



**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**



**MAY 15-21, 2024**

**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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