

PROJECT PROFILE

Title: Strengthening of Tissue culture unit at IFGTB, Coimbatore

Principle Investigators: Dr. Rekha R. Warriar, Scientist-E

Duration: 2018-2020

Objectives:

1. To produce tissue culture planting stock of plantation grown species like *Dendrocalamus giganteus*, *Thyrostachys oliveri*, *B. vulgaris*, *B. tulda*, *B. nutans*, *B. balcoa* and *Guadua angustifolia* along with some ornamental species like *Bambusa wamin* and *B. vulgaris var. variegata*
2. To provide package of practices for bamboo cultivation.

Funding Agency: National Bamboo Mission

Summary

- Cultures and stock plants of different bamboo species were procured from Rain Forest Research Institute (RFRI), Jorhat
- An annexe to the tissue culture lab and vegetative propagation complex is being improved
- 150 stock cultures of three different bamboo species are under multiplication.
- 1000 bamboo plants produced