IQAC · INSTITUTION'S INNOVATION COUNCIL (Ministry of Education Initiative) · KEA · Estd. 1965

3 DAY
WORKSHOP
PROGRAMMING

Organised by

**Department of Economics,
Sree Sankara College, Kalady** under
SMART Scheme of **IQAC, SS College**
in Association with
Kerala Economic Association
and with the collaboration of
**Department of Economics, St. Paul's
College, Kalamasserry**

📅 **05, 06 & 07, FEBRUARY 2026**

🕘 9.30 AM - 4.00 PM

REGISTER NOW

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Coordinators
**Lt. Dr. Rajy Ramakrishnan
Dr. Anumol K A**

Dr. Bindu Krishnan
Senior Statistician, IBM

**Principal: Prof. (Dr.) Anilkumar M
HoD: Prasad S**

About the Workshop

R-programming has become increasingly significant in economic research due to its powerful statistical capabilities, open-source nature, and vast ecosystem of specialised packages. The workshop on R-Programming aims at equipping students and researchers with practical skills to analyse real-world data using modern, efficient tools. It helps the participants to move beyond theoretical learning by offering hands-on exposure to data handling, modelling, and interpretation.

05.02.2025

Session 1: Introduction to R and R Studio
Getting Started with R: Navigating the RStudio Environment and Core Concepts

Session 2: Data Structures in R
Understanding Data Structures in R: Vectors, Lists, and Beyond

06.02.2025

Session 3: IData Import & Export in R Studio
Managing Data in R: Importing, Cleaning, and Exporting Datasets

Session 4: Descriptive Statistics in R
Exploring Data through Descriptive Statistics in R

Session 5: Data Visualization in R
Visualizing Data with R: From Basic Plots to Insightful Graphics

07.02.2025

Session 6: Hypothesis Testing in R
Statistical Inference in R: Conducting and Interpreting Hypothesis Tests

Session 7: Correlation & Regression in R
Regression Techniques in R: Modelling Relationships and Predictions

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ORGANISING COMMITTEE

Prof. (Dr.) Anilkumar M, Principal SS College, Kalady
Prasad S, Head of the Department of Eoconomics, SS College, Kalady
Dr. M P Philip, Coordinator, KEA, Ernakulam Chapter
Dr. Smiji A J, Head of the Department of Economics, St. Paul's College, Kalamasserry
Dr. Preemy P Thachil, Associatie Professor, Department of Economics