



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)



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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](https://www.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/prLk5XGarcXqZcvs7>

RStudio (No prior experience in R required)



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>

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



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