

WORKSHOP OBJECTIVES

This workshop will use combination of lectures, individual exercises, discussions, interactive learning and guided assignments to help participants understand the research designs and biostatistical method in health research

By the end of the workshops participants are expected to:

- * Understand the fundamentals of study design.
- * Understand the aspects of fundamentals of biostatistical methods.
- * Understand the basic statistical terminology and methods of analyzing the data
- * Be confident in classifying datatypes and conducting analysis of their own data using SPSS software and interpreting the results.



WHO SHOULD ATTEND

Any Person with a background in the health sciences, health policy or health administration, who is desirous of improving their understanding on fundamentals of research design and data analysis methods in health research.

Post graduate students in the health sciences and those involved in public health should find this workshop relevant

RESOURCE PERSONS

Faculty from St John's Medical College & St John's Research Institute.

* Workshop fee includes tuition fee, lunch and workshop materials.

WORKSHOP ON BASICS OF BIOSTATISTICS & SPSS

DATE: 26th & 27th SEPTEMBER 2019

WORKSHOP FEE:

Upto 20th September - ₹3000

After 20th September - ₹3500

**St. John's Medical College & St John's Research Institute
St. John's National Academy of Health Sciences,
Bangalore - 560034**

SCHEDULE

DAY 1

Research question & study designs	9:00 - 10:15 AM
TEA BREAK	
Introduction to Biostatistics, Data types & Sampling	10:30 - 11:30 AM
Introduction to SPSS	11:30 - 12:00 PM
SPSS Data Management	12:00 - 12:30 PM
LUNCH BREAK	
SPSS Practical	1:15 - 3:00 PM
TEA BREAK	
Summarizing data & Graphical representation	3:15 - 4:00 PM
SPSS Practical	4:00 - 4:30 PM

***Participants should bring their own laptop for practical sessions.**

DAY 2

Probability Distributions & Hypothesis testing	9:00 - 10:15 AM
TEA BREAK	
Parametric Tests (T-tests & ANOVA)	10:30 - 11:30 AM
SPSS Practical	11:30 - 12:30 PM
LUNCH BREAK	
Test of Association (chi-square, Fisher's exact) & Correlation	1:15 - 2:15 PM
SPSS Practical	2:15 - 3:00 PM
TEA BREAK	
Non-Parametric tests	3:15 - 4:00 PM
SPSS Practical	4:00 - 4:30 PM

REGISTRATION

Venue: St. John's Medical College
Visit www.stjohns.in for registering

Fee can be paid by NEFT/RTGS:
A/c Name: St. John's Medical College;
Bank A/c No: 05210200000212;
A/c Type: Current;
Bank Name: Bank Of Baroda;
Branch: John Nagar
IFSC Code: BARBOSTJOHN

ACCOMMODATION

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

Cancellation
Cancellation will be processed only after 29th September 2019
* 20% will be deducted from the course fee.

FOR FURTHER ENQUIRY AND REGISTRATION

Dr. Tinku Thomas, PhD,
Course Director,
Head, Department of Biostatistics,
St. John's Medical College

Mrs. Sumithra Selvam,
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