

The academic year 2019 of the department started with the commencement of classes for the I and III semester of the MSc programme. The department officially started the I semester of the MSc programme on 2nd January 2019 and the III semester on 1st November 2018 .

This annual report will provide an overview of the department's activities during the past year, including academic achievements, research accomplishments, and outreach efforts. This year we organized several programmes, including seminars, workshops, invited talks, exhibitions etc.

I. STUDENT STRENGTH.

PROGRAMME	YEAR	STUDENT STRENGTH	Total
MSc Statistics	I Year	16	27 (MSc)
	II Year	11	
TOTAL STUDENTS			27

II. UNIVERSITY EXAMINATION RESULTS

PROGRAMME	No of students attended the examination	No of students passed	Pass %
MSc Statistics	9	8	88%

III. NEW APPOINTMENTS.

One faculty members are newly appointed in the department. The details are as under.

Sl.No:	Name	Designation	Remarks
1	Muhammed Nizam VP	Assistant Professor	

IV. DEPARTMENTAL ACTIVITIES.

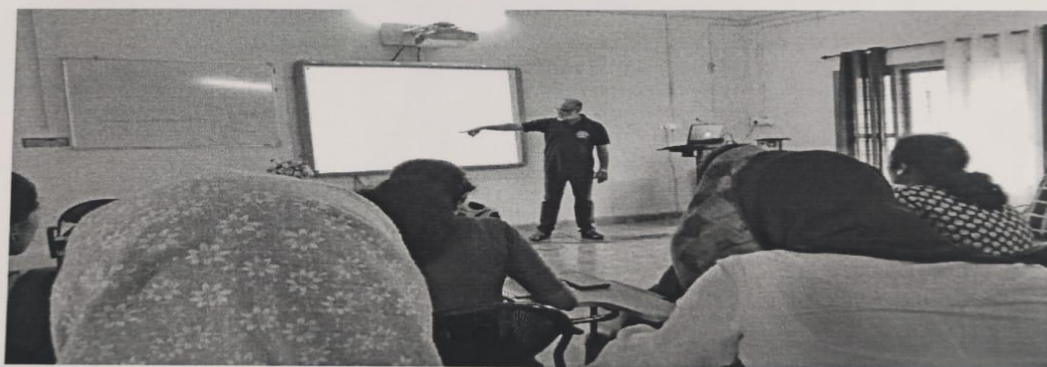
1. NATIONAL CONFERENCE ON STATISTICS AND WORKSHOP IN R PROGRAMMING

A two day National Conference on recent innovative trends in Statistics was held at Dept. of Statistics, WMO College. It was scheduled from 25th October 2019 to 26th October 2019. Followed by the conference, department arranged a 3-day workshop in R from 29th October 2019 to 31st October 2019.



The conference was started with a silent prayer followed by a welcome address by Ms.P.Saranya (Assistant Professor, Department of Statistics, WMO College). The conference was inaugurated by Prof.K.Muralidharan, Associate Professor, Department of Statistics, The Maharaja Sayajirao University of Baroda. Prof.Sebastian George(Associate Professor, Department of Statistics, St.Thomas College Pala & Pranab Sen Distinguished Visiting Professor, University of North Carolina,USA) and Prof.K.M.Kurian(Associate Professor in Statistics, St.Thomas College, Pala) were the Chief Guests for the inaugural session.

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Prof.K.Muralidharan interacting with our students

The conference was attended by post graduate students of statistics. Various topics presented in conference are as follows:-

1. STATISTICS, ACTUARIAL SCIENCE AND DATA SCIENCE-Prof.Muhammed Fareed
2. THE FUTURE OF STATISTICAL SCIENCE-Prof.K.Muralidharan
3. STATISTICAL SCIENCE FOR SCIENTIFIC RESEARCH-Prof.Sebastian George
4. A REVISIT TO SOME FUNDAMENTAL TOPICS IN PROBABILITY THEORY-Prof. K.M.Kurian
5. STATISTICAL SIMULATION-Prof.Sebastian George
6. MULTIVARIATE NORMAL DISTRIBUTION AND ITS SIGNIFICANCE IN STATISTICS-Prof.K.M.Kurian
7. THEORY OF INLIERS-Prof.K.Muralidharan

Workshop followed by the conference was a basement in R programming. The topics discussed in workshop and resource persons were as follows:-

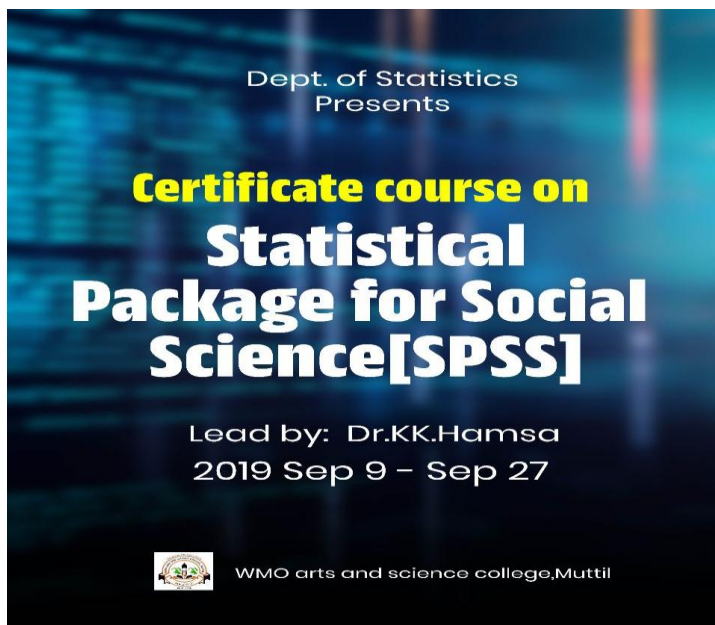
1. Introduction to R programming, Exploratory data analysis, Simulation-Dr.N.Raju
2. Testing of hypothesis, Sampling techniques, SQC problems, R studio and R Markdown-Dr.K.K.Hamza

V. POSITIONS HELD BY FACULTY MEMBERS

- Mr. Shakkeelurahman was appointed as Head of the Department.

VI. CERTIFICATE COURSES

- Certificate course on “ Statistical Package for Social Science (SPSS)” was given to students from 9th September 2019 to 27th September 2019. The course was handled by Dr.KK.Hamsa.



VII. BRIDGE COURSES

- Preparatory courses in statistics and mathematics-Statistics Department introduced a bridge course on “Preparatory course in statistics and mathematics” for the first year students of MSc.statistics. This course was designed with the purpose of introducing the principles and basics of statistics and mathematics to the newly admitted students.