



Institute of Forest Genetics and Tree Breeding



Monthly Seminar on 'Growth promoting Actinobacteria in Forest Tree crops' 10th January 2020

A monthly research seminar on the topic “**Growth promoting Actinobacteria in Forest Tree crops**” was organized in the Conference Hall of IFGTB, Coimbatore on 10th January 2020. All the Scientists, Officers, Technical Staffs including Project Staffs of the Institute and Asst. Professors and Research Scholars from different colleges were present on this occasion for knowledge enhancement and experience sharing on beneficial microbes. Dr. J.P. Jacob, Head, Forest Protection Division welcomed the gathering. Dr. S. Murugesan, Director, IFGTB highlighted the role of microbes in increasing soil fertility, significant issues in release of clones in different agro climatic conditions, requirement of new technology from seed germination to agroforestry and related multilayered research for tree crops. Dr. A. Karthikeyan, Scientist delivered a lecture on Influence of *Frankia* and *Micromonospora* from nursery to disease management in Casuarinas. From academic point view, Dr. L. Karthik, Asst. Professor, Sakthi Institute of Engineering College presented on the topic 'Actinobacteria from Microbiology to Synthetic Biology' and shared recent technologies i.e. CRISPER, Nano, Gene sequencing, products and patenting, Technology to implementing Policy Research etc. From the industry side, Mr. P. Sakthivel, Santhi clonal nursery and Dr. P. Chezhan, Manager, TNPL shared their experiences of *Frankia* and *Micromonospora* for the yield per annum and disease management. The monthly seminar concluded with vote of thanks by Dr. A. Karthikeyan, Scientist, FP Division.

