



**Department of Statistics, Mangalore University
and
Mangala Alumni Association (MAA)
Organizes
One Day Workshop on Statistical Consultancy
(16th July 2022)**

ABOUT THE UNIVERSITY

Mangalore University campus at Mangalagangothri, located about 20 km to the south-east of the historic coastal town of Mangalore, sets the tone for the educational endeavours of the three districts under the jurisdiction of the University. It is a picturesque campus that sprawls over 353 acres, overlooking the confluence of the river Nethravathi with the Arabian Sea on one side, and the cloud-capped Western Ghats on the other.

The University campus is a self-contained facility that provides all the essential facilities and infrastructure for the pursuit of excellence in higher education. In the campus, there are three internationally recognized science research centres: (i) Microtron Centre, (ii) Centre for Application of Radiation and Radioisotope Technology (CARRT), (iii) Centre for Advanced Research in Environmental Radioactivity (CARER), which have been established through funding from BRNS, Department of Atomic Energy, Government of India. Under the Department of Science and Technology (DST), Government of India, the special scheme, Promotion of University Research and Scientific Excellence (PURSE) for the development of research infrastructure in Universities, has enabled establishment of state-of-the-art research facilities on the campus.

ABOUT MANGALA ALUMNI ASSOCIATION

Mangala Alumni Association (MAA) is a registered body of more than 25000 former students of Mangalore University, Mangalagangothri. MAA came into existence in the year 2006 with a vision of representing the academic and professional issues of alumni, faculty and students of its alma mater. MAA provides a vibrant forum that promotes interactions and networking of university with an objective to work for the betterment of Mangalore University and students of the university at large.

Over the years, MAA has organized a number of Teacher Competency Development Workshops, Soft Skill Training Programs, Endowment Lectures, Student Counseling Workshops, Voters Awareness Lecture Series, Job Fairs, etc. for the benefit of students and

faculty members of the university and affiliated colleges. MAA instituted a gold medal in the name of its first honorary president late Sri Ananthkrishna. MAA is supporting the university to bridge the gap between the courses offered and availability of jobs, addressing the disparity between autonomous & affiliated colleges of the university and to deal with the challenges of implementation of new education policy.

ABOUT THE DEPARTMENT OF STATISTICS

Department of Statistics was started in 1981, with an objective of providing quality education in the field of Statistics. This department is offering M.Sc, and Ph.D. programmes in Statistics. The former faculty members were received prestigious fellowships, such as Commonwealth Fellowship and Post-Doctoral fellowships to do research in U.K., Canada and Botswana. The department has produced research work in the areas like Inventory Theory, Data Envelopment Analysis, Operations Research, Statistical Inference, Econometrics, Non-parametric regression, Financial Time Series Analysis, Linear and Non-linear models, etc. 34 candidates are awarded Ph D. degree in the department. Around 200 research papers published from the department. The department has organised two GIAN programs inviting Professors from UK and USA.

The Department has received UGC grants under various schemes for offering courses like Computer Application in Statistics and innovative schemes for offering innovative papers such as Statistical Techniques for Data Mining and Stochastic Finance. A well-equipped computer laboratory serves the computational requirements of students, research scholars and faculty members. The curriculum is regularly updated following UGC guidelines and adequate training is provided to the students to enhance their statistical computation skills, data analysis and interpretation skills to suit for the needs of the society. Students of this department have obtained first prize in the national level project competition this year, last year and earlier also.

SIGNIFICANCE OF THE WORKSHOP

Guiding to conduct constructive analysis and research on certain topics is highly relevant because of the requirement of high-quality research and competition that exists in the contemporary world today. Statistical consulting is therefore a necessary for analysing significantly the data in many fields and domains. The proposed consultation varies from problem to problem or project to project and involves the statistician acting as the problem solver by suggesting the appropriate analysis for the problem, or guiding to conduct sample collection, data analyses, and interpreting the findings. In the process of statistical consulting, the consultant also acts as a guide and advisor to the participants.

The key idea behind the program is to enrich the capability of applying quality and suitable Statistical Analysis in their research for Ph.D., writing a research articles or project work and further bring out research output into high quality publications. A panel of Statistics Professors will be the experts to give guidelines and suggestions and they will interact with the participants.

SPECIFIC OBJECTIVES OF THE PROGRAMME:

1. To maintain and enhance knowledge of Statistical applications while dealing with data.
2. To create more awareness about Statistical methods and techniques for research and teaching.
3. To develop capacity for analysing simple to complex data for teaching or research.

LEARNING OUTCOME OF THE PROGRAMME

1. After attending the workshop, the participants will resolve their doubts and/or get directions to carry out the statistical work for their research and which will help them to implement most appropriate analysis in their work.
2. Gain better understanding on how to use Statistical methods in various research work.
3. Design reliable and valid questionnaires for collection of data.
4. Participants will get knowledge on use of univariate, bivariate and multivariate statistical techniques.
5. Participants will get answers to their Statistical doubts and problems.

Eligibility for the Programme:

Any researcher who is faculty, researcher, research scholar, or post-graduate student is eligible to apply. Even if they are not having data right now, they can apply.

Writeup: Participants while registering may upload a writeup on the work they are carrying out and their requirement. The writeup need to have details of the work that includes objectives of the work, problem statements, hypotheses they want to test based on a data and details of the data if they have, variables that measure constructs required for the study, or any other detail (Whatever applicable and whatever is available for your study). Participants may be at any stage of their research or study.

PANEL MEMBERS OF THE WORKSHOP

1. Prof. T. P. M. Pakkala, Adjunct Professor of Statistics, Mangalore University.
2. Prof. Ismail B, Professor and Head, Department of Statistics, Yenepoya (Deemed to be University) Mangalore.
3. Prof. N Balakrishna, Professor, Department of Statistics, Cochin University of Science and Technology, Kochi.
4. Prof. Asha Kamath, Associate Director - PSPH; Professor and Head - Department of Data Science, Manipal University.

PROGRAMME ADVISORY COMMITTEE

Chief Patron

Prof. P.S. Yadapadithaya
Hon'ble Vice-Chancellor, Mangalore University

Patron

Prof. Kishore Kumar C.K. Sri. Dinesh Kumar Alva
Registrar, Mangalore University President, MAA

PROGRAMME ORGANIZING COMMITTEE

Convener

T. P. M. Pakkala
Vice-President, MAA

Organizing Secretary

Prof. Ishwara P
Chairman, Department of Statistics

Members

1. Dr. Parameshwara, Chairman, Department of Commerce.
2. Dr. Chandru Hegde, Chairman, Department of Mathematics.
3. Dr. Vishwanath T, Department of Material Science (Treasurer).
4. Sri. Subrahmanya T, Executive Committee member, MAA
5. Sri. Satyanarayana, Department of Statistics.
6. Dr. Harsha S, Department of Statistics.

Venue: Sri Shrinivas Malya Hall, Management Block, Mangalore University,

Address for applying: Please fill the Registration form using the following link
<https://forms.gle/xxcNB7YGSocMw5B7>

Registration Fee: Nill.

For more details contact: 9448214818 (Prof. T.P.M. Pakkala), 9738915771 (Sri. Satyanarayana).
or email to statconsult.workshop@gmail.com

Date and time of the Programme: 16th July 2022, 9:30am.