

Workshop Objectives

This intensive 9-day course in Epidemiology and Biostatistics 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 workshop 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
- ◆ Hands-on experience for both designing a study and performing statistical analysis will be provided

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. Guest lectures by eminent researchers will be included. All course material will be provided. The participants may bring a laptop of their own.

The workshop will use a variety of teaching-learning methods. These include lectures, group work, participant presentations, hands-on training using SPSS/Excel, one-to-one discussions and self-directed study.

Registration

Filled registration form should be submitted by 30th June, 2016.

Workshop fee covers tuition, workshop material, and meals for all days. It is to be paid along with the registration form by:

- ◆ demand draft (DD) drawn in favour of St. John's Research Institute, Bangalore or
- ◆ 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, Koramangala, Bangalore-560034; IFSC code: BARB0STJOHN (5th digit zero)]

Accommodation

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

For further enquiry and registration, contact:

Dr Prem K. Mony, MD
Course Director
Head, Division of Epidemiology & Population Health
St. John's Research Institute

Dr Tinku Thomas, PhD
Course Coordinator
Biostatistics Unit
St. John's Research Institute

E-mail: epibio@sjri.res.in

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

Theory and Practice of Epidemiology and Biostatistics (EpiBio)

Dates: 11–20 July 2016



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

Workshop fee:

Before 30 June: Rs. 9,000/- (nine thousand)
After 30 June: Rs 10,000/- (ten thousand)

E-mail: epibio@sjri.res.in

EpiBio course: 11th— 20th July 2016

	MONDAY (11 th)	TUESDAY (12 th)	WEDNESDAY (13 th)	THURSDAY (14 th)	FRIDAY (15 th)	SATURDAY (16 th)	17 th	MONDAY (18 th)	TUESDAY (19 th)	WEDNESDAY (20 th)
Theme	Introduction		Descriptive/Cross-sectional study		Experimental Study	Case-control/Cohort		Miscellaneous	Presentations	Miscellaneous
9:00-9:30	Registration & Inauguration	Review & feedback	Review & feedback	Review & feedback	Review & feedback	Review & feedback		Review & feedback	Review & feedback	Review & feedback
Morning	Orientation to Indian Health Scenario	Intro to Biostatistics - II	Descriptive Study	Sample Size	Experimental Study	Cohort Study	S U N D A Y	Intro to Regression analysis	Group 1 presentation	Regulatory & Ethical Issues; Budgeting
	Introduction to Adult Learning								Group 2 presentation	
10:45-	Tea	Tea	Tea	Tea	Tea	Tea		Tea	Tea	Tea
Pre-lunch	Health Research Methods	Intro to Epi - II	Study Formulation	Quality Control in Data Collection	Clinical Trial-Formulation/ GCP	Case-Control Study		Using Word Processor	Group 3 presentation	Scientific Reporting
	Intro to Epi - I		Sampling Technique	Epidemiology Exercises	Randomization & Masking			Non-randomized trial designs	Group 4 presentation	Referencing
12:45-1:45	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH		LUNCH	LUNCH	LUNCH
Post-lunch	Intro to Biostatistics - I	Literature Review	Epidemiology Exercises	Chi-square & Correlation	Randomization Exercises	Epidemiology Exercises		Disease Screening	Systematic Review/ Grading Evidence	Valedictory
					Sample size	Sample size				
3:00-3:15	Tea	Tea	Tea	Tea	Tea	Tea		Tea	Tea	
Post-tea	Design of Study Protocol	Questionnaire Design	Testing of Significance	Qualitative Research	Comparison of Means	Group-work planning		Non-parametric statistics	Applied Health Research	
Evening	Practicals	Practicals	Practicals	Practicals	Practicals		Practicals			

Additional 1-day Demography course will continue on 21st July 2016. Details on SJRI website—www.sjri.res.in



Theory and Practice of Epidemiology & Biostatistics (EpiBio) 2016

St John's Research Institute, Bangalore 560034

11– 20 July 2016



Registration Form

Name of Participant			
Designation			
Name of the Institution			
Contact Address			
Telephone number			
Email ID			
Accommodation required (Yes/No)			
(If yes, please tick choice)	Within Campus		Outside Campus
	(non-A/c) Approx Rs 800/Day	(A/c) Approx Rs 2000/Day	(A/c) -- Approx Rs 3000/day
Agreeable to sharing room (Yes/No)			
Food preference (Veg/Non-veg)			
Reason for interest in the workshop			
Two main expectations from the workshop	1. 2.		
Any other information which you would like to share			
Will you bring your own laptop	Yes () / No ()		

Important notes on registration:

1. A separate registration form needs to be filled for each participant
2. Participants wishing to attend the 1-day demography course need to pay additional Rs 1000/- towards registration fee
3. Participants who wish to bring own lunch during the course can pay Rs 2500/- less towards the fee
4. For further clarification kindly contact Jeeva, Telephone: 080- 49467000 Ext -7030.

Contact for further enquiry:

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Head, Division of Epidemiology & Population Health
St. John's Research Institute
Bangalore – 560034

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