



icmr **NIMS**
INDIAN COUNCIL OF
MEDICAL RESEARCH NATIONAL INSTITUTE OF
MEDICAL STATISTICS

Workshop on “Statistical Methods in Health Data Analytics using R”

Organized by
ICMR-National Institute of
Medical Statistics,
Ansari Nagar,
New Delhi- 110029

Date: 12th to 15th March,
2019

ICMR-NIMS

ICMR-National Institute of Medical Statistics is one of the permanent institutes of Indian Council of Medical Research, (ICMR), New Delhi which came into existence in the year 1977.

The mandate of the institute is to support development, application and dissemination of statistical science throughout India in the areas of health, epidemiology and surveillance, biomedical and behavioral research through technical consultation and statistical services, education and training, research and advocacy, mathematical modelling and programme evaluation.

ICMR-NIMS also hosts the Clinical Trials Registry-India (CTRI) with the mandate to encourage all clinical trials conducted in India to be prospectively registered before the enrollment of the first participant

ABOUT THE WORKSHOP

The workshop will include both interactive learning sessions including hands on session using R. The workshop will cover the following topics:

Study designs and research methods

Principles and use of Biostatistics

Introduction to R environment

Basics of R programming

COURSE CONTENTS

- Epidemiological Study designs
- Types of variables
- Statistical inference and Hypothesis testing
- Descriptive and Inferential statistics
- Sample size determination and Sampling methods
- Correlation and Regression
- Introduction to survival analysis
- Hands-on-session using R Studio, R Commander, R Deducer, JASP, R Markdown and ggplot2.

REGISTRATION DETAILS

- Registration fee: INR 4000/- (including 18% GST)
- Registration fees includes course material, refreshments and working lunch.
- Candidates are requested to arrange for their accommodation.
- Deadline for applications: 11th February 2019.
- Deadline for submission of Registration fee: 18th February 2019.
- The number of participants is limited to 25.

Registration Procedure:

- Register yourself by submitting the online form available at <https://goo.gl/forms/tj050hhzyKBH8k683>
- Selected candidates will be sent a confirmation mail.
- On receiving the confirmation mail, transfer the registration fee via RTGS/NEFT and send the receipt on the following email address: nimsrworkshop@gmail.com
- Refund policy: In case of cancellation of registration, no refund shall be made.
- Bank Details:
Account Name : Director, NIMS
Account No. : 0267201013028
Account Type: Current Account
Bank : Canara Bank
IFSC Code : CNRB0008595

Course Director

Dr. M Vishnu Vardhana Rao
Scientist G & Director,
ICMR-NIMS

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