RESEARCH DATA ANALYSIS USING R (RADAR- 2019)

Department of Biostatistics, NIMHANS, Bengaluru -29

November 6-8, 2019

Objective:

This workshop aims at strengthening the research and data analysis capacity of biostatisticians, epidemiologists, public health researchers and other professionals working in the field of medical/ health research. The course content is designed with an objective to introduce various statistical methods and its applications in medical/ health research. The workshop will focus on sensitizing and providing computational aspects, including hands-on training using R software, develop skills in presenting results effectively and to improve the participant's ability

Course Fee: A course fee of INR **4700**/- *(including 18% GST)* will be charged. Course fee includes course material, breakfast, lunch and refreshments. The fee should be paid through NEFT transfer only and *email* the receipt details to *biostatnimhans.r@gmail.com for confirming your registration*

to interpret the findings, which in turn can be integrated into their professional practices.

About the Department of Biostatistics: Please visit http://nimhans.ac.in/biostatistics

Venue: Seminar Hall, Department of Biostatistics, Dr.M.V.Govindaswamy Centre, NIMHANS, Bengaluru.

Target Audience: This workshop is targeted for biostatisticians, researchers from various professions such as medicine, epidemiology, public health, psychology, nursing, pharmacy, and other allied health sciences.

Nature of Selection: Purely based on first cum first serve basis and the

number of participants will be restricted to 30. Participants are

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

requested to bring their laptops for hands-on training, if possible.

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.

How to Register?

The registration fee may be paid through NEFT transfer to the **Account** and then complete the **Online Registration**.

Those interested may contact:

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Course Content
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Basics of R:

Design and Issues in Epidemiological Research

Univariate Methods:

- **Point and Interval Estimation**

Sampling

Testing of hypothesis:

- **Test of significance for Categorical measurements**

- **Test of significance for Continuous measurements**

Multivariate Methods:

- **Linear Regression**

- **Logistic Regression**

- **Survival analysis**

Sample size determination

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