



# Workshop on Biostatistics Hands On SPSS Training 5 Days



Date: March 23<sup>rd</sup> to 27<sup>th</sup> 2026 Time: 11:00am – 4:00pm (In Person)

Organized By PKG Medical College and International Institute of Innovation and Technology (IIT), DH6/24, DH Block, Street No 03 -0317, Newtown Kolkata-700156

Last Date of Registration: 09.03.2026

Registration Fees: 2000/- (Incl. GST)

\*\*Limited Slots

Mode of Payment –QR/Bank Transfer. Click on the link

<https://forms.gle/qjVDZfY8LzyPbprM8>

**Who can Apply:** Medical Students (MBBS/MD/MS), Biomedical Researchers, Ph.D. enrolled candidates

\*\* Laptops should be carried by all

## Objectives

- The workshop intends to train researchers in basic tools of research in Biology, Social Sciences and Medical Sciences.
- The course will help them work with real-life data.
- The course highlights include training in summarizing, presenting and analyzing data using statistical software (SPSS, Trial Version) and drawing inference from the analysis.

## Workshop Topics

- **Descriptive Statistics**
- **Hypothesis Testing:** Formulation and concepts; *t-test*, *Chi-square*, *Odds Ratio*, *ANOVA/ANCOVA*, *MANOVA/MANCOVA* (one- & two-way), non-parametric methods
- **Association & Prediction:** Correlation, regression, binary logistic regression, ROC analysis
- **Advanced Analyses:** Survival analysis (Cox regression), factor analysis, cluster analysis.

TA/DA and Accommodation will not be provided. Tea & Snacks and Lunch will be provided during the workshop days.

Certificates will be provided upon course completion

## Organizers

**Chairperson**  
Dr. Pradip Kumar Ghosh

**Secretary**  
Prof.(Dr.) Subhash Chandra Biswas

**Convenor**  
Prof. (Dr.) Saheli Misra

## Resource Persons

**Dr. Baidyanath Pal**  
Assistant Professor  
PKG MCH, Former  
Associate Scientist  
at Indian Statistical  
Institute

**Dr. Arkaprovo Pal**  
Assistant Professor,  
PKG MCH

## Coordinator

**Dr. Puspen Ghosh**  
Public Health  
Coordinator, PKG MCH

## Contact Persons

Dr. Swagata Sarkar  
Postdoctoral Fellow  
(+91-8335934065)

Dr. Ananya Ghosh  
Research Scientist  
(+91-9230982508)

## Email

pkgworkshop2026@gmail.com