

Registration

Venue: St. John's Medical College

Workshop fee:

- Before 31st September Rs 3000/-
- After 31st September Rs 3,500/-

Workshop fee includes tuition fee, lunch and workshop materials.

Filled registration form (www.stjohns.in) should be sent to biostatws@stjohns.in by 31st September, 2017.

Fee to be paid by NEFT/RTGS:

Beneficiary name: St. John's Medical College;

Bank name: Bank of Baroda;

Beneficiary's bank A/c #: 052100000212;

Account type: Current Account;

Branch: John Nagar, St. John's Medical College, 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.

Cancellation

Cancellation will be processed only after 15th October 2017.

- 20% will be deducted from the course fee.

For further enquiry and registration, contact:

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

Mrs. Sumithra Selvam,
Senior Resident
Department of Biostatistics
St. John's Research Institute
080-49467036 /7029 ; 9740205485



Workshop on Basics of Biostatistics & SPSS



Date:

12th & 13th October 2017

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

Workshop Objectives

This workshop will use a combination of lectures, individual exercises, discussions, interactive learning and guided assignments to help participants understand the research design and biostatistical methods 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 for analysing the data.
- * Be confident in classifying data types 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.

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 – 3:00pm
Tea break	
Summarizing data & Graphical representation	3:15 – 4:00 pm
SPSS Practical	4:00 – 4:30 pm

Day 2

Probability Distributions & Hypothesis testing	9:00 – 9:45 am
Concept of Sample Size estimation	9:45 – 10:30 am
Tea Break	
Parametric tests (T-tests & ANOVA)	10:45 – 11:30am
SPSS Practical	11:30 – 12:30pm
Lunch Break	
Test of Association (chi-square, Fisher's exact) & Correlation	1:15 – 2:15 pm
SPSS Practical	2:15 – 3:00pm
Tea break	
Non-Parametric tests	3:15 – 4:00pm
SPSS Practical	4:00 – 4:30 pm