

Training on Basic Biotechnology for PSG College of Arts & Science, Coimbatore

The Institute of Forest Genetics and Tree Breeding organized a five day training course on "Basic Biotechnology" from 4 - 8 June 2018 for undergraduate students pursuing biotechnology in PSG College of Art and Science, Coimbatore. The training was customized for the specific needs of the students and twenty six students participated in the training program. The course included lecture, demonstration and hands-on sessions covering topics on nucleic acid isolation and quantification, polymerase chain reaction, bacterial cloning and estimation of secondary metabolites.

In the introductory session, the applications of biotechnology in biological sciences was presented by Dr. R. Yasodha, Scientist G followed by sessions on good laboratory practices, primer designing, applications of PCR and basics of secondary metabolites and their function. Lecture on transgenesis and genome engineering was delivered by Dr. N.V.Mathish, Scientist F to expose students to the contemporary areas of research in biological sciences. A session on data



analysis and research paper writing was conducted by Dr. Rekha Warriar, Scientist E to empower the participants with skills on manuscript writing and editing.



Dr. Mohit Gera, Director, IFGTB held

an interactive session with the participants on “Sustainable lifestyle” to encourage the students to achieve a successful professional career. In the final session of the training module, Dr. Modhumita Dasgupta, Course-



coordinator delivered a lecture on Intellectual Property Rights and its implications in biotechnology research. In the valedictory session the participants were encouraged to express their opinion regarding the training course. The training ended with distribution of certificates.