

WHITE PAPER ON ENDEMIC FLORA AND  
FAUNA - Addendum

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1. Acacia Catechu (Cutch tree)

- Location: Main Driveway-Center
- Type: Thorny Deciduous
- Height: 10 – 50 feet
- Flowers: White / yellow (May - August)
- Fruits: Brown pods
- Trivia: Used in paan



## 2. Aegle Marmelos (Bael)

- Location: Academic Quads
- Type: Evergreen Tropical
- Height: 50 ft
- Flowers: Greenish white (March – May)
- Fruits: Brownish Green
- Trivia: All parts of the tree have medicinal uses



## 3. Albizia Amara (Krishna Siris)

- Location: Main Driveway-Center, Academic Quads
- Type: Small shrub
- Height: 10 – 20 feet
- Flowers: White / cream (April – June)
- Fruits: Oblong pods
- Trivia: Leaves eaten by cattle; medicinal uses



#### 4. Albizia Lebbeck (Siris Tree)

- Location: Academic Quads,  
Faculty/Staff Housing
- Type: Hardwood
- Height: 60 – 100 feet
- Flowers: White / cream (May – August)
- Fruits: Flat brown pod
- Trivia: Medicinal uses



#### 5. Anogeissus Latifolia (Axle Wood Tree)

- Location: Faculty/Staff  
Housing, Student Hostels
- Type: Evergreen
- Height: 65 feet
- Flowers: Yellow (December – January and June – July)
- Fruits: Greenish yellow
- Trivia: Source of Indian gum



## 6. Azadirachta Indica (Neem)

- Location: Faculty Housing
- Type: Evergreen Tropical
- Height: 50 ft – 130 ft
- Flowers: White (March – April)
- Fruits: Pale green
- Trivia: Natural pesticidal properties



## 7. Bauhinia Purpurea (Purple Orchid Tree)

- Location: Main Driveway
- Type: Deciduous Tropical
- Height: 20 ft
- Flowers: Pink (September – December)
- Fruits: Brown pod
- Trivia: Long period blooms, and plant-lover favorite



## 8. Boswellia Serrata (Indian Frankincense)

- Location: Faculty/Staff Housing, Student Hostels
- Type: Deciduous
- Height: 10 – 16 feet
- Flowers: Creamy white (January – March)
- Fruits: Greenish-yellow
- Trivia: Medicinal use – for osteoarthritis



## 9. Butea Monosperma (Flame of the Forest)

- Location: Main Driveway
- Type: Dry Deciduous
- Height: 20 ft – 40 ft
- Flowers: Vermillion (February - April)
- Fruits: Brown pod
- Trivia: Flowers used to make color for Holi



## 10. Caesalpinia Sappan (Sappan Wood)

- Location: Student Hostels
- Type: Evergreen Tropical
- Height: 20 ft – 30 ft
- Flowers: Yellow/Orange (March – May)
- Fruits: Brown woody pod
- Trivia: Heartwood yields extract used in medicine



## 11. Cassia Occidentalis (Coffee Senna)

- Location: All (Undergrowth)
- Type: Annual shrub
- Height: 6 ft – 7 ft
- Flowers: Yellow (August – September)
- Fruits: Dark brown
- Trivia: Seed used to make a coffee-like drink





## 12. Chloroxylon Swietenia (Ceylon Satinwood)

- Location: Faculty Housing
- Type: Tropical Deciduous
- Height: 50 ft to 65 ft
- Flowers: Creamy-white (March – April)
- Fruits: Deep brown capsule
- Trivia: Wood used as veneer in furniture



## 13. Dalbergia Latifolia (Black Rosewood)

- Location: Artificial Lakes
- Type: Tropical Deciduous
- Height: 65 ft – 130 ft
- Flowers: White (June – July)
- Fruits: Brown pod
- Trivia: Dome-shaped crown with lush foliage



#### 14. Diospyros Ebenum (Indian / Ceylon Ebony)

- Location: Faculty/Staff housing
- Type: Evergreen
- Height: 65 ft – 80 ft
- Flowers: Bright yellow  
(February – April)
- Fruits: Orange berry
- Trivia: Source of ebony



#### 15. Erythrina stricta var. suberosa (Corky Coral Tree)

- Location: Main Driveway
- Type: Deciduous
- Height: Medium
- Flowers: Orange-Scarlet  
(February – April)
- Fruits: Green pod
- Trivia: Thorny bark





## 16. Erythrina Variegeta (Sunshine Tree)

- Location: Student Hostels
- Type: Deciduous
- Height: 60 ft – 80 ft
- Flowers: Bright Crimson (December – February)
- Fruits: Reddish brown pod
- Trivia: Official flower of Okinawa Prefecture, Japan



## 17. Ficus Bengalensis (Banyan)

- Location: Main Driveway
- Type: Evergreen Tropical
- Height: 70 ft
- Flowers: Red cherry-like (April – June)
- Fruits: Red cherry-like
- Trivia: National tree of India



