



## **INSTITUTE OF FOREST BIODIVERSITY (IFB), HYDERABAD**

**Oct 05<sup>th</sup> & 06<sup>th</sup>, 2020**

### **A Report on Two Days Training Programme on Statistical Methods in Forestry Research for Scientists.**

Two days training programme on Statistical methods in Forestry Research for Scientists was conducted from 05<sup>th</sup> & 06<sup>th</sup> October, 2020 through Google meet (Online) at IFB, Hyderabad for Scientists of ICFRE and its institutes.

Dr. Ravinder Sharma, Professor, UHF, Solan, Dr. Rajiv Pandey, Scientist-E, ICFRE, Dehradun, Dr. Girish Chandra, Scientist-C, ICFRE, Dehradun, Dr. Ritesh Tailor, Scientist-C, IWST, Bangalore, Dr. Jawaid Asharf, Scientist-B, ICFRE, Dehradun, Dr. Manish Kumar, Scientist-B, ICFRE, Dehradun were kind enough to participate in the course curriculum as the Resource Persons. A total of 30 Scientific staff from ICFRE Institutes have participated in the programme i.e. IFB, ICFRE, TFRI, AFRI, FRI, RFRI & IFGTB including 15 nominated for the course by ICFRE.

Dr. G.R.S. Reddy, Scientist-G, was the Course Co-ordinator and has designated the programme to suit to the theme and subject.

A brief warm welcome address was given by Shri D. Jayaprasad, IFS, Director, IFB to all the participants on the importance of training program.

Dr. G.R.S. Reddy, Scientist-G, Course Co-ordinator has thanked the Director, IFB and ADG (E & RB) for kind support for sponsoring the programme and nominated staff and explained overview of the training course and the importance of statistics in research and how our association are going to determine the results obtained and their directions.

### **Day-1:**

Dr. Rajiv Pandey, Scientist-E, ICFRE, Resource person, delivered a presentation on Statistics in Forestry Research- Boarder Pen Picture of Statistical Techniques in Forestry. The presentation was followed by discussion session; Dr. Rajiv Pandey have also clarified the queries raised by the participants.

Dr. Ravinder Sharma, Professor, UHF, Solan initiated the next session and delivered a presentation on Basic Statistics- Descriptive Statistics- Central Tendency & Dispersion. The presentation was followed by discussion session; Dr. Ravinder Sharma have also clarified the queries raised by the participants.

Dr. Manish Kumar, Scientist-B, ICFRE initiated the third session and delivered a presentation on Correlation & Basic Regression in Forestry. The presentation was followed by discussion session; Dr. Manish Kumar have also clarified the queries raised by the participants.

Dr. Ravinder Sharma, Professor, UHF, Solan initiated the fourth session and delivered a presentation on Regression Analysis in Forestry. The presentation was followed by discussion session; Dr. Ravinder Sharma have also clarified the queries raised by the participants.

In the end of day, a review session was conducted on day-1 presentations and day-2 activities.

## Day-2:

Dr. G.R.S. Reddy, Scientist-G, Course Co-ordinator has initiated the session with Recap of previous day sessions and discussed the clarified the queries raised by the participants.

Dr. Ritesh Tailor, Scientist-C, IWST, Bangalore has initiated the session and delivered a presentation on Testing of Hypothesis in Forestry Research-I. The presentation was followed by discussion session; Dr. Ritesh Tailor have also clarified the queries raised by the participants.

Dr. Girish Chandra, Scientist-C, ICFRE initiated the next session and delivered a presentation on Sampling methods in Forestry-II. The presentation was followed by discussion session; Dr. Girish Chandra have also clarified the queries raised by the participants.

Dr. Jawaid Asharf, Scientist-B, ICFRE initiated the next session and delivered a presentation on Basic Experimental Designs in Forestry-I. The presentation was followed by discussion session; Dr. Jawaid Asharf have also clarified the queries raised by the participants.

Dr. Rajiv Pandey, Scientist-E, ICFRE initiated the next session and delivered a presentation on Factor Analysis in Forestry. The presentation was followed by discussion session; Dr. Rajiv Pandey have also clarified the queries raised by the participants.

In the validation session, Shri D. Jayaprasad, IFS, Director, IFB attended as a Chief Guest and addressed on the relevance of effective training programme.

