

Workshop on
Basic Course in Bio-Statistics for medical professionals
and non-medical researchers

17 – 21 June 2019

Division of Bio-Statistics
ICMR - National Institute of Epidemiology, Ayapakkam, Chennai – 600 077
(Supported by : Indian Council of Medical Research, Ansari Nagar, New Delhi - 110 029)

The ICMR-National Institute of Epidemiology, Chennai is proud to announce a workshop on “Basic course in Bio-Statistics for medical professionals and non-medical researchers” for the year 2019. The details are given below:

The ICMR - National Institute of Epidemiology, Chennai is one of the permanent Research Centers of Indian Council of Medical Research, New Delhi, Department of Health Research, Ministry of Health and family Welfare, Government of India.

The broad objectives of the Institute cover Development of human resources in Epidemiology and Bio-Statistics, Networking of the various ICMR and non-ICMR Institutes at the national level for epidemiological purposes, and Consultancy Services.

The Institute has been conducting training programmes annually in Bio-Statistics for medical and non-medical researchers. The Institute is recognized by the University of Madras for research leading to Ph. D degree in the areas of Epidemiology and Bio-Statistics.

Objectives of the Workshop

1. To sensitise Bio-Statistical concepts
2. To introduce Statistical Tools for data analysis
3. To introduce Software for data analysis
4. To develop skills in data analysis
5. To provide hands on experience

Who should apply?

- Medical professionals
- Allied health professionals
- Non-medical faculty and
- Researchers actively involved in research activities

Selection procedure and number of participants

The participants of the course will be selected on first-cum-first serve basis.

Maximum number of participants will be restricted to 25 for providing quality service.

Course Fee

Course fee of Rs. 5,000/= (Rupees Five Thousand only) should be paid along with the application by Demand Draft drawn in favour of “Director, National Institute of Epidemiology, Chennai” and payable at Chennai.

The DD should be complete in all respects viz. Date, Amount, Authorised Signature and the recipient name. Otherwise the application will be rejected.

Accommodation and Food

Hostel facility is available within the NIE campus and rooms will be allotted on first-cum-first serve basis. The participant have to pay Rs. 50/= (Rupees Fifty only) per day, if the hostel facility is required.

Canteen facility is available for the participants desirous of having breakfast and dinner on their own payment during the workshop period.

Refreshments and meeting lunch will be provided for the participants during the workshop.

Course Co-Ordinator

Mr. L. SUNDARAMOORTHY

Principal Technical Officer
ICMR - National Institute of Epidemiology,
Second Main Road, Tamil Nadu Housing Board
Ayapakkam, Chennai – 600 077
Phone : 044-26136252
(on working days from 09:30 AM to 05:00 PM)
e-mail : sundaramoorthy@nie.gov.in

Last Date for submission of Application

Duly filled in Application (*please take a print out of the Application available in next page*) may be sent by post to "The Director, ICMR-National Institute of Epidemiology, Second Main Road, TNHB, Ayapakkam, Chennai - 600 077" latest by 05:00 P.M on May 31, 2019

The application should be accompanied by a DD for Rs. 5,000/= towards the course fee. Otherwise the application will not be entertained.

The selected participants are expected to bring their laptop for handling practical sessions, preferably loaded with Epi-Info software.

Major Topics to be covered

- Measures of Central Tendency
- Measures of Dispersion
- Introduction to Probability
- Normal distribution
- Concepts of Test of Significance
- Concepts of Confidence Interval
- Concept of P value
- Test for Means
- Test for Proportions
- Non-Parametric Methods
- Correlation
- Linear Regression
- Sampling Techniques
- Sample Size Determination

Note :

1. **Course Fee is non-refundable after registration**
2. **The URL to download EpiInfo software is <https://www.cdc.gov/EpiInfo>**
3. **The URL <http://www.nie.gov.in> may be searched for How to reach NIE?**

Course Co-Ordinator

Mr. L. SUNDARAMOORTHY
Principal Technical Officer
ICMR-National Institute of Epidemiology
Ayapakkam, Chennai – 600 077

Application-cum Registration Form
Basic Course in Bio-Statistics for medical professionals and non-medical researchers - 2019

Division of Bio-Statistics
ICMR-National Institute of Epidemiology, Ayapakkam, Chennai – 600 077

1. Name (in BLOCK LETTERS): _____
2. Qualification: _____
3. Branch of Subject (except medicine): _____
4. Institute / Organization: _____

5. Designation: _____
6. Age (in years): _____
7. Gender (Male/Female): _____
8. Address for Communication: _____

9. PIN code: _____
10. State: _____
11. Telephone / Mobile Number: _____
12. e-mail ID: _____

13. Accommodation (subject to availability): Required / Not Required

14. Demand Draft Details:

DD Amount: _____	DD Date: _____
DD Number: _____	Bank Name: _____

Note: Course Fee is non-refundable after registration

15. Nature of Job: _____

16. Area of Work / Interest: _____

Date:

Place:

Signature of Applicant with date