



ONLINE TRAINING ON



ADVANCED DATA ANALYSIS USING 'R'

11th - 15th November, 2024
2 PM - 5 PM



Participation Fee
₹ 1000

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

Day-1 Design of Experiments (Advanced)
Incomplete Block Designs

**Day-2 Machine Learning Techniques
Predictive Modelling Techniques**
Logistic Regression
Logit and Probit Regression

Day-3 Time series Forecasting Techniques

Day-4 Multivariate Analysis
Data Dimension Reduction Techniques
Data Classification Techniques

Day-5 Path Analysis Model
Structural Equation Modelling

Who can Participate

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

**LAST DATE TO REGISTER
7 NOVEMBER 2024**

Account No: 41795406771
IFSC code: SBIN0070670
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Branch: KAU Branch, Vellanikkara
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COURSE ORGANIZERS

**SCAN HERE
FOR PAYMENT**



UPI

Centre for e-Learning
Kerala Agricultural University
Vellanikkara, Thrissur

Dept. of Agricultural Statistics
College of Agriculture, Vellanikkara
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/>) 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 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 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 Incomplete Block Designs, Predictive Modelling (Logistic Regression, Logit, and Probit Regression), Machine Learning, Time Series Forecasting, and Multivariate Analysis (Data Dimension Reduction and Classification Techniques). Additionally, participants will learn about Path Analysis Models, including Structural Equation Modelling. The program is scheduled from 11th to 15th November 2024, with daily sessions from 2 PM to 5 PM.

TARGET PARTICIPANTS

Faculties, Students, Data Analysts, and Researchers from all the Universities of the country, who are interested to learn data analytics.

Resource Persons

Dr. Eldho Varghese
Senior Scientist
CMFRI, Kochi

Dr. Arpan Bhowmik
Senior Scientist
ICAR-IARI, Assam

Dr. Santosha Rathod
Senior Scientist
ICAR-IIRR, Hyderabad

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

Dr. Jaiprakash Bisen
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