

**A Report on Hands on Training on
“Bioprospecting – Instrumentation methods and Phytochemical analysis”
22 - 23rd December 2016**

Division of Bioprospecting, Institute of Forest Genetics and Tree Breeding, Coimbatore has organised two days hands on training on **“Bioprospecting – Instrumentation methods and Phytochemical analysis”** during 22 - 23rd December 2016. A total of 23 participants from Bharathiar University, Coimbatore; Vanavarayar Institute of Agriculture, Pollachi and academic institutions viz., Sri Krishna Arts and Science College, Coimbatore; PSG college of Arts & Science, Coimbatore; SNR Sons college, Coimbatore; Dr.N.G.P. Arts and Science College, Coimbatore and Government Arts College, Karur were present. The participants include both post graduate and under graduates of Biotechnology, Microbiology, Biochemistry students, 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 training aimed to develop skill on the subject and to make the participants familiarise with the principle and handling of the equipments and interpretation of the data.

During 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. The training ended with the distribution of certificates to participants by Shri. R.S. Prashanth, IFS, Director, Institute of Forest Genetics and Tree Breeding, Coimbatore. The Group Co-ordinator Research, Dr. S. Murugesan, Scientist G was also present in the valedictory function.











