SANKHYATRAYA SCIENCE AND RESEARCH ASSOCIATION

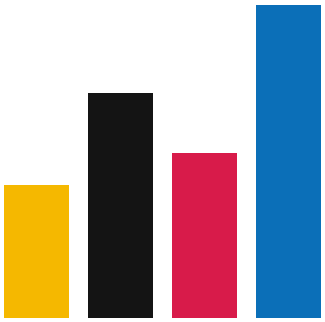
PRECISION IN NUMBERS, PURPOSE IN VISION · ESTD. 2025

SSRA is an independent, not-for-profit research organisation in biostatistics, epidemiology and public health, established under Section 8 of the Indian Companies Act, 2013, in New Delhi. Through research, training and mentoring, we help researchers turn clinical and population data into reliable evidence.

CERTIFICATE PROGRAMME

BIOSTATISTICS WITH R

From statistical concepts to reproducible medical research: hands-on training for researchers in medicine, public health and the life sciences.



72	18	Online	12 Dec
LEARNING HOURS	WEEKS · 4 HOURS/WEEK	LIVE, INTERACTIVE	BATCH STARTS, 2026

WHO SHOULD JOIN

- Medical postgraduate students
- PhD scholars and faculty members
- Clinical researchers
- Public health professionals
- Life science researchers

YOU WILL LEARN TO

- Clean and visualise research data in R
- Choose the right test for your design
- Fit linear and logistic regression models
- Analyse survival and epidemiological data
- Produce publication-ready tables
- Write reproducible reports in Quarto

WHY RESEARCHERS CHOOSE THIS PROGRAMME

Learn by doing, every session
Each 2-hour session pairs a clear concept with a live R demonstration and a guided hands-on exercise.

Real medical research data
Practise on maternal health, NCD, clinical trial and survival datasets, just as in your own studies.

Publication-ready results
Produce the tables, figures and write-ups that journals and thesis committees expect.

Mentored project and certificate
Complete your own guided analysis and earn an SSRA certificate of completion.

LEARN ONE TOPIC ONLY? Enrol in **any one of the 12 modules** from ₹699, with 4 months' view-only access to its materials. Save 20% with its own code, e.g. **PROB20OFF** for Module 5.

EARLY BIRD · 1–20 NOVEMBER 2026

Fees from ₹7,999 · Batch starts 12 December 2026 · Max. 30 seats

First 10 registrations: extra 20% off · code FLAT20OFF

REGISTER · SSRA.ORG.IN

BIOSTATISTICS WITH R · CERTIFICATE PROGRAMME

THE 12-MODULE CURRICULUM

01	Foundations and research design	2×2h
02	Introduction to R and RStudio	3×2h
03	Data management and cleaning	3×2h
04	Descriptive statistics and graphics	3×2h
05	Probability and sampling	3×2h
06	Estimation and hypothesis testing	4×2h
07	Comparing groups	3×2h
08	Correlation and linear regression	3×2h
09	Logistic regression	3×2h
10	Survival analysis	2×2h
11	Epidemiology and clinical applications	2×2h
12	Reproducible reporting and project	5×2h

YOUR LEARNING KIT

- Participant handbook
- R practical manual
- 41 ready-to-run R scripts
- 4 datasets + dictionaries
- Recordings of every session
- Quizzes and mentored project

ASSESSMENT

Final research project	35%
R programming assignments	20%
Method selection and interpretation	20%
Data management and visualisation	15%
Weekly quizzes	10%

CERTIFICATE OF COMPLETION

- Minimum overall score of 60%
- Minimum attendance of 75%
- All practical assignments submitted
- Final project completed satisfactorily

36 two-hour live sessions. View-only materials and recordings for 4 months after each module; renewable at 20% (module) or 30% (full course) of the fee paid.

FEES

CATEGORY	EARLY BIRD	REGULAR
Students (UG / PG / PhD)	₹7,999	₹8,999
Faculty, researchers, professionals	₹10,999	₹11,999
Researcher Plus (extra mentoring)	—	₹14,999

Early-bird rates apply to registrations from 1 to 20 November 2026. Regular rates from 21 November. Registrations close 9 December 2026.

GROUP OFFER · 4 OR MORE

Students (UG / PG / PhD)	₹5,999 each
Faculty and professionals	₹8,999 each

Same cohort, registered together. Valid student ID required.

Launch offer: 20% off any fee for the first 10 registrations with code FLAT20OFF

HOW TO REGISTER

1. Register online at ssra.org.in (Register tab): full programme or any one module.
2. First 10 registrations: enter code FLAT20OFF for 20% off any fee.
3. Pay securely online in the registration form. Registrations close 9 December.

www.ssra.org.in

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