Workshop Objectives

This hybrid course in Epidemiology and Biostatistics has an online introductory component spread over 1 week 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 introduces Research Methods, Epidemiological Designs, and Statistical Techniques in relation to health sciences.

The course aims to integrate theory and application of 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

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. 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 Excel/Jamovi, one-to-one discussions and self-directed study.

Registration

Filled registration form (www.sjri.res.in) should be submitted by 14th Nov 2023.

Workshop fee includes tuition fee and workshop expenses. 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: BARBOSTJOHN (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 Co-Director
Head, Dept of Biostatistics
St. John’s Medical College

Dr Kavya R, MPH
Course Coordinator
St. John’s Research Institute
080-49467030

E-mail: epibio@sjri.res.in

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

Theory and Practice of Epidemiology and Biostatistics (EpiBio)

Hybrid course (online & face-to-face)

Dates:

Online course: 15th — 20th Nov 2023
On-site course: 21st — 29th Nov 2023

Venue: St. John’s Research Institute, Bangalore,
Tuition fee:
Before 14th Nov: Rs. 8,500/- (for students) & Rs 12,500/- (for faculty)
After 14th Nov: Rs 10,500/- (for students) & Rs 17,000/- (for faculty) [plus 18% GST applicable on all fees]

[USD 250/- all incl. for foreign candidates]

E-mail: epibio@sjri.res.in
**Online course (15th – 20th Nov 2023):**
Health Research Methods, Introduction to Biostatistics I, Design of Study Protocol, Review of Literature & Questionnaire Design

**On-site course: 21st — 29th Nov 2023**

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<th>Theme</th>
<th>Introduction</th>
<th>Descriptive/Cross-sectional study</th>
<th>Experimental Study</th>
<th>Case-control/Cohort</th>
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<tr>
<td><strong>9:00-9:30</strong></td>
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<td>Review &amp; feedback</td>
<td>Review &amp; feedback</td>
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<tr>
<td><strong>Morning</strong></td>
<td>Overview</td>
<td>Descriptive Study</td>
<td>Sample Size</td>
<td>Experimental Study - 1</td>
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<td><strong>10:45-11:00</strong></td>
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<td><strong>Pre-lunch</strong></td>
<td>Intro to Biostatistics - II</td>
<td>Study Formulation</td>
<td>Quality Control in Data Collection</td>
<td>Experimental Study - 2</td>
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<td><strong>12:45-1:45</strong></td>
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<td><strong>Post-lunch</strong></td>
<td>Intro to Epi - II</td>
<td>Epidemiology Exercises</td>
<td>Chi-square &amp; Correlation</td>
<td>Epidemiology Exercises</td>
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<td><strong>3:00-3:15</strong></td>
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<td><strong>Post-tea</strong></td>
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<td><strong>Evening</strong></td>
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Additional 1-day Demography course will continue on 30th Nov 2023. Details on SJRI website—www.sjri.res.in