



**Fourth One-week National Workshop on
Statistical Techniques in Biological, Computational and Medical Sciences
STBMS-2024**

**Interactive Lectures & Lab sessions by Experts On
Statistical Tools, Techniques and Their Applications**



**June 10 - 15
2024**

Topics to be covered

- Descriptive and inferential Statistics
- Correlation and Regression
- Hypothesis Testing- Parametric and Non-Parametric Tests
- Principal Component Analysis (PCA)
- One and two way ANOVA
- Factorial Designs and Case Studies on Biological and Biomedical Data
- Bioinformatics, Biomedical and Healthcare Technologies
- Machine and Deep Learning Techniques for AI based case studies
- Hands on Sessions using Excel, SPSS, R and Python

Keynote Speakers

Prof. Amar Nath Gill,
IIIT, Una

Prof. Suresh Sharma,
Panjab University, Chandigarh

Workshop Convener

Dr. Tiratha Raj Singh
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Workshop Coordinators

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About JUIT

JUIT is spread over 25 acres of lush green picturesque slopes of Wagnaghat, in District Solan of Himachal Pradesh, creating a tranquil environment that can heighten the spirit and energy level of all learners and inspire them to optimize their learning efforts.

Jaypee University of Information Technology (JUIT),
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**Centre of Healthcare Technologies and Informatics (CEHTI),
Department of Biotechnology and Bioinformatics &
Department of Mathematics
JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
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▶ **About the Workshop:** Biostatistics has become a defined branch of science that uses an intricate combination of Statistics, Probability, Mathematics and Computation to model and solve real life problems in biological, biomedical and healthcare sciences. It has direct applications in recent potential areas such as bioinformatics and artificial intelligence through machine learning and deep learning techniques. Research in medicine and public health has been both a beneficiary of this new methodology and a source of new problems. It is anticipated that this workshop will help the biologists, biotechnologists, biomedical scientists, computer professionals, medical professionals and students from all these streams to gain insight into statistical analyses. It will also help engineers, mathematicians, statisticians, and computer scientists to explore new dimensions for their academic and research activities.



▶ **Application Procedure:**

Register Here: <https://forms.gle/XNcHN79mC57dLdis9>

Last date of submission of application is May, 31, 2024.

▶ **Registration Fees and Accommodation:**

Registration fee includes all working lunches/tea during the program and registration kit along with study material. Accommodation on sharing basis in JUIT hostels will be facilitated.

REGISTRATION FEE		
PARTICIPANTS	Registration (without Accommodation): by 31 May, 2024	Registration (with Accommodation): by 31 May, 2024
Students (UG/PG)	3000/-	6000/-
PhD Fellows/Research Associates	3500/-	6500/-
Faculty	5000/-	8000/-
Industry/others	6000/-	9000/-

▶ **15th March, 2024** (Registration Opened)

▶ **31st May, 2024** (Registration Closes)

**IGNITED MINDS
INSPIRED SOULS**