Dr. Rajiv Pandey, Scientist-E, ICFRE & Dr. G.R.S. Reddy, Scientist-G, IFB held discussions with the trainees. All participants have opined that the training helped them very fruitfully. However, Dr. G.R.S. Reddy, wanted a hands on training on computer analysis and data interpretation of results apart from demonstration of experimented designs in fields.

Apart from the topics covered there were some participants who evinced keen interest in higher level statistical discussion including cluster analysis, Discriminate analysis and principal component analysis & multi variate analysis.

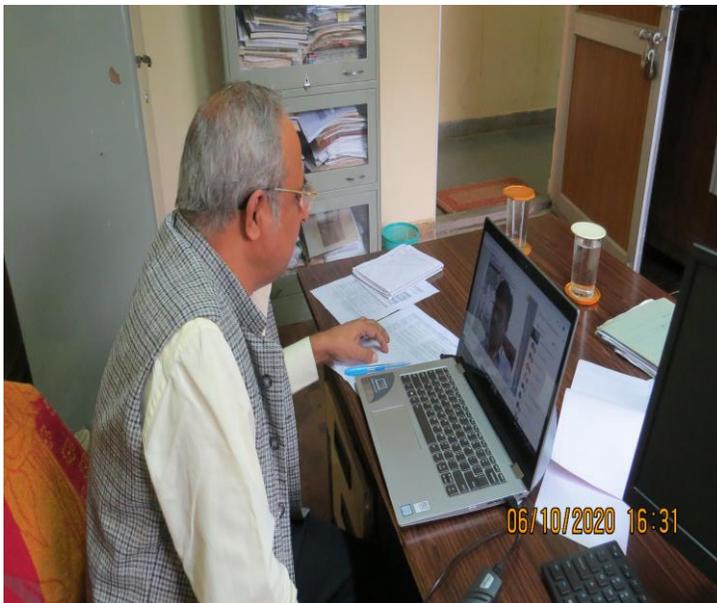
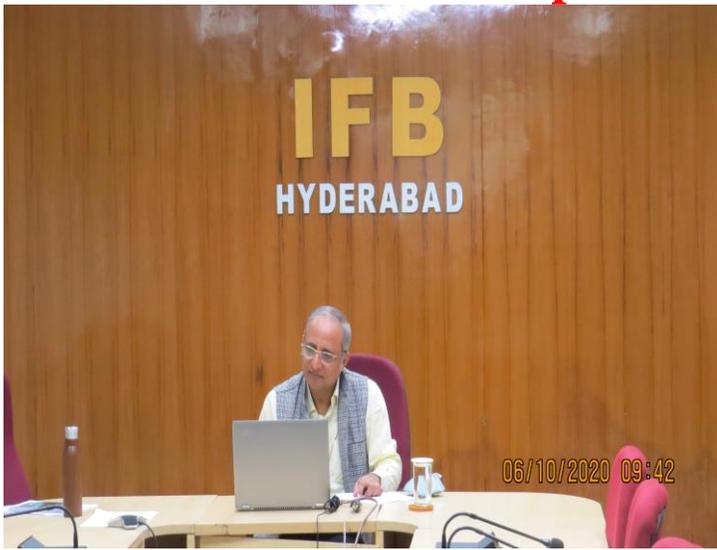
In my opinion geneticists should be given separate program for analyzing the genetic studies. With genstat etc., software programs, social science studies through SPSS and other experiments through SAS etc. and give one week to two weeks training in one place may be Dehradun

The training programme was concluded with vote of thanks by Dr. G.R.S. Reddy, Scientist-G, extending thanks to the Director, IFB, ADG (E & RB), Resource persons from UHF & ICFRE and participants for the kind support in organizing the fruitful training programme.

The training programme final inputs and suggestions given by Dr. Rajiv Pandey, Scientist-E, ICFRE and he also extending thanks to Director, IFB, course co-ordinator, ICFRE and participants for the kind support and showing interest on statistics.

The overall programme co-ordinated by Shri. E. Manikanta Reddy, Technician and Shri D.S.S. Prasad, Technician, IFB, Hyderabad.

# Glimpse of the programme



## List of Participants

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