

**A Report on Hands on Training on
“Bioprospecting – Instrumentation methods and Phytochemical analysis”
17th - 19th August 2016**

Division of Bioprospecting, Institute of Forest Genetics and Tree Breeding, Coimbatore has organised three days training on **“Bioprospecting – Instrumentation methods and Phytochemical analysis”** during 17th - 19th August 2016. A total of 22 participants from various universities viz., Tamil Nadu Agriculture University, Bharathiar University, Karunya university, Coimbatore; Dr. MGR Educational and Research Institute, Chennai; Periyar University, Salem; academic institutions viz., Bannari Amman Institute of Technology, Sathyamangalam; K. S. Rangasamy College of Technology, Tiruchengode; Presidency College, Chennai; Kongunadu Arts & Science College, Coimbatore; Bharathidasan College of Arts and Science, Erode and Government Arts College, Karur; R & D Institutions such as National Research Centre for Banana, Tiruchirapalli and Pasteur Institute of India, Coonoor and an industry, T. Stanes and Company Limited, Coimbatore. The participants were trained in selection, collection, processing and extraction of plant samples followed by fractionation and characterization using various chromatographic methods viz., TLC, UV, HPLC and GC/MS/MS. Based on characterization, biological properties of active compounds for antioxidant, antimicrobial and biopesticidal properties 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.

Feedback session and the valedictory function were organized on 19th August 2016, chaired by the Director Shri. R.S. Prashanth, IFS, and Group Co-ordinator Research, Dr. B. Gurudev Singh, Scientist G. The training co ordinator Dr. S. Murugesan, Head and Scientist- G, addressed the participants. Each participant appreciated that the training was well planed, especially the course contents and module were opt and appropriate for their present activities. The training workshop ended with formal vote of thanks by Dr. N. Senthilkumar, Scientist E, Bioprospecting Division.