## 18. Hardwickia-Binata (Anjan)

- Location: Academic quads
- Type: Deciduous tropical hardwood
- Height: Medium-large
- Flowers: Pale yellowish-green (July – September)
- Fruits: Brownish oblong pods
- Trivia: Ornamental



## 19. Lagerstroemia Parviflora (Small flowered Crape Myrtle)

- Location: Student hostels
- Type: Dry and moist deciduous
- Height: 50 feet
- Flowers: White / cream (April – June)
- Fruits: Oval, 2 cm long
- Trivia: Timber benteak used



## 20. Lannea Coromandelica (Indian Ash Tree)

- Location: Student Hostels, Sports Complex
- Type: Deciduous
- Height: 50 feet
- Flowers: Yellowish-green (February – April)
- Fruits: Green
- Trivia: Medicinal uses



## 21. Limonia Acidissima (Wood Apple)

- Location: Faculty Housing
- Type: Deciduous
- Height: 30 ft
- Flowers: Yellowish green (January – March)
- Fruits: Woody brown
- Trivia: Hardwood used for woodworking



## 22. *Mangifera Indica* (Mango)

- Location: Faculty Housing
- Type: Evergreen Tropical
- Height: 30 ft – 100 ft
- Flowers: Creamy white (January – March)
- Fruits: Green to Yellow
- Trivia: Can live as long as 300 years and yet fruit!



## 23. *Memecylon Umbellatum* (Ironwood tree)

- Location: Main Driveway
- Type: Evergreen
- Height: 25 ft – 45 ft
- Flowers: Bright blue (February – April)
- Fruits: Black
- Trivia: Yellow dye from leaves used to treat bruises



## 24. Pongamia Pinnata (Indian Beech Tree)

- Location: Main Driveway
- Type: Deciduous
- Height: 65 ft
- Flowers: Purple/Pink (March to April)
- Fruits: Brown pod
- Trivia: Brown oil from seeds used in industry



## 25. Pterocarpus Marsupium (Indian Kino Tree)

- Location: Artificial lakes
- Type: Dry deciduous
- Height: 100 feet
- Flowers: Yellow (June - October)
- Fruits: Brown pod
- Trivia: Medicinal uses





## 26. Pterocarpus Santalinus (Red Sandalwood)

- Location: Artificial lakes
- Type: Dry Deciduous
- Height: 30 feet
- Flowers: Yellow (April – May)
- Fruits: Reddish-brown pods
- Trivia: Endangered, considered sacred in Hinduism



## 27. Shorea Robusta (Sal)

- Location: Academic Quads
- Type: Dry Deciduous
- Height: 100 ft – 115 ft
- Flowers: Whitish (March – May)
- Fruits: Greenish
- Trivia: Source of timber





## 28. Sterculia Urens (Gum Karaya)

- Location: Academic Quads
- Type: Deciduous
- Height: 50 ft
- Flowers: Greenish Yellow (December – March)
- Fruits: Reddish
- Trivia: Tree exudes gum used as emulsifier/thickener



## 29. Syzygium Cumini (Jamun)

- Location: Faculty Housing
- Type: Evergreen Tropical
- Height: 50 ft – 100 ft
- Flowers: White (March – May)
- Fruits: Black
- Trivia: Mentioned in Hindu Mythology (Ramayana)



### 30. Tamarindus Indica (Tamarind)

- Location: Faculty Housing
- Type: Evergreen
- Height: 50 ft – 90 ft
- Flowers: Pale Yellow (April – June)
- Fruits: Cinnamon brown
- Trivia: Name given in Persian means “Indian Date”



### 31. Tectona Grandis (Teak)

- Location: Academic Quads, Faculty/Staff Housing
- Type: Deciduous tropical hardwood
- Height: 80-100 feet
- Flowers: White (August – September)
- Fruits: Brown
- Trivia: Timber use



### 32. Terminalia Catappa (Indian Almond)

- Location: Artificial Lakes
- Type: Semi-Deciduous
- Height: 80 ft – 130 ft
- Flowers: White (February – May)
- Fruits: Reddish-purple
- Trivia: Nuts are edible, and taste like almonds



### 33. Terminalia Chebula (Chebulic Myrobalan)

- Location: Student Hostels
- Type: Tropical Evergreen
- Height: 65 ft
- Flowers: Greenish White (April – June)
- Fruits: Brown Nut-like
- Trivia: Highly valued in Ayurveda to cure cancer



### 34. Terminalia Tomentosa (Asan)

- Location: Artificial Lakes
- Type: Dry Deciduous
- Height: 100 ft
- Flowers: Pale green (October – December)
- Fruits: Deep brown ovoids
- Trivia: Fire-resistant bark, Stem stores water



### References

1. [http://agritech.tnau.ac.in/forestry/forest\\_index.html](http://agritech.tnau.ac.in/forestry/forest_index.html) {Accessed June 11th, 2012}
2. <http://forest.ap.nic.in/> {Accessed June 11th, 2012}
3. [www.flowersofindia.net](http://www.flowersofindia.net) {Accessed May 4th, 2012}
4. [www.wikipedia.org](http://www.wikipedia.org) {Accessed May 4th, 2012}