

Workshops/Seminars Conducted during the year 2022-23

Department of Botany

Peer Teaching Workshop
on
**Introduction to R & Statistical
Analysis using R studio**

Organized by
DEPARTMENT OF BOTANY
Maharaja's College, Ernakulam

In association with
Department of Statistics & IQAC
Maharaja's College, Ernakulam

Venue: 2nd year M.Sc. Botany classroom

Date & Time: 17th to 19th October 2022, 3.30-4.30pm

For Registration:

<https://docs.google.com/forms/d/1ZtJlnRsLZYAUxQwFbawJQCDJfPZ4cgfY3ef7MW8pq2I/edit>

Classes led by:

*Students of 2nd Year M.Sc. Statistics
Maharaja's College*



Ms. Aleena Thampi



Ms. Nayana Mariam Baby



Ms. Mubashira Basheer



Ms. Sharanya S. Pillai



Ms. Fahima M.A.



Ms. Gopika Venugopal.

PROGRAMME SCHEDULE

Peer Teaching Workshop on **Introduction to R & Statistical Analysis using R studio**

Organized by, DEPARTMENT OF BOTANY

In association with, DEPARTMENT OF STATISTICS, MAHARAJA'S COLLEGE

MONDAY, 17th October 2022

Inaugural session: 3.00-3.30pm

Venue: Mahalanobis Hall

Invocation

Welcome Address : **Dr. Mathew Steephan** (Head, Department of Botany)

Presidential Address : **Dr. Jayamol K. V.** (Head, Department of Statistics)

Felicitations : **Dr. Jaya S.** (IQAC Coordinator, Maharaja's College)

Vote of Thanks : **Dr. Shanti Vasudevan C. N.** (Assistant Professor of Botany)

Technical Session I: 3.30-4.30pm

Venue: Statistics Lab

Basic and interface explanation: **Ms. Nayana Mariam Baby** (2nd year M.Sc. Statistics)

Data entry and basic codes : **Ms. Gopika Venugopal** (2nd year M.Sc. Statistics)

Correlation and regression : **Ms. Sharanya S. Pillai** (2nd year M.Sc. Statistics)

TUESDAY, 18th October 2022

Technical Session II: 3.30-4.20pm

Venue: Statistics Lab

t test : **Ms. Fahima M. A.** (2nd year M.Sc. Statistics)

ANOVA : **Ms. Aleena Thampi** (2nd year M.Sc. Statistics)

Post hoc test : **Ms. Mubashira Basheer** (2nd year M.Sc. Statistics)

Valedictory session: 4.20-5.00pm

Venue: I year PG Botany Lecture Hall

Welcome Address : **Dr. Mathew Steephan** (Head, Department of Botany)

Felicitations : **Smt. Jess Mary James** (Assistant Professor of Botany)

Feedback : **Participants**

Vote of Thanks : **Dr. Shanti Vasudevan C. N.** (Assistant Professor of Botany)

REPORT

Peer Teaching Workshop on **Introduction to R & Statistical Analysis using R studio**

Organized by, DEPARTMENT OF BOTANY

In association with, DEPARTMENT OF STATISTICS, MAHARAJA'S COLLEGE

17th & 18th October 2022

A peer teaching hands on workshop on 'Introduction to R & Statistical Analysis using R studio' was organized by the Department of Botany in association with Department of Statistics on 17th & 18th October from 3.30pm to 4.30pm in the Statistics Laboratory. Dr. Mathew Steephan (Head, Department of Botany) welcomed the gathering. The entire workshop was efficiently handled by 2nd year Post Graduate students of Statistics and was attended by 2nd year Post Graduate students of Botany. Ms. Nayana introduced the concept of R. Ms. Gopika explained all the interface terminologies, codes and components of R-software. Ms. Sharanya the correlation and regression. Ms. Fahima MA described 't test'. Ms. Aleena Thampi explained ANOVA. Post hoc test was taught by Ms. Mubashira Basheer. Student experts were assisted by their classmates Mr. Bince Bino, Ms. Sethulekshmi KP, Ms. Mumthas Ibrahim, Ms. Krishna Biju, Ms. Christiya Anna Thomas and Ms. Lakshnipriya of 2nd year Post Graduate Statistics. The programme schedule and brochure is attached herewith. Certificate were distributed to the students in the valedictory session. Dr. Mathew Steephan (Head, Department of Botany) welcomed the gathering. **Smt. Jess Mary James** (Assistant Professor of Botany) gave felicitation while **Dr. Shanti Vasudevan C. N.** (Assistant Professor of Botany) gave the vote of thanks.



