R Studio®

ONLINE TRAINING ON

ADVANCED DATA ANALYSIS USING 'R'

19th - 23rd January, 2026
2 PM - 5 PM

*Master the Art of Data Analysis with R
From Insights to Innovation!*

Day-1 **Multivariate Analysis**
Data Dimension Reduction Techniques
Data Classification Techniques

Day-2 **Spatiotemporal Modelling and its Applications**

Day-3 **Design of Experiments {Advanced}**
Incomplete Block Designs

Day-4 **Time Series Forecasting Techniques**

Day-5 **Path Analysis Model**
Structural Equation Modelling

Participation Fee
₹ 1000

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

LAST DATE TO REGISTER 16-01-2026

REGISTER NOW

**Account No: 41795406771
IFSC code: SBIN0070670
Bank Name: State Bank of India
Branch: KAU Branch, Vellanikkara
UPI ID: CELKAU.981@sbi**

COURSE ORGANIZERS

CENTRE FOR e-LEARNING
KERALA AGRICULTURAL UNIVERSITY
VELLANIKKARA, THRISSUR

DEPT. OF AGRICULTURAL STATISTICS
COLLEGE OF AGRICULTURE, VELLANIKKARA
KERALA AGRICULTURAL UNIVERSITY, THRISSUR

SCAN HERE FOR REGISTRATION AND PAYMENT

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/) 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.

DEPT. OF AGRCULTURAL 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 application and its benefits 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

Advanced data analysis is essential across fields like agriculture, social sciences and management. This training program will focus on advanced techniques using R software, offering in-depth knowledge in data analysis. The key topics covered include Multivariate Analysis (data dimension reduction techniques, data classification techniques), Spatiotemporal Modelling and its applications, Advanced Design of Experiments (Incomplete Block Designs), Time Series Forecasting Techniques. Additionally, participants will learn about path analysis models, including Structural Equation Modelling. The program is scheduled from 19th to 23rd January 2026, with daily sessions from 2 PM to 5 PM.

TARGET PARTICIPANTS

Faculties, Students, Data Analysts, Freelancers and Researchers from all over the country and abroad, who are interested to learn data analytics.

Resource Persons

Dr. Arpan Bhowmik
Senior Scientist
ICAR-IARI, Assam

Dr. Santosha Rathod
Senior Scientist
ICAR-IIRR, Hyderabad

Dr. Eldho Varghese
Senior Scientist
CMFRI, Kochi

Dr. Ranjit Kumar Paul,
Principal Scientist
ICAR-IASRI, New Delhi

Dr. Arya V. Chandran
Assistant Professor
COA, Vellanikkara, Thrissur

Organizers

Dr. B. Ajithkumar
Director
Centre for e-Learning
9847749670

Ms. Sajitha Vijayan M
Organizing Secretary
Dept. of Agricultural Statistics
9900145291

Dr. Akhil Ajith
Institutional Co-ordinator
Centre for e-Learning
9495943875

0487 2438565   www.celkau.in   celkau@gmail.com