

# REPORT

## Two day Hands-on workshop on R Programming

A two day workshop on R programming had been conducted by the Department of Mathematics and Statistics in association with IQAC on 30/11/2023 and 1/12/2023.



The workshop was conducted by the resource person of the program Dr. Sreejith V, Associate Professor, Government Arts College Thiruvananthapuram. The inauguration session of the program took place on 30/11/2023 at the college Seminar Hall. The event started at 10:00 am with prayer, sung by Gopika R and Devika SR Pillai of 2nd year BSc Mathematics.



The welcome address was given by Head of the Department Mrs. Beena G P, in which she welcomed the college principal Dr. Sumi Alex, Chief Guest Dr. Sreejith V, College administrator Rev. Fr. D Georgekutty, College Vice - principal Dr. Jubin Mattappallil, College IQAC Coordinator Dr. Krishnakumar V and Program Coordinator Dr. Seema S. Nair.



She also welcomed the teachers and students who came to attend the session from nearby colleges, and the students and teachers of St. Gregorios College Kottarakkara.

The meeting continued with presidential address from College principal Dr. Sumi Alex who reminded the students on how significant the opportunity to learn the advanced R software is. The session was inaugurated by Chief guest Dr. Sreejith V . Dr. Sreejith V gave an introduction on R - Programming in his inaugural speech. It was followed by the keynote address of the College administrator Rev. Fr. D. Georgekutty where he gave the attendees a spin on the college history and wished well all the students and teachers attending the workshop. The felicitations were given by the College vice-principal Dr. Jubin Mattappallil and College IQAC coordinator Dr. Krishnakumar V who appreciated the efforts put forth by the Department of Mathematics and Statistics in cultivating the interest of students according to futuristic opportunities . Lastly the vote of thanks for all those who attended the ceremony and cooperated with it was given by Assistant Professor of the Department of Mathematics and Statistics Dr. Seema S. Nair, who extended the gratitude to all the guests of the event and gave regards to all the students on gaining a wonderful experience and great knowledge. The inaugural function was concluded with national anthem.



After the inaugural function, the technical session and hands-on workshop started in the college computer lab where Dr. Sreejith V introduced the students and faculties to 'R Programming and Numerical computing'. The session was temporarily dismissed for lunch break at 1:00 PM.

The second technical session started on the topic of 'Read, Import, Export of data' and continued with 'Data pre processing'. The first day sessions ended at 4:00 PM.

1<sup>st</sup> December was the second day of the workshop. The third technical session of the workshop was on the topic 'Descriptive Statistics'. Dr. Sreejith V gave a profound explanation of the topic. 'Correlation and Regression' were the fourth technical session topics. The session restarted after the lunch break for the fifth and final technical session which was on the topic 't-test and ANOVA'.

The two-day workshop concluded with Valedictory Function.



Overall the sessions were deemed a great success. The students and faculties bagged a plethora of knowledge on R Programming and Statistics .

