

Report on
One Day Virtual Training Programme on
“Characterization of Forest Genetic Resources and Utilization”
11th August, 2021
at Characterization Lab,
Forest Genetic Resource Management Division
Institute of Forest Genetics and Tree breeding, Coimbatore

Institute of Forest Genetics and Tree breeding has organized one day virtual training programme on “**Characterization of Forest Genetic Resources and Utilization**” on 11th August, 2021. Nearly **Ninety Six participants** (Students & Faculties) from various colleges and universities of all over India viz., Dr. YS Parmar University of Horticulture & Forestry, Himachal Pradesh; Guru Ghasidas Vishwavidyalaya, Chhattisgarh; Rani Lakshmi Bai Central Agricultural University, Uttar Pradesh; Navsari Agricultural University, Gujarat; Forest Research Institute Deemed University, Uttarakhand; JK Paper Limited; Maharaja Sriram Chandra Bhanja Deo University, Odisha; The Zamorin's Guruvayurappan College, Kerala. Bharathiar University; Nirmala College for Women; CMS College of Science and Commerce; Sri Krishna Arts and Science College; Government Arts and Science College, Coimbatore; Annamalai University, Chidambaram; Bharathidasan University, Trichy; Ethiraj College For Women, Chennai; Loyola College, Chennai; SDNB Vaishnav College for Women, Chennai; Sri Kaliswari College, Sivakasi; Shri Sakthikailassh Women's College, Salem; Arignar Anna Government Arts College, Namakkal; Government Arts College, Ooty have participated.

The theme was to provide virtual training on Morphological, Biochemical and Molecular Characterization of Forest Genetic Resources. The training also provided inputs on different aspects of tools, techniques and handling instruments viz., Nanodrop, Spectrophotometer, Gel Documentation System, Electrophoresis System, Thermal Cycler and usage of software for molecular analysis. The Conservation and Utilization aspects of Forest Genetic Resource through Vegetative propagation techniques like stem cutting, grafting and transplantation have also been taught.

Smt. S. Lalitha, Chief Technical Officer of FGRM division welcomed the gathering and explained about previous short term trainings conducted. Dr. D. Thangamani, Scientist, FGRM Division made an overview of the training, imparted and appraised practical demonstration of wet lab training on handling of different instrument and its techniques for morphological, biochemical and molecular variation. Provided knowledge on characterization, conservation of FGR and molecular techniques through video sessions. The queries raised by participants were clarified by training co-ordinator Dr. D. Thangamani. The training helped students and faculties to gain broad knowledge on handling different instruments and its techniques for morphological, biochemical and molecular variation. The training concluded with formal vote of thanks by Smt. S. Lalitha.



