.)  
E.Co.Rly, Anugul