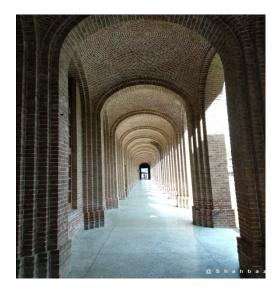**About the Indian Council of Forestry Research & Education (ICFRE)**

Indian Council of Forestry Research & Education is formed in 1986 as an umbrella organisation for taking care of forestry research, education and extension needs of the country. Finally on 1st June 1991, the ICFRE was declared an autonomous Council under the then Ministry of Environment and Forests and registered as a Society under the Societies Registration Act, 1860.



**Spatial Identity of the Council**

ICFRE is situated on Chakrata Road, 5 km away from Dehradun city. The institute is easily assessable by train from Dehradun Railway Station (6 km) and by air from Jolly Grant Airport (31 km). The climate is very cold during late November to February.

**Accommodation**

Boarding and lodging has to be managed by the participants themselves. Moreover, boarding and lodging may be made available to the participants at their request within the Institute's Campus at Rs 1000 per day basis as first come first serve basis.

**Time and Duration of Course**

17 – 21 January, 2022 (Five Day)

**Nature and Number of Participant**

Any researcher interested in data analysis may participate in training. A maximum of 30 participants would be considered.

**How to apply**

Participants are requested to send e-mail on the address (rsoftwaretraining@gmail.com) with filled Application Form by 10th January, 2021. Participants are advised to plan their journey only after confirmation as number of seats are fixed and limited upto 30 participants, to ensure enough exposure with adequate hands-on exercise.

*Applications will be shortlisted based on the training needs of applicants and first come, first served basis.*

# Training Course

## On

# Statistical Methods and Data Analysis through R-Software

17 – 21 January, 2022

Division of Forestry Statistics
Indian Council of Forestry Research & Education,
Dehradun (India)

**Contact**
Dr Rajiv Pandey
Course Coordinator
Head and Scientist - E
ICFRE, Dehradun, Uttrakhand
9412918634 (m)
Phone: 135-2224811

## Background

Numerous packages are available for data analysis. However, R is now most applicable and in vogue. Data analysis through R is simple and easy to operate due to its various features and an effective data handling and storage facility and graphical facilities for data analysis. R, being a language and environment for statistical computing and graphics provides a wide array of statistical analytical tools.

## Objective

✧ Elaboration and deliberations of various methods and data analysis by R
✧ Hands on for the data analysis
✧ To make capable the researchers for analysing the data appropriately and reporting in the research report

## Course Content

✧ Basic Statistical Methods
✧ Relationship evaluation
✧ Testing of data
✧ Multi-variate Analysis
✧ Graphics

## Methodology

The course methodology would be primarily practical oriented with inputs of lectures. Lecture supported by the group work session will be the essence of each session. Exercise with evaluation among the participants and faculty will be mandatory. Participants will be encouraged to bring their report or papers and make presentation for improvement of the writings. Reporting of processed of raw data would also be part of the exercise based on the real field data or data generated based on participants inputs on a common issue. Participant has to make a draft paper on the outcome of the training on group basis.

## Application Form

**Training Course on Statistical Methods and Data Analysis through R-Software**

| | | |
|---|---|---|
| **Name** | : | |
| **Qualification** | | |
| **Affiliation** | : | |
| **Address** | : | |
| **Have to published papers in Thompson Reuters** | : | Yes / No |
| **Please define your proposal in 150 words alongwith the statistical requirement for your research in additional 200 words** | | |
| **Pl describe your expectation in 50 words from the course.** | | |
| **Endorsement by Supervisor** | | |

Please email the completed form to
rsoftwaretraining@gmail.com

## Venue

Indian Council of Forestry Research & Education, Dehradun