



3<sup>rd</sup> THREE DAYS WORKSHOP ON

## STATISTICAL METHODS IN BIOMEDICAL RESEARCH

Jan 04 – 06, 2017

(IN COLLABORATION WITH NATIONAL INSTITUTE OF MEDICAL STATISTICS, NEW DELHI)

NIOH is organizing three days workshop for biomedical researchers on statistical applications using SPSS. This course is intended to introduce principles of Biostatistics to researchers in area of medical and life sciences. Emphasis of course is to illustrate applications of statistical methods to experimental data using SPSS software. At the end, participants would be able to apply appropriate statistical procedures for the analysis of data and its interpretation.

**SEATS AND LAST DATE** : Number of seats is limited to **30** only and will be offered purely on First come, First served basis. Last date for receipt of filled application is **30<sup>th</sup> Dec, 2016**.

**WHO CAN APPLY** : Researchers/Students in area of health research, life sciences, medicine etc.

### SYLLABUS:

	Topic
Day 1	Statistics in Biomedical Research
	Study Design : Observational and Experimental/Clinical Studies
	Selection Bias, Randomization & Replication
	Descriptive Statistics and Graphical representation of Data
	Database Designing and Management in DBMS/Excel
	Hands-on training Using SPSS
Day 2	Probability distribution & Determination of Sample Size
	Hypothesis Testing, Statistical test and Confidence Interval
	Analysis of variance (ANOVA)
	Analysis of Categorical Data
	Hands-on training Using SPSS
Day 3	Correlation and Regression Analysis
	Non-Parametric Tests
	Ethical Issues in Biomedical Research
	Hands-on training Using SPSS
	Open Discussion Session

**COURSE FEE & PAYMENT:** Course fee for the workshop is ₹ 3500. Payment can be made by online NEFT Transfer or Demand Draft in favor of "Director - National Institute of Occupational Health, Ahmedabad", payable at Ahmedabad. The details for NEFT transfer is given on web notification of workshop at NIOH website. ([www.nioh.org](http://www.nioh.org))

**ACCOMODATION:** Participants will have to bear their own expenses for travel, boarding and lodging. The Organizers will provide Course kit, working Lunch and Snacks. However, on request, organizers may arrange sharing basis accommodation with AC facility on standard charges in the International Training Center of NIOH. Only limited accommodation available in the campus and priority will be given to the female participants.

**HOW TO APPLY:** Applicants need to send filled 'Registration Form' attached herewith, mentioning 'WORKSHOP ON STATISTICAL METHODS IN BIOMEDICAL RESEARCH' on the Envelop along with demand draft. An advanced copy of application form must be sent at [niohstats@gmail.com](mailto:niohstats@gmail.com). Availability of seats can be confirmed by email. The seats will be offered on First Come, First served basis. Postal Address: Department of Bio-statistics, National Institute of Occupational Health, Meghani Nagar, Ahmedabad-380016 Gujarat.

**PATRON:** Dr. Soumya Swaminathan, Secretary DHR & Director-General, ICMR, New Delhi

**ADVISORS:** Dr. Arvind Pandey, Director-NIMS, New Delhi & Dr. Sunil Kumar, Director-in-Charge, NIOH

**COURSE DIRECTORS:** Dr. H.K. Chaturvedi, Sci. "F" National Institute of Medical Statistics (NIMS), New Delhi  
Dr. Sukh Dev Mishra, Sci."B" National Institute of Occupational Health (NIOH), Ahmadabad

**CONTACT PERSON:** Mr. Ashvin Malhotra/ Mr. Arun Patel, Division of Biostatistics, National Institute of Occupational Health (ICMR), Meghani nagar Ahmedabad; Contact No.: (079) -22688 844/843, 08460501808/ 9824090800

**NOTE:** Registration cancellation will not be possible after confirmation; hence no course fee will be refunded. Applicants are advised to bring their own laptops for hands-on-training purpose.

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**NEFT TRANSFER DETAILS:-**

A/C No.	10106975123
IFSC Code	SBIN0003043
Bank	State Bank of India
Branch	Civil Hospital, Opp. B.J.medical College, Ahmedabad,380016
<b><u>Important Note:</u></b> Please mention transaction remark as “WSMBR-2017” , and provide transaction ID in application form.	

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**Jan 04 – 06, 2017**

(IN COLLABORATION WITH NATIONAL INSTITUTE OF MEDICAL STATISTICS, NEW DELHI)

National Institute of Occupational Health (Indian Council of Medical Research), Ahmedabad

## - REGISTRATION FORM -

Application Category (Kindly choose One):  Academic  Research Institution  Industry

Name

\_\_\_\_\_

Date of Birth

DD / MM / YYYY

\_\_\_\_\_

Gender

Male  Female

\_\_\_\_\_

Highest Qualification:

Graduate  Post-Graduate  Ph.D

\_\_\_\_\_

Name of Degree

Subject:

\_\_\_\_\_

Work Experience(Yrs)

Area of Specialization:

\_\_\_\_\_

Designation

\_\_\_\_\_

Department

\_\_\_\_\_

Institution

\_\_\_\_\_

Address

\_\_\_\_\_

City

State:

PIN :

\_\_\_\_\_

Contact No.

\_\_\_\_\_

E-mail

\_\_\_\_\_

*Please write, in brief, how this workshop will help you(optional):*

Demand Draft Information : Only in favor of "Director - National Institute of Occupational Health, Ahmedabad", payable at Ahmedabad

Name of the Bank	D.D No. /Transaction ID	Amount	Date

Declaration: I hereby certify that all the above information is accurate to the best of my knowledge.

Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Applicant