



Online Training Programme on

Basics of Data Analysis Using R

th 10 - th 14 November 2025
2 PM - 5 PM

Platform: Google Meet 

Brief about the programme: Comprehensive training on data analysis using R, covering installation, data management, statistical techniques, and data visualization.



Training Objectives

Day 01 Introduction to R

Installation of R and R Studio
Data Types and Data Management

Day 02 Basic Statistics

Descriptive Statistics, Test of Hypothesis,
Correlation and Regression Analysis

Day 03 Design of Experiments(Basics)

Basic Designs, Factorial Experiment
Analysis, Split Plot & Strip Plot Analysis

Day 04 Data Visualization Techniques

Basic and Advanced Graphical Tools

Day 05 Non Parametric Techniques

Who can Participate

Students, Faculty, Data Analysts, Scientists,
Freelancers (Irrespective of their specialization)

Participation Fee ₹ 1000

Last Date to Register
7th NOVEMBER 2025

Account No: 41795406771

IFSC code: SBIN0070670

Bank Name: State Bank of India

Branch: KAU Branch, Vellanikkara

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**REGISTER
HERE**

Course Organizers

Centre for e-Learning

Kerala Agricultural University
Vellanikkara, Thrissur

Dept. of Agricultural Statistics

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Kerala Agricultural University, Thrissur



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ABOUT THE ORGANISING TEAM

CENTRE FOR e-LEARNING (CeL)

The Centre for e-Learning (CeL) under Kerala Agricultural University was established to provide a learning avenue for rural youth and working professionals by way of online courses viz., online certificate courses, Massive Open Online Courses (MOOCs) pertaining to agricultural technology and continuous learning by utilizing the potential and prospects of Information and Communication Technology. The CeL of KAU is hosting an agricultural information technology portal ([http:// celkau.in/](http://celkau.in/)) which is useful for farmers, extension workers, students and all stakeholders in agriculture. Apart from these activities the Centre for e-Learning is organizing both paid and free online/offline trainings to scientific and technical professionals within and outside the country.

DEPARTMENT OF AGRICULTURAL STATISTICS

The Department of Agricultural Statistics was established as a statutory department under the College of Agriculture, Vellanikkara in the year 1972. The aim of the department is to provide quality education in the field of statistics and to develop the subject of statistics with its application and usefulness to society.

The department offers both Undergraduate and Postgraduate courses in Statistics. The department promotes the use of Free and Open Source Softwares and the department maintains an advanced analytical lab with softwares like SPSS, SAS, R etc.

ABOUT THE TRAINING

Statistics plays a vital role in every field of human activity. Statistics is a process of making use of tools employed in Management, Social Science, Agricultural Science etc. The in-depth knowledge in statistics plays a crucial role in gathering information of data and its proper analysis and presentation. The training programme aims to provide a comprehensive background on the basic principles and applications of statistical data analysis using R software. The programme is scheduled from 2 pm to 5 pm for a continuous period of 5 days from 10 to 14 November, 2025.

TARGET PARTICIPANTS

Faculties, students, data analysts, researchers, and freelancers who are interested in learning data analytics.

Resource Persons

Dr. Saravanan S
Associate Professor
PAJANCOA & RI
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Dr. Naveena K
Scientist
KSCSTE-CWRDM
Kozhikode

Dr. Himadri Shekhar Roy
Scientist
ICAR- IASRI
New Delhi

Dr. Santhosh Ganapathi Patil
Senior Scientist
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Organizers

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