



**GSBTM sponsored
Three-Days National Workshop**

on

**“Biostatistics: Leveraging MS Excel for
Research and Analysis”**

Date: 4th to 6th October, 2023



Organized By

Maliba Pharmacy College
Uka Tarsadia University
Bardoli – Mahuva road
Tarsadi, Surat – 394 350

Patron

Dr. Dinesh R. Shah
Provost, UTU

Convener

Dr. Shailesh A. Shah
Director

Co-Convener

Dr. Renu S. Chauhan
Academic Head

Organizing Secretary

Dr. Bhavin A. Vyas
Professor

About the University

Uka Tarsadia University was established in 2011 by Bardoli Pradesh Kelavani Mandal, with an objective of meeting the growing demand for quality education. The university received NAAC accreditation ‘B+’ grade with CGPA of 2.74. The University offers a comprehensive array of academic programs across the disciplines of Management, Commerce, Engineering and Technology, Architecture, Design, Applied Science (Chemistry, Physics, Mathematics, Biotechnology), Computer Science, Microbiology, Pharmacy, Nursing, Physiotherapy, Physical Education and others that lead students to self-enrichment and productive careers in their respective professions, government, business and industry. Located near the town of Bardoli, Gujarat, on a 120-acre land, the university provides educational opportunities to over 10,000 students.

About the Institute

Maliba Pharmacy College, a constituent Institute of UTU, is located in the picturesque campus of Gopal Vidyanagar on Bardoli- Mahuva road. The college is approved by All India Council for Technical Education (AICTE), the Pharmacy Council of India (PCI) and Directorate of Technical Education, Govt. of Gujarat. The college has state-of-the-art infrastructure and instrumental facilities and provides a serene atmosphere for academic excellence. The college houses a voluminous library; classrooms with multimedia facilities, well equipped laboratories CCSEA approved animal house, modern Computer and Language labs. The college has its own sophisticated instruments laboratory for the

characterization and analysis of pharmaceuticals. The college offers B. Pharm., M. Pharm, Pharm. D, Pharm.D (PB) and Ph.D. degree.

About the Workshop

In the rapidly evolving landscape of scientific research and evidence-based decision-making, the role of biostatistics has emerged as an indispensable pillar in the analysis and interpretation of biological and medical data. As we witness an explosion of data in the realms of life sciences, harnessing the potential of these vast datasets has become paramount to uncovering crucial insights, understanding intricate biological phenomena, and fostering the development of ground-breaking medical treatments. The ability to effectively navigate and extract meaningful information from large and complex datasets has transcended from being a mere advantage to an absolute necessity in the pursuit of scientific advancement and informed healthcare choices. In light of the growing significance of biostatistics in the life sciences domain, we proudly present the “Three-Days Hands-on Workshop on Biostatistics Using MS-Excel,” an intensive and immersive program meticulously crafted to empower participants with essential statistical skills and equip them with the ability to harness the full potential of Microsoft Excel for data analysis. This workshop offers an unparalleled opportunity to delve into the captivating world of biostatistics, bridging the gap between theory and practice and fostering a profound understanding of statistical concepts that find wide applications in the fields of biology, medicine, and life sciences.

Who should attend?

Post-graduate Students, Researchers, faculties, and industry professionals from the field of Pharmacy, Biomedical, Bioinformatics, Chemistry, Biotechnology and Applied Sciences are all welcome to participate in the workshop.

Registration Fee: Rs 300/-

Registration is open to maximum 40 participants

*Accommodation will be charged extra

For registration, follow the link or scan QR code:

<http://maliba.edu.in/Event.html>



For any query contact:

Co-ordinators:

Dr. Bhargavi V. Desai (9375684101)

bhargavi.desai@utu.ac.in

Dr. Ditixa T. Desai (9737060016)

ditixa.desai@utu.ac.in

Mr. Praful P. Dedhiya (9924122422)

praful.dedhiya@utu.ac.in

Topics to be covered

Module 1: Types of Data & Exploratory Data Analysis, Descriptive Statistics

Module 2: Probability Distribution

Module 3: Basic concept of hypothesis testing – How to choose suitable test. Statistical Significance

Module 4: One-Sample t-test, Two Independent Sample t-test, Paired t-test, Chi-Square Test

Module 5: Analysis of variance (ANOVA)-one way, two way and designs

Module 6: Correlation & Regression analysis

Eminent Speakers



Dr. V. K. Maurya is a distinguished alumnus of Sagar University, with a postgraduate degree, and holds a doctorate from SGSITS, Indore. He has previously served as the

Principal of Government College of Pharmacy in Aurangabad, Maharashtra, India. With a wealth of experience in the pharmaceutical field for more than 35 years, Dr. Maurya also contributes as a valued Pharma Consultant specializing in formulation development.



Dr. Neha J. Raval is an Assistant Professor of Statistics at Vanita Vishram Women's college of Commerce, Surat. She is a passionate learner of quantitative techniques and have been teaching statistics for more than 10 years. To illuminate the broad applicability of the subject, she have ventured into various domains, including Business Statistics, Biostatistics, Statistical Quality Control, Six Sigma, and the integration of Digital Marketing with an emphasis on analytics.



Dr. Bhavin A. Vyas is an Associate Professor in Department of Pharmacology and Pharmacy Practice at Maliba Pharmacy College, with more than 18 years of research experience in pre-clinical and clinical studies. He holds a Ph.D. in Pharmacology, is proficient in SPSS, JAMOVI and Biostatistics and has authored multiple books and publications. He serves as consultant and biostatistician at various hospitals.