

## Report of Short-Term Training on “Characterization of Forest Genetic Resources and its conservation”

Two days hands on Training Programme on “Characterization of Forest Genetic Resources and its Conservation” was organised in IFGTB on 28<sup>th</sup> and 29<sup>th</sup> August, 2019 to facilitate the students/Research scholars to understand morphological, biochemical and molecular characterization of Forest Genetic Resources along with instrument handling viz. DNA Engine, Electrophoresis, Spectrophotometer, Gel Documentation and usage of software for analysis. Students/Research Scholars from various Colleges and Universities had attended the training program. Importance of FGR issues and wetlab research especially quantification of the extracted DNA through spectrophotometric and gel electrophoresis were taught and given hands on training on PCR sample preparation, detailed working of DNA engine and Documentation of DNA bands using softwares .The HOD, FGRM, Dr. R. Anandalakshmi, Dr. D. Thangamani, Scientist, Training Co-ordinator and Smt. S. Lalitha, CTO interacted with the participants and shared their experiences on importance of FGR and need for their characterization, conservation and sustainable utilization.



**Training on Characterization and Genetic variation analysis**