



One Day Exposure Visit of
‘TAMILNADU MODEL SCHOOL TEACHERS’

24.10.2024

Organized by

ICFRE-Institute of Forest Genetics and Tree Breeding, Coimbatore

ICFRE-Institute of Forest Genetics and Tree Breeding, Coimbatore organized one day exposure visit for Tamilnadu Model School Zoology teachers on 25.10.2024 to the institute. A total of 60 PG Assistant Zoology teachers participated.

Dr. S. Saravanan, Head, Extension, welcomed the participants and gave an overview on research activities being carried out at ICFRE-IFGTB. He also explained about the organization structure, infrastructure facilities, scientific and technical manpower available for research and extension. Shri. P. Chandrasakeran, CTO, briefed about extension activities carried out by ICFRE-IFGTB including Tree Growers Mela, training programmes to various stakeholders, VVK, networking with KVKs, Normal extension, Prakriti programme, preparation of documentaries on ICFRE-IFGTB technologies and products, extension materials, etc. of the institute.

Dr. C. Kunhikannan, Director, ICFRE-IFGTB inaugurated the event and briefed about the achievements of ICFRE-IFGTB in different areas of forestry research. He emphasized that teachers are the credible mentors for the students and teachers should keep learning throughout their life employing constant reading/learning techniques so that they will guide the students both in academic and extra-curricular activities.

After the inaugural session, the teachers were taken to Plant Bio-technology and Cytogenetic division. Smt. S. Sudha, Technical Officer, appraised the activities and the importance of wet lab and gave a brief note on different instruments and its uses in labs. Teachers visited DNA Finger Printing lab, Genomics lab, Genetics Transformation lab and learned the techniques. Later, the teachers were taken to the Vegetative Propagation Complex of ICFRE-IFGTB wherein Smt. K. Shanthi, Chief Technical Officer explained on the different facilities and the essential requirements for mass multiplication of trees. Teachers were also exposed to facilities like Mother bed chamber, shade house, poly tent, etc.

Smt. Vinitha, Senior Technical Officer, explained to the teachers on the significance of Forest Genetic Resource & Management. The teachers were briefed about what

is FGR, prioritized species for conservation, and briefed about seed collection, processing, storage, germination test, seed certification, etc. Teachers were explained about seed bank, X-ray machine, Image Analyzer, cold storage unit, Seed Processing Center. She also explained on Seed ball technology and its practical application.

Smt. R. Sumathi, Chief Technical Officer explained about the role of Bioprospecting in Forestry and its research on the development of bio pesticides and bio-products. She also explained about the development of forest based value added bio-products viz., HyAct, Tree PAL^H, bio-colourant - Tara red natural colourant and Jam, and herbal products Royalseema- ICFRE- Red sanders soap and Herbal hand sanitizer. She also briefed about the instruments used in the labs and its working principle.

The teachers shared their memorable experiences of their one day exposure visit in the valedictory session. During the valedictory session, Dr. C. Kunhikannan, Director, ICFRE-IFGTB highlighted the activities/programs carried out at the institute for school students, especially for Government school students. He encouraged the teachers to motivate the students to get involved in nature connecting programs for future endeavour. Dr. S. Saravanan, Head, Extension during his closing note stated that ICFRE-IFGTB is willing to provide services wholeheartedly on Nature and Environment awareness activities to both teachers as well as students.







