



# BISHOP MOORE COLLEGE

MAVELIKARA, KERALA, INDIA, 690110

Re-accredited with NAAC A Grade and Ranked in top 100 in NIRF 2022, 2021, 2020 and 2018  
Accredited with SAAC 'A' Grade in 2021 and Placed in Performer Band in ARIIA 2021  
58<sup>th</sup> Rank in NIRF 2022

Jointly organized by  
**IQAC & Department of Economics**

30 Hours Certificate Course on



## Theoretical & Practical Application of Data Science with R

### What will you learn?

- Introduction to Data Science
- R programming and its packages
- Descriptive Analysis
- Data visualization in R
- Hypothesis Testing
- Econometric Modeling

### Who is this Course for?

- PG and Final year UG Students (Economics, Econometrics, Mathematics, Commerce, Business Administration)
- Research Scholars
- Faculty Members

### Successful Completion Certificate is based on:

- Attendance
- Assignments and Projects
- 55% minimum mark in the examination



To Register  
[Click Here](#)

Registration Fees Rs. 500/-  
Online Mode Live Session  
27<sup>th</sup> July 2022 - 10<sup>th</sup> August 2022

### About the Program

Data Science is an exciting discipline that includes various fields such as mathematics, business insight, tools, processes and machine learning techniques. A mix of all these fields helps us to turn raw data into comprehensive and insightful information, which can be of major use in academia and in corporate decision makings. When you learn R for data science, you'll learn how to use the language to perform statistical analysis and develop data visualizations. R's statistical functions also make it easy to clean, import and analyze data.

### Objectives of the Program

The 30 hours Certificate Course in Theoretical and Practical Application of Data Science with R has been designed to help you to learn the most important tools in data science. The course will help you to acquire in-depth knowledge in data analysis techniques which can be performed using R and students exercise the fundamentals of statistical analysis and econometric analysis in R environment.

### Learning Outcome

By the end of the course you should be competent in applying the mathematical and statistical tools used in econometrics, and should be able to:

- Handle data
- Apply econometric methods
- Conduct and Interpret a variety of hypothesis tests to aid decision making
- Understand and Interpret Correlation and Regression analysis.

Organizing Committee..

**Dr. HEMA S KURUP**  
**Mrs. VIDYA DEVI**  
**Mrs. POOJA REGHU**  
Conveners

**Dr. REJI G D**  
Co-ordinator  
9656156911

**Dr. RANJITH MATHEW ABRAHAM**  
HOD  
9447958509

**Dr. JACOB CHANDY**  
Principal