

Empowering Private tissue culture laboratories in teak clone production

The Institute of Forest Genetics and Tree breeding, Coimbatore, had entered into MoU with two more commercial tissue culture laboratories, namely Meristem Biotech and Jagadamba Bioplants, both from Bengaluru had signed MoU this year for commercial production of Identified superior performers of Teak through tissue culture. The MoUs were signed during “Harnessing Intellectual Properties: from Innovation to Economic Growth” on 30th September 2022.

As a part of the commercialisation process, the staffs of tissue culture lab of IFGTB, comprising Mrs. Mahalakshmi, Technical officer, Mrs. Kalaiselvi R. and S.P Jeyachitra Senior Project fellows, Mrs. Preethi K.C., Project Assistant imparted hands on training to five lab personnel of both labs from 15 to 18 November 2022. The modules included media preparation, selection of explants, culture procedures and hardening of the *in vitro* plants including primary, secondary, acclimation of plantlets for the establishment in the soil.



Ex vitro rooting procedures were explained by Mrs, K. Santhi, Chief Technical officer and practical training was imparted by Mr. C. Rajesh, Project Assistant and Mrs. Anbuchelvi, support staff.





IFGTB provided the laboratories with stock cultures of clones of teak for handling in their respective laboratories. IFGTB would monitor the production every month, and regular quality checks will be performed. The MoU entails the QPM production by the private labs and buy back by IFGTB.