

Workshop Objectives

This hybrid course in Epidemiology, Biostatistics and Demography has an online introductory component spread over 2 weeks prior to the start of the course and an intensive 8-day face-to-face component. Completion of quizzes at the end of online phase is mandatory prior to attending the face-to-face course. The course aims to integrate theory and application in epidemiology, medicine, population health biostatistics and demography.

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.

Accommodation

Participants will have to bear their own travel and accommodation expenses. Accommodation inside St. John's campus can be arranged on request.

E-mail: epibio@sjri.res.in

Guest lectures by eminent researchers will be included. All course material will be provided. The participants must bring a laptop of their own. The workshop will use a variety of teaching-learning methods. These include lectures, quizzes, group work, participant presentations, hands-on training using SPSS/Excel, one-to-one discussions and self-directed study.

Registration

Filled registration form (www.sjri.res.in) should be submitted by 15th July, 2018.

Workshop fee includes tuition fee and workshop expenses (meals is optional). Fee is to be paid along with the registration form by:

♦ by NEFT [beneficiary name: St. John's Research Institute; bank name: Bank of Baroda; beneficiary's bank A/c #: 05210100024920; branch: John Nagar, St. John's Medical College, Bangalore-560034; IFSC code: BARB0STJOHN (5th digit zero)]

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

Theory and Practice of Epidemiology and Biostatistics (EpiBio)

Hybrid course (online & face-to-face)

Dates:

Online course: 15th – 26th July 2018

On-site course: 31st July – 9th Aug 2018



Venue: St. John's Research Institute,
Bangalore, India

Tuition fee:

Before 15th July: Rs. 8,500/- (for students) &
Rs 12,500/- (for faculty)

After 15th July: Rs 12,500/- (for students) &
Rs 17,500/- (for faculty)

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Online course (15th –26th July 2018):

Health research methods, Introduction to Epidemiology I, Introduction to Biostatistics I, Design of Study Protocol, Review of Literature & Questionnaire Design

EpiBioDem

On-site course: 31st July — 9th Aug 2018

		TUESDAY (31 st)	WEDNESDAY (1 st)	THURSDAY (2 nd)	FRIDAY (3 rd)	SATURDAY (4 th)	(5 th)	MONDAY (6 th)	TUESDAY (7 th)	WEDNESDAY (8 th)
Theme	Introduction		Descriptive/Cross-sectional study		Experimental Study	Case-control/Cohort		Miscellaneous	Presentations	Miscellaneous
9:00-9:30		Faculty and participants Introduction	Review & feedback	Review & feedback	Review & feedback	Review & feedback		Review & feedback	Review & feedback	Review & feedback
Morning		Overview & Pre-test	Descriptive Study	Sample Size	Experimental Study	Cohort Study	SUNDAY	Intro to Regression analysis	Group 1 presentation	Qualitative Research
		Introduction to Epidemiology – I							Group 2 presentation	
10:45-11:00		Tea	Tea	Tea	Tea	Tea		Tea	Tea	Tea
Pre-lunch		Intro to Biostatistics - II	Study Formulation	Quality Control in Data Collection	Clinical Trial-Formulation/GCP	Case-Control Study		Using Word Processor	Group 3 presentation	Scientific Reporting
			Sampling Technique	Epidemiology Exercises	Randomization & Masking			Non-randomized trial designs	Group 4 presentation	Reference Management
12:45-1:45		LUNCH	LUNCH	LUNCH	LUNCH	LUNCH		LUNCH	LUNCH	LUNCH
Post-lunch		Intro to Epi - II	Epidemiology Exercises	Chi-square & Correlation	Randomization Exercises	Epidemiology Exercises		Disease Screening	Group 5 presentation	Valedictory
					Sample size	Sample size				
3:00-3:15		Tea	Tea	Tea	Tea	Tea		Tea	Tea	
Post-tea		Practicals	Testing of Significance	Regulatory & Ethical Issues; Budgeting	Comparison of Means	Group-work planning		Non-parametric statistics	Systematic Review/ Grading Evidence	
Evening		Practicals	Practicals	Practicals	Practicals		Practicals			

Additional 1-day Demography course will continue on 9th Aug 2018. Details on SJRI website—www.sjri.res.in

DEMOGRAPHY

	THURSDAY (9TH)
Morning	Intro to Demography (PM)
	Distribution/composition of populations (PM)
10:45-1:00	Tea
Pre-lunch	Health Indicators (AJ)
	MCH & Family Welfare Indicators (AJ)
12:45-1:45	LUNCH
Post-lunch	Standardization Exercises (SS)
	Demography + Epidemiology exercises (PM)
3:45-4:00	Tea