

**A Report on Hands on Training on  
“Bioprospecting – Instrumentation methods and Phytochemical analysis”  
22 & 23 January, 2018**

Two days hands on training on **“Bioprospecting – Instrumentation methods and Phytochemical analysis”** has been conducted in the **Institute of Forest Genetics and Tree Breeding, Coimbatore** during 22 & 23 January, 2018. A total of 19 participants from Kalasalingam Academy; Virudhunagar, Nirmala College for Women, Coimbatore; Vellalar college for Women, Erode; Bishop Heber college, Trichy; G.V.G Vishalakshi College, Udumalpet; Sri Krishna college of Arts & Science, Coimbatore; Kongunadu Arts and Science college, Coimbatore and Forest college and Research Institute, Mettupalayam participated in the training. The participants included under graduate, post graduate and students of Biotechnology, Microbiology, Biochemistry, Ph.D scholars and Lecturers. The participants were provided training on selection, collection, processing and extraction of plant samples; fractionation and characterization of active compounds using various chromatographic methods viz., TLC, UV, HPLC and GC/MS/MS, followed by biological properties of active compounds thereof. The main aim of the training was to provide hands on training to handle advanced instruments and upgrade their technical skill in their core subjects.

During the valedictory function each participant appreciated the training, especially the course contents and module which are all apt and appropriate for their present activities and also the institute for organizing such hands on training, through which the participants are confident enough to work in Industries and even to become an entrepreneur. Dr. S. Murugesan, Director, during his valedictory address informed that IFGTB is conducting such hands on training to the student community to develop their skill on the subject with modern instrumentation techniques. The training concluded with the distribution of certificates to participants by Dr. S. Murugesan Director, IFGTB, Coimbatore. Dr. N. Senthilkumar, Smt. R. Sumathi, Shri Anish V Pachu, Smt. R. Lakshmidhevi, Shri R. Sathishkumar and research scholars of the Division of Bioprospecting were involved in the training.









