

Centre for Management Studies, Jamia Millia Islamia



Three-Day FDP on

Advance Research Techniques & Analytics using R

ABOUT US

Jamia Millia Islamia, a Central University, renowned for its highly glorious past and an equally promising future, has more than 17,000 students, 800+ full time teaching faculty, 9 faculties, 39 departments and more than 200 courses.

The Centre for Management Studies (CMS) was established in 2003 and has a very rigorous process of selecting students for its MBA programmes with specialization in Finance, Marketing, Human Resource Management and International Business. **CMS offers PhD in Management, MBA (Full Time), MBA (Executive) and MBA (International Business)**. CMS has been well accepted by the market and with students placed in top reputed and multinational companies. Moreover, CMS is known for its high-quality research. Quality of research of faculty members of CMS, is evident by their international publications and research project awarded to them.

BACKDROP

The world of research is facing rapid innovation and change. The change is being witnessed owing to new and innovative research tools and techniques. The innovation is result of sophisticated software packages. The need of the hour is to develop a sound methodological base of research among the academicians and researchers to cope up with future challenges. **one needs a solid understanding of data and analytics. Software packages, ranging from the more commonly known ones such as MS Excel to the more advanced ones like R are being extensively used by academicians and practitioners to facilitate data analysis.**

ABOUT THE FDP

This FDP focuses on basic analytical techniques for analyzing data and arriving at meaningful conclusions. The present FDP has been designed keeping in mind growing importance of research and publications in academic career of Faculty and Research Scholars. The course is expected to cover the formulation of research problem, formulation of research hypothesis and testing of hypothesis, selection of appropriate parametric or non-parametric statistical method for analyzing data, reporting and interpretation and data.

TOPICS TO BE COVERED

Descriptive Analytics:

- Data Description
- Data Visualization
- Cross Sectional, Time Series and Panel data

Diagnostic Analytics:

- Testing of Hypotheses (Parametric Data)
- Testing of Hypotheses (Non-Parametric Data)
- Design of Experiments (Random Design, Randomized Block Design, Factorial Design)

Predictive Analytics:

- Regression (Ratio Data)
- Regression with Categorical Variables (Dummy, Logistic)
- Cointegration and Causality

Prescriptive Analytics:

- Factor Analysis (Principal Component Analysis)
- Cluster Analysis (Hierarchical Clustering, K- Means Clustering)
- Multidimensional Scaling
- Optimization

TARGET PARTICIPANTS

A maximum of 35 Faculty or Research Scholars can be registered for the FDP on first come first serve basis. Faculty and Registered Ph.D. scholars of any Indian University/ Institute are eligible to apply for the FDP.

REGISTRATION

Registration Fee: Research Scholars/Faculty: INR 3000

Interested candidates may apply for the FDP before the last date by email, attaching their CV. If selected, send their duly filled in registration form to the course coordinator. Registration form and brochure can be downloaded from the university website <http://www.jmi.ac.in/events>. The candidates may send scanned copies of registration form and other documents by email to fdpcms2019@gmail.com. The duly filled in registration form must be forwarded by supervisor / Head of the Department.

The DD has to be in favor of **Registrar Jamia Millia Islamia, New Delhi** payable at **New Delhi**. In case of online payment, send the receipt or screenshot through email. Details for making online payment is the following:

Beneficiary Name:	Registrar, Jamia Millia Islamia
Name of Bank:	Indian Bank
Branch:	Jamia Millia Islamia
Branch Code:	01622
Bank Account Number:	443259891 (Earmarked Grant)
IFSC Code:	IDIB000J029
MICR Code:	110019041
SWIFT Code:	IDIBINBBTSY

IMPORTANT DATES

Last date for sending nomination	10 th February 2019
Notification for selected Candidates	11 th February 2019
Last date for Registration	14 th February 2019
Duration	19 th to 21 st February 2019

Patron

Vice -Chancellor, Jamia Millia Islamia, New Delhi

Convener

Prof A. H. Ansari, *Director, Centre for Management Studies, Jamia Millia Islamia, New Delhi*

Coordinators

Dr. Tafeeque Ahmad Siddiqui, *Assistant Professor, Centre for Management Studies, Jamia Millia Islamia, New Delhi*

Syed Shaamikh Ahsan, *Assistant Professor, Centre for Management Studies, Jamia Millia Islamia, New Delhi*

Members of Organizing Committee

Prof P.K. Gupta, Prof Rahela Farooqi, Prof Kavita Chauhan, Prof N. H. Mullick, Dr Saif Siddiqui, Dr. S. Wajid Ali, Ms. Rachna Gedam, Dr. Sunayana Kumar, Dr. S. Veeramani, Dr. Yasmeen Rizvi

Venue

CMS Conference Hall, Management Building, Centre for Management Studies, Jamia Millia Islamia, New Delhi

Address for Correspondence

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Syed Shaamikh Ahsan (FDP Coordinator), Centre for Management Studies, Jamia Millia Islamia, New Delhi 110025



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Registration Form

Name of Applicant (in capital letters): _____

Designation: _____

Name of the University/Institution/Organization: _____

Official Address: _____

Phone Number (office): _____ Mobile: _____

E-mail ID: _____

Registration Fee Details: Amount: _____ DD No. _____ Date _____

Name of the Bank: _____ Branch _____

Signature of Applicant

Signature Head of Department/Supervisor