



**Workshop on “Statistical Data Analysis using R Software” in
Department of Community and Family Medicine (C&FM) in
collaboration with “National Institute of Mental Health and
Neurosciences” (NIMHANS) at All India Institute of Medical Sciences
(AIIMS), Patna (Bihar)
26th – 28th July 2017**



Target Audience: This workshop is targeted for Postgraduate students, Senior Residents, biostatistician, researchers from various professions such as epidemiology, medicine, public health, life science, psychology, nursing, pharmacy, and other allied health sciences.

Requirement: The participants are requested to bring their laptops for hands-on training, if possible.

Limited Seats:
Number of Participants: Limited to 30 and selection is purely on first cum first serve basis.

Course Content

Basic of R:
Univariate Methods:
Point and Interval Estimation

Testing of hypothesis:
Test of Significance for categorical measurements.
Test of significance for continuous measurements.

Investing the role of Confounding and Interaction.

Multivariate Methods:
Linear Regression
Logistic Regression
Survival analysis

Sample size determination

Accommodation: Participants have to make their own arrangement for accommodation. However limited in-campus guest house accommodation is also provided on request and is purely on first cum first serve basis. Accommodation charges are not included in the course fee.

Registration Fees

Date	Till 15 th July 2017	After 15 th July 2017
Postgraduate students/Senior Resident	2000/-	2500/-
Faculty & other participants	3000/-	3500/-

Payments Details

Demand Draft/Cheque should be made in favor 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**

Venue

Department of Community and Family Medicine, AIIMS, Patna

Registration Process

Email Id:
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: 9471000734
Email Id: drpragyak@aiimspatna.org,
pragyasinha2002@gmail.com

Patron

Prof. (Dr.) P.K. Singh
Director
AIIMS, Patna

Organizing Chairman

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(Professor & Head)
Department of C&FM
AIIMS, Patna

Organizing Secretary

Dr. Pragya Kumar
(Assistant Professor)
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Organizing Committee

Dr. CM Singh
(Additional Professor)
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Dr. Sanjay Pandey
(Associate Professor)
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Dr. Alok Ranjan
(Assistant Professor)
Department of C&FM
AIIMS, Patna

Resource Person (Faculty)

1. Dr. K. Thennarasu, Professor & Head, Department of Biostatistics, National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore, Karnataka.
2. Dr. B. Binukumar, Assistant Professor, Department of Biostatistics, National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore, Karnataka.
3. Dr. Alok Ranjan, Assistant Professor, Department of C&FM, All Indian Institute of Medical Sciences (AIIMS), Patna, Bihar.

R Highlights

- Most comprehensive statistical analysis package which can be used free of cost.
- It incorporates all the standard statistical tests, mathematical modelling and analysis.
- Large, active and growing community.
- Acts as a good alternative to SPSS, SAS and STATA.
- It can function with similar clarity for both the Linux as well as Microsoft Windows Operating Systems. In addition to this, the fact that R can also work well with other data analytics tools like SAS, SPSS.