

## **Report on One day integrated course for U.G Students of Forest College & Research Institute, Mulugu, Telangana conducted by IFGTB, Coimbatore**

Institute of Forest Genetics and Tree Breeding, Coimbatore organized one day Integrated course on Forestry Research to the second year under graduate (B.Sc. Forestry) students from Forest College & Research Institute, Mulugu, Telangana on 02.04.2018 at the request of FC&RI, Mulugu. A total of 49 students participated in the training programme along with three accompanying faculties of the institute.

Dr. Mohit Gera, IFS, Director, IFGTB inaugurated the program and gave introductory session on overview of tree improvement programmes with special emphasis on plus tree selection and significance of clonal and seedling seed orchards. He also narrated the contribution of the IFGTB in tree improvement of major species. Shri. Rajesh Gopalan, Head of Division, Forest Economics & Extension gave an overview of the institute research and extension activities, the organization structure, infrastructure facilities, scientific and technical manpower available for research and extension. Ms. K. Yasodha, IFS, Extension Officer facilitated the training programme.

The students were given orientation to various concepts and methods in forestry research in four different sessions. Dr. Maheswar Hegde, Scientist E, delivered lecture on the latest scientific advancements in Tree improvement - selection procedure, Progeny trials and testing, Clonal forestry. Dr. R. Anandalakshmi, Scientist E, explained to the students on the significance of seed orchards and gave hands on training in the seed handling techniques. Dr. N. Senthil Kumar, Scientist E, Bioprospecting division explained the various bio products developed by IFGTB from forest resources. Dr. N.V. Mathish, Scientist E delivered a lecture on role of Molecular Markers in Tree Improvement and Genetic Resources in Forests.

Students were given hands on training in the laboratories and field exposure to the Vegetative Multiplication Garden and Seed Processing Center in the campus. The students also visited Gass Forest Museum as part of the integrated program.

