

Workshop Objectives

This online course in Epidemiology and Biostatistics has 2 introductory modules and 5 substantive modules. Completion of quizzes at the end of the 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, 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 sessions will be delivered in two formats: real-time sessions are live sessions (for which the timings will be intimated in advance); and the other sessions are pre-recorded videos

Who should attend

This workshop is primarily planned for faculty and postgraduate medical/allied health sciences students, PhD students, post-doctorates and others associated with health research.

No prior knowledge of research methods or statistics is required.

Organization and delivery

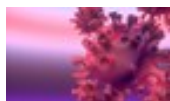
Course faculty will be from St. John's Medical College & Research Institute. All course material will be provided.

Registration

Registration is now open.

Filled registration form (www.sjri.res.in) can be submitted till 7th October 2020. Payment for registration is accepted via credit card, debit card, net banking or through bank transfer. The course will be open from the 1st to the 30th of October 2020. Please visit www.sjri.res.in

- ◆ **THIS YEAR —> owing to the COVID crisis, there will be no face-to-face course**



Be Aware – Be Safe

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 for Synopsis submission (Rapid EpiBio)

Dates:

Online course: 1st—30th October 2020



Tuition fee:

Before 30th Sept 2020: Rs 5,000/- (for faculty) and Rs 4,000/- (for students)
Late entry till 7th Oct 2020: Rs 8,000/- (for faculty) and Rs 5,000/- (for students)
[plus 18% GST applicable on all fees]

E-mail: epibio@sjri.res.in

Epidemiology and Biostatistics for Synopsis submission *(Rapid EpiBio)*

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

Real-time sessions are Live sessions (timings for which will be communicated in advance; all other sessions will be recorded sessions)

