



Accommodation

Boarding and lodging is available separately on payment basis in TFRI Guest House/ Hostel on request as indicated in Application Form. This will be at the rate of Rs.145/- per day per head. Food may also be provided on additional cost of Rs. 200/- per day per head, which includes morning tea, breakfast, lunch, evening tea and dinner. In this manner, those interested in accommodation and food arrangements may have to bear a cost of Rs.1035/- (Rupees One Thousand Thirty Five only) in addition to the Training Fee of Rs.3000/-. This additional amount may be paid in advance or during the training. Alternatively one can also book accommodation in hotels or anywhere own initiatives with own arrangement of transportation to the venue and back.

Eligibility criteria

Post-Graduate students and Research Scholars in Zoology, Forestry, Agriculture from a recognized university.

Important dates

- 15/09/2016: Last date for receiving application along with training fee.
30/09/2016: Receipt of application and training fee with late fee of Rs.500/-

FORMAT FOR APPLICATION

Training on statistical applications in entomological and other biological experiments
(13 - 15th October., 2016)

Name :

Qualification :

(Please enclose attested copy of M.Sc. mark sheet as proof)

Postal Address :

Details of payment :

(Cash/ Cheque/ DD in favour of the Director, TFRI, payable at Jabalpur)

Accommodation required (Yes/No):.....

(On charge basis day/ head)

Food required (Yes/No):

Phone :

Mobile :

E. mail :

Date :..... Signature

Kindly return the completed form along with biodata, attested copy of M.Sc. Marksheet (appearing candidates may enclose IIIrd Sem marksheet) and Application Fee may be sent to the Training Coordinator by post, E. mail or by hand at :

Dr. Nitin Kulkarni, Training Coordinator
Scientist – G & Head, Forest Entomology Division
Tropical Forest Research Institute
P.O. – R.F.R.C., Mandla Road, Jabalpur (M.P.) – 482021
Phone - 0761-2840634, Mob. – 9425325430
E. mail: hfed_tfri@icfre.org, kulkarnin@icfre.org, kulkarni_n27@hotmail.com

SHORTLISTED CANDIDATES WILL BE INTIMATED BY E. MAIL AND LIST WILL ALSO BE DISPLAYED AT <http://tfri.icfre.gov.in>

TRAINING ON STATISTICAL APPLICATIONS IN ENTOMOLOGICAL AND OTHER BIOLOGICAL EXPERIMENTS (13 - 15th October., 2016)



Organized by

Forest Entomology Division
TROPICAL FOREST RESEARCH INSTITUTE
(Indian Council of Forestry Research & Education)
(An autonomous council under Ministry of Environment and Forests and Climate Change, GoI)
P.O. – R.F.R.C., Mandla Road
JABALPUR (M.P.) – 482021
Website: <http://tfri.icfre.gov.in>

TRAINING ON APPLICATION OF BIostatISTICS IN ENTOMOLOGICAL AND OTHER BIOLOGICAL EXPERIMENTS

(13 - 15th October., 2016)

Statistics is a vigorous subject affecting every aspect of modern living. Statistical planning and evaluation of researches have promoted technological advances in growing and processing food, statistical quality control of manufactured products, environmental forecasts, and many others. While at one hand it is a simple logic or common sense with strong admixture of arithmetic procedures, at another end the arithmetic complications make the subject look more complex. The educational institutions mainly teach theory of very basic aspects of the statistics than the practical application part. Most of the biological researches involve field surveys, laying out of observation plots, biological assays in the laboratories, collection of data, its analyses and presentation for logical conclusions. All biological observations face problem of variability due to various known and unknown factors with impossibility of reproducing the same result in successive trials. The statistical analyses handle it by various means rather than the general biological assumptions giving confidence to the researcher. We do not aim to produce professional statisticians through this short-term training of three days. However, through this we aim to promote clear,

disciplined thinking, especially where the collection and interpretation of numerical data on entomology and other biological aspects are concerned. This will also include techniques of general applicability and utility in research. This is because, the statistics implies a new way of thinking for students in terms of guiding them and making them equipped enabling to plan and execute well designed experiments to produce results as closer as possible to the factual state of affairs.

Thus, the training programme has a practical and great academic utility, particularly for the young entomologists and educationists and all those who are concerned about improving the statistical skills and get certificate for their participation. The lectures will cover all available options for applications of statistics in entomological and biological observations and experiments, including field collection of data, used commonly.

About TFRI

The Tropical Forest Research Institute is the first forestry research institute under Indian Council of Forestry Research & Education, Dehradun (Ministry of Forest, Environment & Climate Change) in the central Region, catering to the forestry research requirements of four states; M.P., M.S., C.G. and O.R. states in various scientific aspects including entomological problems.

The institute, spread in 109 ha, has 8 research divisions for carrying out forestry researches and a Forest Extension Division for disseminating research results to field and ultimately to different group of stakeholders' like progressive farmers, State Forest Departments, Forest Corporations and MFP Federations, NGOs, SHGs, and all those who are interested in forestry and environment, in general.

Outline of the Training

A tentative general outline is as follows -

1. General introduction to statistics in biological researches.
2. Design of laboratory and field experiments.
3. Data collection and compilation.
4. Tests of significance and comparison of means.
5. ANOVA for various experimental designs.
6. Drawing inferences and presentation of results.
7. Hands-on experiments/ field observations for learning data generation, compilation, statistical analysis and inferences to draw results.

Training fee

This will be a paid training and will be charged @ Rs.3000/- per head. The cost of accommodation and food will be extra on demand, as per the information submitted by the participants in Registration Form.