



Two days Training programme on 'Seed Technology and Clonal Propagation'

ICFRE - Institute of Forest Genetics and Tree Breeding, Coimbatore organized two days training on 'Seed Technology and clonal Propagation' to 42 State Forest Service Officer trainees from Central Academy For State Forest Service (CASFOS), Coimbatore (2023-2025, SFS Batch) during 08 – 09th, January, 2024.

Dr. S. Saravanan, Head, Extension, ICFRE-IFGTB inaugurated the training program and gave an overview of the institute research and extension activities. He also narrated the contribution of the ICFRE-IFGTB in tree improvement of major species.

As a part of the training program, the trainees were given to various concepts and methods in forestry research in different sessions. Dr. A. Vijayaraghavan, Scientist F, Head, FGRMN, delivered lecture on tree improvement programmes with special emphasis on plus tree selection and significance of clonal and seedling seed orchards. He also mentioned about in-situ, ex-situ conservation strategies for sustainable utilization of Forest genetic resources.

Dr. R. Anandalakshmi, Scientist G, explained to the trainees on the significance of Seed Production Areas, Seedling and Clonal Seed orchards and its establishment, management and its significances. Also, given hands on training in seed handling techniques for various species. She explained about Sampling, Seed collection, processing, seed treatment, storage, seed testing and seed certification. Trainees were given hands on training in the laboratories and field exposure to Seed Processing Center in the campus.

The hands-on training was imparted in the Vegetative Multiplication Garden of ICFRE-IFGTB wherein visit was given on the different facilities like Mother bed chamber, shade house and the essential requirements for mass multiplication of trees. The trainees were appraised on the concepts of Selection of trees and data collection on tree characters, collection of cuttings from Mother Bed chambers, vegetative multiplication garden and coppice shoots. Practical session in the preparation of rooting media and rooting hormone preparation in different concentration enabled the trainees to acquire knowledge on standardizing optimum rooting hormone concentration followed application of rooting hormone and fungicides.

