

# Workshop on Research Methodology

(29<sup>th</sup> November to 1<sup>st</sup> December 2017)

All India Institute of Medical Sciences  
Phulwarisharif, Patna

Department of Community Medicine

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(Associate Professor)

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(Assistant Professor)

## Introduction about workshop

The 'Research Methodology Workshop' is designed to impart basic skills in research methods and biostatistics. These skills will be needed to design and conduct good quality clinical and epidemiological research. Ideally the participant should have a research idea in mind and have the commitment to see the research through to its completion. This workshop will expose the participant to epidemiological methods, statistical analysis of data and computer use. Obviously, this workshop will not make one an expert on research methods or statistics but hopefully it may provide sufficient impetus to get the participants started.

## Objective of the Workshop

Upon completion of this workshop, participants should be able to:

- To understand the basic principles of scientific methods as applied to clinical and epidemiological research
- To acquire skills in using necessary methodology, statistical tools and techniques in designing and conducting clinical and epidemiological research in their areas of interest

## Who should attend?

Potential candidates currently involved in clinical research including doctoral scholars, research fellows from life science discipline, medical students and allied health professionals.

**Number of participants is limited to 30.**

## Registration Fees

	Till 15 <sup>th</sup> October 2017	After 15 <sup>th</sup> October 2017
For all Participants	Rs.3000/=	Rs.3500/=

## Payments Details

Demand Draft/Cheque should be made in favour of AIIMS Patna payable at Patna.

NEFT or IMPS transfer to the following account

Name of Account: **AIIMS Patna**

Bank with Branch Name: **Bank of India, Phulwarisharif, Patna**

A/c No: **579310110002528** IFSC Code: **BKID0005793**

## Registration Process

EmailId: [cfmdeptaiims.patna@gmail.com](mailto:cfmdeptaiims.patna@gmail.com)

[Registration Link, Click here](#)

Registration form should be sent to the above mentioned email id. For more details contact to:

Contact No: 9471007028

Email Id: [dralokr@aiimspatna.org](mailto:dralokr@aiimspatna.org), [aranjan30@gmail.com](mailto:aranjan30@gmail.com)

**Venue:** Conference Hall, Department of Community Medicine, College Main Building

## Course Contents of the Workshop

Introduction to Medical Research Process Overview  
Study Design  
Measures of Effect  
Confounding and Bias  
Sample Size Estimation and Sampling Techniques  
Descriptive Statistics  
Correlation & Linear Regression  
Inferential Statistics  
Independent and Paired *t* test  
One-way ANOVA  
Chi-square & Fisher's exact test  
Preparing and managing data using SPSS

## REGISTRATION FORM

1. Name (In BLOCK Letters) \_\_\_\_\_

2. Date of Birth: \_\_\_\_\_ 3. Gender: Male/Female

4. Qualification: \_\_\_\_\_

5. Organization/Affiliation: \_\_\_\_\_

6. Address: \_\_\_\_\_

7. Designation: PG Student / Senior Residents / Doctoral Students / Faculty

8. Email-ID: \_\_\_\_\_

9. Mobile No.: \_\_\_\_\_

10. Accommodation Required: Yes/ No

11. Mode of Registration Fee Payment :

Date:

Signature