

Two Week Interdisciplinary Faculty Development Programme
on
Data Analysis using Software Packages
(December 12-24, 2018)



Organized by
Department of Statistics & IQAC, Hindu College, University of Delhi, Delhi

in collaboration with
Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi

under the scheme

Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)
Ministry of Human Resource Development

&

DRDO, Delhi and ERNET (MeitY), Government of India, Delhi

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For more information visit

www.hinducollege.ac.in

“Knowing is not enough; we must apply. Willing is not enough; we must do.”

Johnson Von Goethe

About the College

The Hindu College is a constituent college of the University of Delhi in New Delhi, India established in 1899. It is one of the oldest and most selective colleges in Delhi. It offers undergraduate and postgraduate programmes in the humanities, social sciences, sciences and commerce. Nationally, it is awarded A⁺ grade in NAAC and ranked 4th in the 2018 MHRD National Institutional Ranking Framework. The College has produced many notable alumni in the fields of law, economics, statistics, physics, media, psychology, business, literature and politics.

About the Department

The Department is premiered in the year 1975. Statistics at undergraduate level at Hindu College was the first in league of University of Delhi. It has committed faculty members who specialize in various academic fields of Statistics like Inferences, Stochastic Modeling, Sampling, Biostatistics and Econometrics. Besides regular teaching, the faculty members are also involved in research projects and publishing books. The Department has a vibrant society, which organizes its annual function 'KURTOSIS'. The festival includes a series of academic lectures, quizzing, debating etc.

Programme Relevance

Teaching and research complement each other, they should be synthesized so as to bring in relevance to the academic activity in the academia. Statistical methods are the needs of the researchers/ academicians for learning and understanding statistical tools for the analysis of data.

The course will be based on principles of good practice for data management and statistical analysis and also focus on applications with examples used throughout from the fields of sciences, humanities and social sciences. There will also be a focus on selecting appropriate statistical methods and on understanding and correctly interpreting the results of statistical analyses. The proposed interdisciplinary faculty development programme aims to bring together the applied and theoretical academicians/ researchers on a single platform to understand the applications and uses of statistics along with various statistical software like Advanced MS-Excel, SPSS and R-Programming. This FDP will offer practical hands on approach to use data analysis tools, software packages through case studies and skill building exercises.

Programme Objective

- To enable the participants to define research problems and develop a suitable methodology for addressing the key issues.
- To impart capabilities for formulation and testing of hypothesis based on the nature of research.
- To equip the participants with analytical knowledge and skills to enhance the quality of work.
- To apply different types of statistical tools, interpret and use the result for decision making.

Topics to be covered

- Introduction to Software
- Descriptive Statistics
- Statistical Inference
- Sample Size Estimation

- Correlation and Regression Analysis
- Multivariate Analysis
- Digital Marketing
- Role of Computer Software in Media
- Differential and Fractional Differential Equations

Experts and Demonstrators

Eminent experts and academicians from the reputed universities and institutes shall be invited to deliver their lecture on the relevant themes along with specialized statistical data analysts.

Target Audience

Faculty members may belong under the areas of Social Sciences, Humanities, Medical, Education, Commerce and Management, Agriculture, Physical, Chemical, Mathematical & Life Sciences.

Registration Details

- Apply by sending duly signed registration form fdpstats18@gmail.com latest by **December 10, 2018**.
- **Registration fee: Rs. 3000/-**
- Fee can be paid through A/c payee demand draft/ online/NEFT/on the spot payment as per availability of the seats.
- The Demand Draft should be in the favour of **Principal Hindu College** payable at Delhi.
- In case of NEFT, give the Net Banking details as:

Name: Principal Hindu College

A/c No.: 35871122927

Bank & Branch Name: SBI, Hindu College

- **IFSC:** SBIN0010433
- **MICR:** 110002432

Food and Accommodation:

The Department may provide accommodation to the limited number of outstation delegates/ participants, on their demand well in advance. The Department will be provided working lunch and tea in breaks between the sessions only. All the expenses of the stay and food will be borne by the delegates/participants themselves.

Registration form

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1. Name of the participant :

2. Gender : Male Female

3. Designation :

4. Department :

5. Nationality :

6. Institute/Organization :

7. Address :

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8. Mobile Number :

9. E-mail :

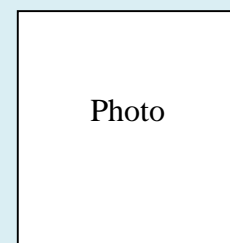
10. Accommodation required : Yes No

11. Mode of payment : Online/NEFT Demand Draft On spot registration
(please tick and attached receipt)

12. Amount :

Date :

Place :



Photo

Signature of Participant