

Workshop Objectives

This online course in Health Research Methods including Epidemiology and Biostatistics has 2 introductory modules and 5 substantive modules. Completion of quizzes at the end of introductory modules is mandatory prior to continuing to the substantive modules. The course introduces research methods, epidemiological designs, and statistical analyses in relation to health sciences. The course aims to integrate theory and application in epidemiology, clinical medicine, public health, nutrition, and biostatistics.

- ◆ The course is designed to address each study design using a specific example
- ◆ The study designs and associated biostatistical methods will be dealt with together such that the knowledge gap in adopting a statistic to a study design will be addressed
- ◆ The total duration is about 50 hours

Who should attend

We have a separate 8-day, face-to-face course called EpiBio, conducted once a year.

This online course however is for those who cannot attend that in-person course but are able to learn Health Research methods remotely.

It is planned for faculty and postgraduate medical/nursing/allied health sciences students, PhD students (in any life sciences), post-doctorates and others associated with health research.

No prior knowledge of research methods or statistics is required.

Organization and delivery

Course faculty will be from St. John's Medical College & Research Institute.

All course material will be provided.

The course may be completed within 1.5 months.

Registration

Registration is now open. The tuition fee for participants from within India is outlined in the front panel of this brochure; the fee for participants from outside India is 200 US dollars (all inclusive). Students must submit proof of current registration as a student in an university.

Filled registration form (www.sjri.res.in) can be submitted with course fee transaction receipt.

Please visit www.sjri.res.in

Ph: 080-49467030

ICMR Collaborating Centre of Excellence [CCoE]

For further enquiry and registration, contact:

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St. John's Research Institute (SJRI)
St. John's National Academy of Health Sciences,
Bangalore – 560034

Epidemiology and Biostatistics Fundamentals - Online

(EpiBioFunda Online)

Dates (Online course):
1st Mar — 15th Apr 2025



Tuition fee:

Before 20th Feb 2025: Rs 5,000/- (for students) and Rs 8,000/- (for others)

After 20th Feb 2025: Rs 7,500/- (for students) and Rs 10,000/- (for others)

[plus 18% GST applicable on all fees]

For International participants: \$200 (Two hundred US dollars), all inclusive

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Epidemiology and Biostatistics Fundamentals — Online

(EpiBio Funda Online)

	Module 1	Module 2	Module 3	Module 4	Module 5	Module 6	Module 7
Theme	Introduction	Introduction	Descriptive/ Cross-sectional	Experimental Study	Case-control/ Cohort Study	Miscellaneous	Miscellaneous
Session 1	Health Research Methods	Questionnaire Design	Descriptive Study	Experimental Study	Cohort Studies	Intro to Regression Analysis	Disease Screening
Session 2	Intro to Epi – I (Epi Real-time)	Intro to Epi – II	Study Formulation	Trial Formulation, Randomization & Masking	Case-Control Stud- ies	Intro to Qualitative Research	Systematic Review/ Grading Evidence
Session 3	Intro to Biostatistics – I	Intro to Biostatistics – II	Sample Size	Sample size	Sample size	Non-randomized trial designs	Scientific Writing
Session 4	Literature Review	Sampling Technique	Quality Control in Data Collection	Chi-square & Correlation	Epidemiology Exercises	Non-parametric statistics	Reference Management (Real-time)
Session 5	Design of Research Protocol	Testing of Significance	Epidemiology Exercises	Regulatory & Ethical Issues; Budgeting (Real-time)	Comparison of Means	Intro to Word processing	
Session 6	Intro to Data Management	Intro to SPSS	SPSS (Biostat Real Time)	SPSS (Biostat Real-time)		SPSS (Biostat Real-time)	

Course duration = 6 weeks

