

## INTERNSHIP TRAINING

**Institute of Forest Genetics and Tree Breeding, Coimbatore**  
provides 2 weeks internship training with the following module  
16<sup>th</sup> to 31<sup>st</sup> May, 2022

| S. No. | Division   | Module   | Days   |
|--------|--|--|--|
| 1.     | Bioprospecting<br>(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) | 3 days<br>16 <sup>th</sup> -18 <sup>th</sup> May,<br>2022  |
| 2.     | GIS & remote sensing<br>(Dr. A. Rajasekaran)           | Basics of remote sensing and GIS; Practical application of GPS and Demonstration of application of QGIS.   | 2 days<br>19 <sup>th</sup> & 20 <sup>th</sup><br>May, 2022 |
| 3      | Microbiology<br>(Dr. A. Karthikeyan)                   | Techniques in Mycorrhizal Fungi – Isolation, Identification and Mass Production Methods (Biofertilizer production)<br>Identification and Multiplication techniques of beneficial bacteria/growth promoting microorganisms.   | 4 days<br>23 <sup>rd</sup> -26 <sup>th</sup> May,<br>2022  |
| 4.     | Research methods & biostatistics<br>(Dr. V. Sivakumar) | Experimental design, data collection, analysis using appropriate statistics tools and interpretation.  | 1 day<br>27 <sup>th</sup> May, 2022                        |
| 5      | Paper writing<br>(Dr. Rekha Warriar)                   | Scientific report/paper writing  | 1day<br>30 <sup>th</sup> May, 2022                         |
| 6      | Dr. N. Senthilkumar                                    | Preparation of training report by the trainees and issue of certificate  | 1 day<br>31 <sup>st</sup> May, 2022                        |

**Fee/student is Rs. 3000/-**

Accommodation @1000/student for the stay during training period.

Accommodation will be provided based on the availability.

Maximum number of students: 20 nos.

**Contact person**

**Student Co-ordinator**

R.Sumathi

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**Training Co-ordinator**

Dr.N.Senthilkumar

Scientist F & Head

Chemistry and Bioprospecting Division

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*Approved*  
*Das*  
*18/04/2022*