

Overview

A 2-days workshop on Research Methodology is designed to enable researchers developing their knowledge and skill through an extensive exposure on literature review, formulation of research question, selecting appropriate study design, sample size, data management, statistical methods as well as grant writing.

The course will be taught by a multidisciplinary team from distinguished institutes and government agencies such as AIIMS and DBT. It's a great place for your 'elevator pitch.'

Learning in depth through didactic lectures and hands-on is the aim of the workshop. Resource materials and presentations will be provided to all participants prior to the workshop upon registration..

Number of Seats: 50

Contact Us

If you have any queries about the workshop, send us your details along with your query. We will get in touch with you as soon as possible.

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Indian Spinal Injuries Centre
Sector-C, Vasant Kunj,
Opp. Vasant Valley School, New Delhi -
110070, India

Workshop on Research Methodology



INDIAN SPINAL INJURIES CENTRE

December 14 – 15, 2018

Eligibility

Post-graduation with functional level knowledge of Computers is eligible for this course.

The course will be useful to young researchers, teachers, public health professionals, students pursuing MD, DNB, MPH, MPhil, MPharm. or PhD programs; investigators from different systems of alternative medicine such as; paramedical sciences inclined to accept public health as a career, professionals working in health and development sectors, and marketing research. Limited prior knowledge of research would be useful.

Research is formalized curiosity.

There is one and only one statistical method for one objective.

Course Fee

Indian Candidate: INR 5000+GST
International Candidate: USD 200+Taxes

Mode of Payment:

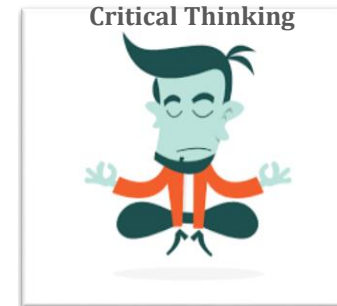
Registration fee will be accepted through Cheque/DD in favour of Indian Spinal Injuries Centre, New Delhi

Deadline

Last Day of registration is December 3, 2018.

Overview of Programs

Day 1



- Overview of Research Methodology
- Formulation of Research Question
- Literature Review
- Ethics in Biomedical Research
- Overview of Study Designs
- Design, Conduct & Analysis of Diagnostic Tests
- Variables & Measurement of Disease Frequency
- Confounding, Bias and Role of Chance

Day 2



- Sample size
- Data Management
- Statistical Methods
- Scientific Writing & Misconduct
- Protocol development
- Funding opportunity & Grant Writing

Mode of Registration

Application must be sent through email including following details: Name, Designation, Affiliation, Highest qualification, Email, mobile no. and payment details at hod.biostatistics@isiconline.org

Program Agenda

Day 1

Time	Title	Speaker
08:30 – 09:00	Registration	Organizing Team: ISIC
09:00 – 09:15	<ul style="list-style-type: none"> Welcome Address Introduction to the Course: Program Objective & Expectations 	Dr. Sunil Sharma, Dean, ISIC
09:15 – 10:15	<ul style="list-style-type: none"> Overview of Research Methodology Formulation of Research Question 	Dr. Gayatri Vishwakarma Head-Biostatistics, ISIC
10:15 – 10:30	Tea Break	
10:30 – 11:45	Literature Review <ul style="list-style-type: none"> Online Literature Search: Hands-on 	Dr. Ashok Kumar Jaryal Professor of Physiology & Associate Dean (Exams), AIIMS, New Delhi
11:45 – 12:30	Ethics in Biomedical Research	Dr. Nandini K. Kumar Former Deputy Director General (Sr. Grade), ICMR; Dr. TMA Pai Endowment Chair, Manipal University
12:30 – 13:30	Overview of Study Designs <ul style="list-style-type: none"> Cross-sectional Cohort Case-control Clinical Trial 	Dr. Gayatri Vishwakarma Head-Biostatistics, ISIC
13:30 – 14:15	Group Photo & Lunch Break	
14:15 – 15:00	Design, Conduct & Analysis of Diagnostic Tests	Dr. Smita Asthana Scientist-D, NICPR, Noida
15:00 – 15:45	<ul style="list-style-type: none"> Variables & Measurement of Disease Frequency Confounding, Bias and Role of Chance 	Dr. R.M. Pandey HOD-Biostatistics, AIIMS, New Delhi
15:45 – 16:00	Tea Break	
16:00 – 17:00	Group Discussion and Open Forum for Q & A related to protocol development	Team

Day 2

Time	Title	Speaker
09:00 – 09:30	Recap	Participant Groups
09:30 – 10:30	Sample Size	Dr. Gayatri Vishwakarma Head-Biostatistics, ISIC
10:30 – 10:45	Tea Break	
10:45 – 11:45	Data Management and Documentation	Dr. Manoj Diwakar Assistant Professor, JNU, New Delhi
11:45 – 13:00	Statistical Methods <ul style="list-style-type: none"> Concept of Statistical Inference Hypothesis Testing When and what to use Statistical vs. Clinical Significance 	Dr. Gayatri Vishwakarma Head-Biostatistics, ISIC
13:00 – 14:00	Lunch Break	
14:00 – 15:00	Hands-on sample size	Dr. Gayatri Vishwakarma Head-Biostatistics, ISIC
15:00 – 15:45	Scientific Writing & Misconduct	Dr. Bela Desai, Grant Advisor - DBT, New Delhi
15:45 – 16:00	Tea Break	
16:00 – 16:45	Funding Opportunities & Expectations of a Funding Agency	Dr. Shirshendu Mukherjee Mission Director Jointly Supported by DBT-BIRAC-BMGF-Wellcome Trust
16:45 – 17:15	<ul style="list-style-type: none"> Presentation of protocol by groups Assessment 	TEAM
>17:15	Distribution of Certificates	