



# **SKILL-BUILDING WORKSHOP**

## **ON**

### **BIostatISTICS AND RESEARCH METHODOLOGY**

### **FOR BIOMEDICAL SCIENTISTS**

**11<sup>th</sup> - 12<sup>th</sup> September, 2025**

**Organized by**  
**Research & Development Cell**  
SGT University

**Knowledge Partner**  
**Biostatistics Consortium**

**Funded by**  
**Department of Health Research (DHR),**  
**Ministry of Health & Family Welfare (MoHFW)**  
Govt. of India



## ABOUT THE WORKSHOP

The Skill-Building Workshop on Biostatistics and Research Methodology for Biomedical Scientists is aimed at enhancing the research skills of biomedical researchers through focused, hands-on training. The two-day program blends conceptual understanding with practical application, guiding participants from formulating precise research questions to analyzing and reporting results. Sessions will cover study design, randomization, and sampling techniques using SPSS and R, along with descriptive analytics, data visualization, and approaches to handle missing values and outliers. Participants will also learn advanced sample size estimation and explore inferential and multivariate methods such as ANOVA, non-parametric tests, correlation, and regression. The workshop emphasizes experiential learning through real-world datasets, group exercises, and capstone projects, ensuring participants practice end-to-end research workflows. The program concludes with guidance on writing statistical results for publications, aligned with international standards. By the end, participants will be equipped with essential analytical skills for high-quality, impactful biomedical research.

## ABOUT THE SGT UNIVERSITY

Shree Guru Gobind Singh Tricentenary (SGT) University, Gurugram is a premier educational institution promoted by the Dashmesh Educational Charitable Trust and established under the Haryana Private Universities (Amendment) Act No. 8, 2013. The university is the result of a visionary movement that began with the founding of SGT Dental College in 2002, inspired by the teachings of the revered Shree Guru Gobind Singh Ji — a great philosopher and social reformer who believed that “Spread of Learning is the Best Service to Mankind.” Recognized by the University Grants Commission (UGC), SGT University is committed to advancing research, innovation, and multi-disciplinary education. Located on the outskirts of Gurugram, the university’s lush 70-acre campus offers a serene and resource-rich environment ideal for academic and professional growth. With 19 faculties offering over 200 undergraduate, postgraduate, and Ph.D. programs, the university is a hub of diverse academic pursuits. SGT University’s dedication to academic excellence and holistic development has earned it a prestigious NAAC A+ accreditation, making it one of the youngest institutions in India to achieve this distinction.

## ABOUT RESEARCH & DEVELOPMENT CELL

The Research and Development (R&D) Cell nurtures the research culture at the University, especially in emerging and challenging areas across all disciplines. The focus is on expanding the scope and impact of undergraduate/postgraduate research by creating research & development opportunities at different levels and nurturing intra- & inter-institutional research collaborations. The University promotes shared responsibility for the ethical conduct of research & compliance and encourages quality research at par with international standards. The R&D Cell is committed to supporting research and revising the guidelines/policies to keep pace with the changing research trends worldwide. The vision of the R&D Cell is to build the best ecosystem by promoting research and developing knowledge, thereby contributing to the well-being of society at large, besides, fostering innovation and entrepreneurship.

## ORGANISING COMMITTEE

### CHIEF PATRON

**Padma Bhushan Shri Ram Bahadur Rai**

Hon'ble Chancellor SGT University

### PATRON

**Smt. Madhupreet Kaur Chawla**

Chairperson  
SGT University

**Sh. Manmohan Singh Chawla**

Managing Trustee  
SGT University

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**Prof. (Dr.) Abha Singh**

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SGT University

### CONVENER

**Prof. (Dr.) Shalini Kapoor**

Director, R&D Cell, SGT University

### ORGANIZING SECRETARY

**Dr. Kunal**

Associate Professor & Deputy Dean, R&D Cell  
SGT University

### ORGANIZING TEAM

**Dr. Chandra Mouli Pandey**

Dy. Dean, R&D Cell

**Dr Renuka Sharma**

Dy. Dean, R&D Cell

**Dr. Navjot Kaur**

Dy. Dean, R&D Cell

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Assistant Professor, FAHS

**Dr. Kusum Yadav**

Assistant Professor, FAHS

**Ms. Priyanka Aswal Rawat**

Assistant Professor, FAHS

**Dr. Charu Khurana**

Assistant Professor & In-charge  
Centre for Adv. Biostatistics

**Ms. Jyoti Tiwari**

Assistant Professor, FCAM

## GUEST SPEAKERS



**Dr. Abhaya Indrayan**  
President,  
Biostatistics Consortium



**Dr. Gayatri Vishwakarma**  
General Secretary,  
Biostatistics Consortium



**Dr. Rajeev K Malhotra**  
Sr. Scientist, AIIMS,  
New Delhi



**Dr. Nitin Sinha**  
Professor, RML Hospital,  
New Delhi



**Dr. Sudha Chandelia**  
Professor, RML Hospital,  
New Delhi

## REGISTRATION GUIDELINES

- There is no registration fee for attending the workshop. However, participants must ensure full attendance on both days and for all sessions.
- The workshop is open to faculty members and PhD scholars. Selection will be on a first-come, first-served basis, as seats are limited.
- Participants are required to bring their own laptops for the sessions.
- Prior registration is compulsory for participation in the workshop.
- The last date for registration is 8th September 2025.

## REGISTRATION LINK

<https://forms.gle/M6JF1A3CLE2BnYFz7>

## FOR ANY QUERY, PLEASE CONTACT

Email ID: [deanresearch@sgtuniversity.org](mailto:deanresearch@sgtuniversity.org)

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