



## GITAM Deemed to be University

- ☞ GITAM has a dedicated horticulture department which maintains the greenery in the campus by following sustainable and contributing the existing ecosystem maintenance.

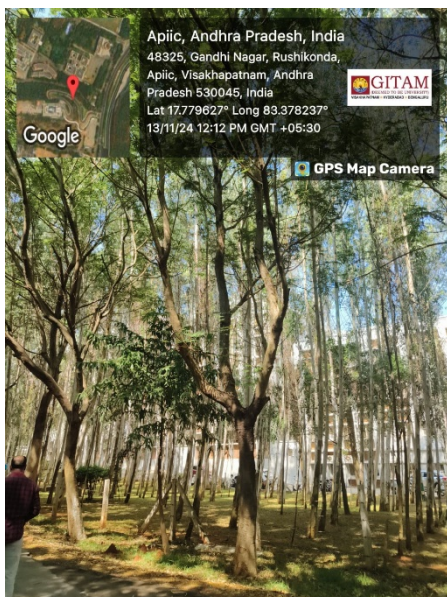
- ☞ GITAM has conducted a study of the existing plants, documented the details with their scientific name, family, origin, species, type, uses, medicinal values, specific features location in the campus etc. They are all QR coded and documented.

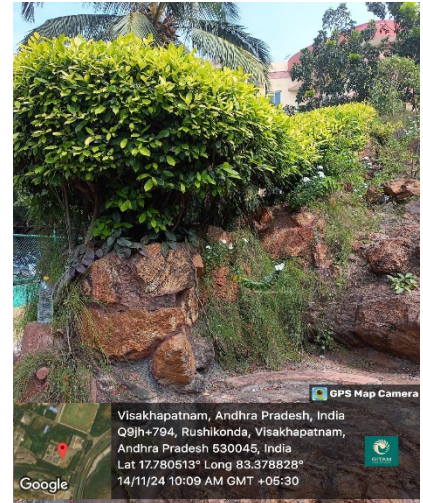
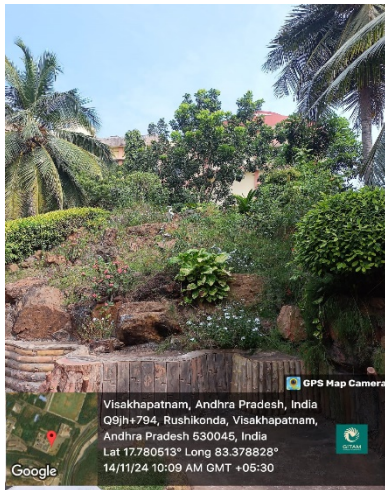
Example:



- ☞ GITAM is using technology to protect the rare and oldest trees by geo-tagged them. The information about that is stored and passed on to the next generations.
- ☞ GITAM has 88% of Open Space out of its total area 1033283 Sq. M
- ☞ Total forest area of the campus is 2,16,989.43 Sq.M
- ☞ Total Planted vegetation area for all campuses : 5,94,311 Sq.M

GITAM's commitment to ecological health reflects in the near complete greenery at Visakhapatnam Campus. A variety of trees, especially Artocarpus, Mangifera, Anacardium, Pongamia, Azadirachta, Ficus and Syzium, known for their high wood density and consequent enhanced carbon sequestration potential stand testimony to GITAM's concern for ecological health.





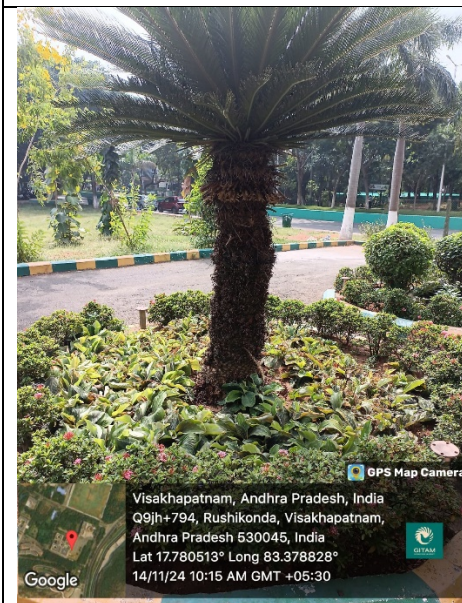
➤ **The following are some of the Water Conscious plants to mention**

	<p>Common Name: Golden Bamboo</p> <ul style="list-style-type: none"> <li>• Telugu name: Dieldrin</li> <li>• Family: Poaceae</li> <li>• Genus: Bambusa</li> <li>• Species: B.Vulgaris</li> <li>• Type: Fast growing grass with woody stems</li> <li>• Native To: Tropical/ Sub-Tropical Asia</li> <li>• Uses: Erosion control and drought resistant and has medicinal value</li> </ul>
	<p>Common Name: Hong Kong Orchid Tree</p> <ul style="list-style-type: none"> <li>• Telugu Name: Devakanchanamu</li> <li>• Family: Fabaceae</li> <li>• Genus: Bauhinea</li> <li>• Species: B.Blakeana</li> <li>• Type: Medium sized evergreen tree</li> <li>• Native To: Hong Kong</li> <li>• Uses: Avenues, Parks and Gardens, Attractive purple flowers, drought tolerant</li> </ul>



**Common Name:** Mother-in-law's tongue, Snake Plant

- **Telugu Name:** Pamu mokka
- **Family:** Asparagaceae
- **Genus:** Sansviera
- **Species:** S. Trifasciata
- **Type:** Evergreen perennial plant
- **Native To:** Africa
- **Uses:** Ornamental plant, hass air purification qualities as per the NASA Clean Air Study, drought resistant



**Common Name:** Indian Beech Tree, Karanj

- **Telugu Name:** Pungu
- **Family:** Fabaceae
- **Genus:** Pongamia
- **Species:** P. pinnata
- **Type:** Fast growing deciduous tree
- **Uses:** Drought tolerant, medicinal plant





**Common Name:** Guava, Amrood

- **Telugu Name:** Jaamchettu
- **Family:** Myrtaceae
- **Genus:** Psidium
- **Species:** P.Guajava
- **Type:** Small single or multitrunked tree
- **Native To:** Tropical Americas
- **Uses:** Flood, drought and wind resistant, fruit nutritious



**Common Name:** Neem

- **Telugu Name:** Chinta chettu
- **Family:** Fabaceae
- **Genus:** Tamarindus
- **Species:** T.indica
- **Type:** Leguminous evergreen tree
- **Native To:** Tropical Africa and India
- **Uses:** furniture, edible fruit pulp, medicinal properties, drought and salt resistant

 	<p><b>Common Name:</b> Manila palm</p> <ul style="list-style-type: none"> <li>• <b>Family:</b> Arecaceae</li> <li>• <b>Genus:</b> Veitchia</li> <li>• <b>Species:</b> V.merrilli</li> <li>• <b>Type:</b> Evergreen</li> <li>• <b>Native To:</b> Philippines</li> <li>• <b>Uses:</b> Drought resistant, the bark and wood are astringent. Avenues and gardens.</li> </ul>
 	<p><b>Common Name:</b> Madagascar almond</p> <ul style="list-style-type: none"> <li>• <b>Family:</b> Magnoliopsida</li> <li>• <b>Genus:</b> Terminalia</li> <li>• <b>Species:</b> T.mantaly</li> <li>• <b>Type:</b> Evergreen tree with layered branches</li> <li>• <b>Native To:</b> Madagascar</li> <li>• <b>Uses:</b> Shade tree, used for reforestation, drought resistant once established</li> </ul>