

Empowering Private tissue culture laboratories in QPM Production

The Institute of Forest Genetics and Tree breeding, Coimbatore, had entered into MoU with five commercial tissue culture laboratories since 2020. In continuation to that Sree Adithya Biotech, Bengaluru, Devleela Biotech, Raipur and Hi – Fi Biotech India Private Limited, Salem signed MoU this year for commercial production of Identified superior performers of Teak through tissue culture. The MoUs were signed on 30th November 2023.

As a part of the commercialisation process, hands on training was given to three lab personnel from Hi – Fi Biotech Indis Pvt Ltd., Karuppur on 7th December 2023. Mrs. Mahalakshmi, Technical officer and S.P Jeyachitra Senior Project fellow explained about media preparation protocols. Mrs. Kalaiselvi R, Senior Project fellow and Mrs. Preethi K.C, Project Assistant demonstrated sub culture procedures. Two operators from Hi- Fi biotech lab were individually trained to do teak clone culture procedures. Ex vitro rooting procedures and hardening process like primary, secondary, acclimation of plantlets were explained by Mr. K. David Seminito, Project Assistant and Mrs K.Chitra, Supporting Staff.

IFGTB provided the mother culture of two teak clones to Hi – Fi Biotech for mass multiplication trial process as per the MoU. 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.





