



BRIC

**Bioscience Research and
Innovation Centre**



B.S. Abdur Rahman

Crescent

Institute of Science & Technology

Deemed to be University u/s 3 of the UGC Act, 1956

SCHOOL OF LIFE SCIENCES

**B.S. ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE &
TECHNOLOGY, VANDALUR, CHENNAI**

**ONLINE FDP/ CERTIFICATE COURSE ON APPLIED
STATISTICS FOR BIOLOGICAL SCIENCES**



TIME



APRIL 15-21, 2024

03.00 PM - 5 .00 PM

ORGANIZING SECRETARY

DR. S. HEMALATHA

PROFESSOR & DEAN

FACULTY COORDINATOR

DR. KHURSHID ALAM KHAN

ASSOCIATE PROFESSOR

DR. NASEER HUSSAIN

ASSISTANT PROFESSOR

ABOUT THE WORKSHOP

Introduction

This comprehensive one-week workshop is meticulously crafted to provide participants with a profound understanding and skills in statistics, specifically tailored for the field of biosciences. This program delves deep into the realm of biostatistics, covering a wide range of topics from basic concepts and statistical tests to advanced analytical techniques. Participants will engage in hands-on sessions, mastering tools like SPSS and R, and explore a variety of methods such as ANOVA, MANOVA, and Structural Equation Modeling. Each day is dedicated to a specific theme, ensuring a comprehensive understanding and practical application of statistics in bioscience research. This FDP is an opportunity to enhance your analytical skills and confidently navigate the complexities of data interpretation in the evolving world of biotechnology.

Workshop Objectives

- Introduce the fundamentals of statistics
- Teach experimental design, hypothesis formulation, and statistical test selection
- Cover advanced topics like ANOVA, multivariate analysis, and dimensionality reduction
- Focus on complex data analysis using techniques like cluster analysis and structural equation modelling
- Provide hands-on experience with statistical software like SPSS for real-world data analysis

Target Audience

- This workshop is designed for individuals working or studying in Biosciences, including researchers, scientists, graduate students, and professionals seeking to enhance their data analysis skills.

Registration and Fees:

- The last date for registration is **13 April 2024**.
- Fee - Rs. 1000

Registration Link

- <https://forms.gle/41fGeTcYmFoZEZC39>

Account Transfer Details

In favour of

Dean, School of Life Sciences,

Bank name: Indian Overseas Bank (IOB)

Branch: Vandalur, Chennai-600048.

Account number: 165701000019853

IFSC Code: IOBA0001657

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