



# TWO-DAY ONLINE CERTIFICATE FDP/WORKSHOP TECHNICAL SERIES WORKSHOP-I (2026)

**BEYOND 0 AND 1: TRANSFORMING PRE-POST BINARY DATA INTO PUBLISHABLE EVIDENCE  
HANDS-ON ANALYTICAL TECHNIQUES ON R FOR SCOPUS-INDEXED JOURNALS**

Organised by

**School of Public Health,  
SRM Institute of Science and Technology (SRMIST)  
Kattankulathur, Chengalpattu, Tamil Nadu, India.**

**With Media Partner: IndianResearcher.com**



**14**  
FEB  
2026

&

**21**  
FEB  
2026

**Certification: Participants who attend both days will receive an e-certificate of participation**

**Mode: Online Time: 10:00 AM – 1:00 PM (IST)**

**Registration Fee Rs 300/-**

**link for workshop registration <https://forms.gle/prLk5XGarcXqZcv7>**

**RStudio (No prior experience in R required)**

**Click  
Here**

## Dates & Schedule

**Day 1: Conceptual foundations & data requirements: Theory-focused, decision logic, manuscript expectations.**

**Day 2: Hands-on practical session in R: applied analysis, interpretation, figures, and reporting.**

## About the School of Public Health

Established in 2007, the School of Public Health, SRMIST is a premier institution offering Master in Public Health (MPH), Health Data Science(M.Sc HDS), and Biostatistics & Epidemiology (M.Sc Bio & Epi), MPH Integrated and PhD with a strong emphasis on research, experiential learning, and career readiness.

**School Website: <https://www.srmist.edu.in/srm-school-of-public-health/>**

**Admissions (UG): <https://applications.srmist.edu.in/srmhs>**

**Admissions (PG): <https://applications.srmist.edu.in/hspg>**



**NAAC**

**A++**



**Category 1  
with I2B Status**



**NATIONAL  
INSTITUTIONAL  
RANKING  
FRAMEWORK**

**(2025)  
Ranked 11<sup>th</sup> University**



**(2026) World Ranking  
one among 54 Indian Universities**



**WORLD  
UNIVERSITY  
RANKINGS**  
THE  
TIMES  
HIGHER  
EDUCATION

**(2025) World Ranking  
one among 91 Indian Universities**



**SHANGHAI  
RANKING**

**(2025) World Ranking  
Ranked 8-9 in Indian Universities**

**nature  
INDEX**

**(2025) World Ranking  
one among 18 Indian Universities**



**(2024) World Ranking  
one among 3 Indian Universities**

## About the FDP

Pre-post study designs using binary outcomes (Yes/No, Correct/Incorrect, Improved/Not Improved) are widely used in public health and social science research, yet are often misanalysed and poorly reported. This two-day online certificate FDP is designed to help researchers move beyond simple mean/median comparisons and transform pre-post binary data into statistically sound, publication-ready evidence, aligned with expectations of Scopus-indexed journals.

**Who Should Attend:** Public health, social sciences, psychology, education, and allied disciplines, Faculty members, PhD scholars, undergraduate and postgraduate students, early-career researchers, professionals working on intervention, evaluation, or program data.

## What You Will Learn

- Prepare raw pre-post binary data for analysis
- Create item-level, domain-level, and total scores
- Choose and justify appropriate non-parametric tests
- Conduct within-group and between-group comparisons
- Compute gain scores and confidence intervals
- Perform item-wise pre-post analysis
- Calculate and interpret effect sizes
- Develop publication-quality tables and figures
- Write clear, Scopus-ready methods and results sections

## Resource Persons & Organising Team



**Dr. Hari Singh**  
DEAN,  
School of Public Health  
SRMIST



**Dr. Suman Kanougiya**  
Associate Professor,  
School of Public Health  
SRMIST

[sumank1@srmist.edu.in](mailto:sumank1@srmist.edu.in)  
 +91 9920577638



**Dr. Dhivya K**  
Assistant Professor,  
School of Public Health,  
SRMIST

[dhivyak@srmist.edu.in](mailto:dhivyak@srmist.edu.in)  
 +91 9841237952