



ST JOSEPH'S UNIVERSITY

36, Langford Rd, Langford Gardens, Bengaluru,
Karnataka 560027

SCHOOL OF PHYSICAL SCIENCES, DEPARTMENT OF STATISTICS

INVITES YOU TO

STATE LEVEL ONE DAY WORKSHOP ON BIOSTATISTICS

OPEN TO ALL FINAL YEAR UG, FIRST AND SECOND YEAR
PG STUDENTS



RESOURCE PERSON

MR. SEBASTIAN
THOMAS

Associate Statistician
Novo Nordisk



SCAN TO REGISTER



DATE

01 OCTOBER 2024



VENUE

ST JOSEPHS UNIVERSITY,
SCIENCE BLOCK, 4TH FLOOR,
ROOM NO: S411



TIME

9:30 AM - 4:30 PM

Dr. Rabbi Akkiba Angiras

DEAN
SCHOOL OF PHYSICAL SCIENCES

Dr. Archana V

HEAD OF DEPARTMENT
STATISTICS - JOINT
COORDINATOR

Ms. Arpita I G

PROGRAM
COORDINATOR

FOR ANY QUERIES CONTACT:



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OBJECTIVE OF THE WORKSHOP

THIS COMPREHENSIVE ONE-DAY WORKSHOP, DESIGNED TO INTRODUCE THE STUDENTS TO THE WORLD OF BIOSTATISTICS WHERE FOUNDATION IN BOTH THEORETICAL AND PRACTICAL ASPECTS OF THE FIELD ARE DISCUSSED. PARTICIPANTS WILL DELVE INTO ESSENTIAL BIOSTATISTICAL CONCEPTS AND TECHNIQUES, WHILE ENGAGING IN HANDS-ON EXERCISES.

PREREQUISITES

STUDENTS ARE EXPECTED TO HAVE PRIOR KNOWLEDGE OF HYPOTHESIS TESTING AND BASIC PROFICIENCY IN R SOFTWARE.

RULES

- THE STUDENTS MUST FILL THE GOOGLE FORM THROUGH THE QR GIVEN.
- STUDENTS MUST CARRY THEIR ID CARDS THROUGHOUT THE WORKSHOP.
- STUDENTS ARE REQUIRED TO BRING THEIR OWN LAPTOPS.
- ATTENDANCE WILL BE RECORDED FOR ALL SESSIONS TO FACILITATE THE ISSUANCE OF CERTIFICATES.
- NON-SJU STUDENTS HAVE TO PAY THE REGISTRATION FEES OF RS. 100/-

WORKSHOP SCHEDULE

Introduction to Randomised Controlled Trials and Study Designs + Case Study

9:00 AM - 10:00 AM

Power and Sample Size Calculation

10:00 AM - 11:00 AM

Tests for Continuous data

11:00 AM - 12:00 PM AND
1:00 PM - 1:45 PM

Tests for Categorical Data

1:50 PM - 3:00 PM

Introduction to Survival Analysis and Cox Regression

3:00 PM - 4:00 PM

Q & A + Feedback

4:00 PM - 4:30 PM



ABOUT ST JOSEPH'S UNIVERSITY

36, Langford Rd, Langford Gardens, Bengaluru,
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ST JOSEPH'S UNIVERSITY IS A JESUIT UNIVERSITY AT THE HEART OF BENGALURU, THE SILICON CITY OF INDIA. ESTABLISHED IN 1882 BY PARIS FOREIGN MISSION FATHERS, THE MANAGEMENT OF THE COLLEGE WAS HANDED OVER TO THE JESUIT ORDER (SOCIETY OF JESUS) IN 1937. THE COLLEGE WAS FIRST AFFILIATED WITH THE UNIVERSITY OF MADRAS AND LATER WITH THE MYSORE AND BANGALORE UNIVERSITIES. IN 1986, ST JOSEPH'S COLLEGE BECAME THE FIRST AFFILIATED COLLEGE IN KARNATAKA TO OFFER POSTGRADUATE PROGRAMS. IN FEBRUARY 2021, THE ST JOSEPH'S UNIVERSITY BILL WAS PRESENTED IN THE KARNATAKA LEGISLATIVE ASSEMBLY AND WAS SUBSEQUENTLY PASSED BY THE LEGISLATIVE ASSEMBLY AND KARNATAKA LEGISLATIVE COUNCIL. THE COLLEGE RECEIVED ITS UNIVERSITY STATUS ON 2 JULY 2022 AND WAS INAUGURATED AS INDIA'S FIRST PUBLIC-PRIVATE-PARTNERSHIP UNIVERSITY BY THE HONORABLE PRESIDENT OF INDIA, SMT. DROUPADI MURMU ON 27 SEPTEMBER 2022.

THE DEPARTMENT OF STATISTICS IN ST JOSEPH'S UNIVERSITY WAS ESTABLISHED IN 2010. THE DEPARTMENT OF STATISTICS IS COMMITTED TO EXCELLENCE IN TEACHING AND EQUIPPING STUDENTS TO BECOME PRACTICING STATISTICIANS. THE DEPARTMENT AIMS TO INSTILL SCIENTIFIC TEMPER, ANALYTICAL SKILLS, AND INTELLECTUAL VIGOR AMONG STUDENTS, SO THAT THEY MAY CONTRIBUTE TO THE NEEDS OF SOCIETY. THE DEPARTMENT AIMS TO PROVIDE STUDENTS WITH LIFE-ORIENTED EDUCATION THROUGH PROJECTS OF SOCIAL RELEVANCE. IN ADDITION TO ACADEMICS, THE DEPARTMENT OF STATISTICS PLACES A STRONG EMPHASIS ON EXTRACURRICULAR ACTIVITIES. STUDENTS ARE ENCOURAGED TO PARTICIPATE IN STATISTICAL CLUBS, COMPETITIONS, AND COMMUNITY SERVICE PROJECTS. THESE ACTIVITIES NOT ONLY ENHANCE THEIR LEARNING EXPERIENCE BUT ALSO HELP IN DEVELOPING LEADERSHIP AND TEAMWORK SKILLS.