5th NATIONAL WORKSHOP ON

STATISTICAL METHODS IN BIOMEDICAL RESEARCH

Feb 26 - 28, 2020

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

ICMR-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 for 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 20th Feb 2020.

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

SYLLABUS:

	Topic
Day 1	Overview of Statistical Applications 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(Data/Statistical Perspectives)
	Hands-on training Using SPSS
	Open Discussion Session

COURSE FEE & PAYMENT: Course fee for the workshop is ₹ 4500. Payment can be made by online NEFT Transfer or Demand Draft in favor of "Director - National Institute of Occupational Health, Ahmedabad", payable at Ahmedabad. **NEFT:** A/C No. 10106975225, State Bank of India, Account Type: Current, IFSC Code: SBIN0003043, Branch: Civil Hospital, Ahmedabad.

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 nominal 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 submit Online 'Registration Form', which can be accessed at http://tiny.cc/w6wriz or scanning the QR code given at top right corner. For an offline application, kindly fill and send the attached registration form mentioning 'WORKSHOP ON STATISTICAL METHODS IN BIOMEDICAL RESEARCH' on the Envelop. Availability of seats can be confirmed by email(niohstats@gmail.com). The seats will be offered on First Come, First Served basis. Postal Address: Dr. S D Mishra, Department of Bio-statistics, National Institute of Occupational Health, Meghani Nagar, Ahmedabad-380016 Gujarat.

PATRON: Prof. Balram Bhargava, Secretary DHR & Director-General, ICMR, New Delhi
MENTORS: Dr. Kamalesh Sarkar, Director-NIOH & Dr. M. Vishnu Vardhan Rao, Director-NIMS, New Delhi

COURSE DIRECTORS: Dr. H.K. Chaturvedi, Sci. "G" National Institute of Medical Statistics (NIMS), New Delhi
Dr. SukhDev Mishra, Sci."C" National Institute of Occupational Health (NIOH), Ahmedabad

CONTACT PERSON: Mr. Ashvin Malhotra/ Jyotsana Verma, Division of Biostatistics, National Institute of Occupational Health (ICMR), Meghaninagar Ahmedabad; Contact No.: 8460501808 / (079)–22688844

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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Feb 26 – 28, 2020

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

ICMR - National Institute of Occupational Health, 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	_____
Accommodation	☐ YES ☐ NO Period of Stay: FROM: _____ TO: _____

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

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Demand Draft Information **:** Only in favor of "Director - National Institute of Occupational Health, Ahmedabad", payable at Ahmedabad ; NEFT account information is as per below:-
A/C: 10106975225, State Bank of India, Type: Current, IFSC: SBIN0003043, Branch: Civil Hospital, Ahmedabad

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

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

_____
Signature of Applicant

Date: _____