



# National Workshop Series on R, GIS, SRMA, and QDA



Department of Community Medicine & SPH, PGIMER, Chandigarh, India  
In Collaboration with

Association for Health Systems Analysis and Strengthening (AHSAS), Chandigarh  
ICSSR, NWRC, Panjab University, Chandigarh

## About the Workshop series

Welcome to the "National Workshop Series 2023" at PGIMER Chandigarh. Following workshops have been planned to improve the research skills of young students and researchers across the country. CME credits will be awarded to the participants who attend the workshop in physical mode.

**Seats:** Offline: 25; Online: 50 (first-cum-first served basis)

**Fees per workshop:** Offline: 5000\* INR; Online: 2000 INR

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- **R for Data Analysis in Public Health and Medicine**  
January 27-29, 2023 (Hybrid mode)
- **Systematic Review & Meta-analysis**  
February 24-26, 2023 (Hybrid mode)
- **Application of GIS in Public Health**  
March 24-26, 2023 (Hybrid mode)
- **Qualitative Data Analysis**  
April 28-30, 2023 (Hybrid mode)
- **Essentials of Manuscript Writing (5 Days Floating)**

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Account Name: National Workshop cum CME on HSS  
Account No: 3527981681  
Bank Branch: SBI Medical Institute, Chandigarh  
(IFSC Code: SBIN0001524)



## By the end of this course, learners will gain the knowledge and skills to:

- Familiar with Software packages: R, QGIS, RevMan, STATA, Mendeley, VOSviewer
- Project building, Sample size calculation, Study/protocol design, PROSPERO registration
- Data discovery, data import, cleaning, exploration (basic functions), and interpret
- Describe dataset from scratch, using descriptive, and inferential statistics
- Apply appropriate methods to formulate and examine statistical associations between variables within a data set (Linear regression, Logistic regression, Spatial Regression)
- Preparing a manuscript for scientific publication using the above techniques

## Course Administrators:



**Organizing Chairperson**  
Prof. Arun K Aggarwal  
Professor and Head  
DCM & SPH, PGIMER  
Chandigarh



**Prof. Sanjay Kaushik**  
Honorary Director  
ICSSR NWRC  
Panjab University  
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**Organizing Secretary**  
Dr. Bijaya Kumar Padhi  
Assistant Professor  
DCM & SPH, PGIMER  
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## Organizing Faculty

**Dr Kapil Goel**, Asst. Prof.,  
DCM&SPH, PGIMER, Chandigarh

**Dr V Rajagopal**, Asst. Prof.,  
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**Dr Tanvi Kiran**, Asst. Prof.,  
DCM&SPH, PGIMER, Chandigarh