

## SUMMER INTERNSHIP TRAINING

### Institute of Forest Genetics and Tree Breeding, Coimbatore

2 weeks internship training with the following module.

S. No.	Division /Course incharge	Module	Days
1.	Bioprospecting (Dr.N.Senthilkumar)	Bioprospecting of forest resources (Collection and processing of plant material, extraction, fractionation using column Chromatography & Thin Layer Chromatography (TLC); Characterization and identification of bioactive compounds using UV Spectrophotometry, HPLC, FTIR & GCMSMS ; Evaluation of bioactive principles for biological properties)	5 days
2.	Microbiology (Dr. A. Karthikeyan)	Techniques in Mycorrhizal Fungi – Isolation, Identification and Mass Production Methods (Biofertilizer production) Identification and Multiplication techniques of beneficial bacteria/growth promoting microorganisms.	5 days
3.	GIS & remote sensing (Dr. A. Rajasekaran)	Basics of remote sensing and GIS; Practical application of GPS and Demonstration of application of QGIS.	2 days
4.	Research methods & biostatistics (Dr. V. Sivakumar)	Experimental design, data collection, analysis using appropriate statistics tools and interpretation.	1 day
5	Paper writing (Dr. Rekha Warriar)	Scientific report/paper writing	1 day
6	Dr.N.Senthilkumar	Preparation of training report by the trainees and issue of certificate	1 day

**Fee/student is Rs. 4000/-**

Accommodation (sharing)@1000/student for the stay during training period

Maximum number of students: 20 nos.

May/June

**Contact person / Training Co-ordinator.**

Dr. N. Senthilkumar

Scientist 'F & Head

Chemistry and Bioprospecting Division

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*Approved*

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*18/03/2021.*

**निदेशक / Director**

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