



# Centre for e-Learning

**Kerala Agricultural University**

IT-BT Complex, KAU (PO), Thrissur, Kerala – 680656

Website: [www.celkau.in](http://www.celkau.in) Email: [celkau@gmail.com](mailto:celkau@gmail.com)



No.CeL/40/2017

Dated: 01/06/2022

Respected Sir/Madam,

**Sub:** - KAU-Centre for e-Learning- Training on Data Analysis using 'R' software - reg.

The Centre for e-Learning (CeL) under Kerala Agricultural University in collaboration with Department of Agricultural Statistics, College of Agriculture, Vellanikkara organizing a training programme on Data Analysis using 'R' software. The training program 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 **21<sup>st</sup> to 25<sup>th</sup> June, 2022**. Faculties, Students, Data Analyst and Researchers from all the Universities of the country, who are interested to learn data analytics can register for the training programme.

The participants are requested to register for the training through the google form link/QR Code attached with the brochure after remitting the training fees of Rs.750/- to the bank details as shown below.

Bank Account Number: 67368597330  
Bank Name & Branch: SBI, KAU Branch, Vellanikkara.  
IFSC code: SBIN0070670  
Favouring: Director, Centre for e-Learning.

The last date for registration is on **15<sup>th</sup> June 2022**.

I will be greatly indebted if this training receives your kind attention and is circulated widely amongst the fraternity of your esteemed institution. A copy of the Brochure is also attached for your kind perusal.

Sd/-  
Director  
Centre for E-Learning

# TRAINING ON DATA ANALYSIS USING "R" SOFTWARE



Scan the QR code  
for registration

## DAY 01

- Introduction to R
- Installation of R and R studio
- Data Types and Data Management in R

## DAY 02

- Visualisation of Data
- Graphs and Charts Using R

## DAY 03

- Basic statistics with R
- Parametric tests
- Correlation

## DAY 04

- Statistical Inference
- Non-parametric tests

## DAY 05

- ANOVA
- Regression
- Basic design of experiments

Last date for registration  
**15.06.2022**

<https://forms.gle/ubE1jd8bHCc9z9GQA>

21<sup>st</sup> JUNE 2022

to

25<sup>th</sup> JUNE 2022

FEE : Rs. 750/-\*

Account No: 67368597330


IFSC Code: SBIN0070670


Bank Name: State Bank of India

Branch: KAU Branch, Vellanikkara

 Google Meet

For any further information:

 9567190858

 9497353389

Email id: celkau@gmail.com

## 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 on agriculture and has an average hit of around 6 lakhs per annum. Apart of 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 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, Agrl. Science etc. The indepth knowledge in statistics plays a crucial role in gathering information of data and its proper analysis and presentation. The training program aims to provide a comprehensive background on the basic principles and applications of some of the statistical data analysis using R software. The Programme is scheduled from 2 pm to 5 pm for a continuous period of 5 days from 21<sup>st</sup> to 25<sup>th</sup> June, 2022.

### TARGET PARTICIPANTS

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

### Resource Persons

**Dr. Naveena K.**  
Scientist  
CWRDM, Kozhikode

**Dr. Yashavanth B. S.**  
Scientist, ICM Division  
ICAR - NAARM

**Dr. Saravanan S.**  
Associate Professor  
PAJANCOA&RI  
Pondicherry University

**Dr. Pratheesh P Gopinath**  
Assistant Professor  
Dept. of Agrl. Statistics  
CoA, Vellayani

### ORGANIZERS

**Dr. Ajithkumar B.**  
Director, CeL  
9847749670

**Smt. Swapna T. R.**  
Institutional Co-ordinator, CeL  
7559070461

**Sri. Ayyoob K. C.**  
Organising Secretary  
9846347968