



Faculty Development Programme on Data Analysis Using SPSS

Date: March 10, 2014

Venue: Centre for Management Studies, Jamia Millia Islamia, New Delhi-25

Management education all over the world is undergoing a sea-change. It is gearing up to give further momentum to ever so changing business environment globally. Management schools have to play a pivotal role in terms of educating future managers on the tools and techniques that can create a broad culture of innovation within businesses. Hence innovation in management education is imperative today. A crucial component in improving higher education standards is deep and relevant research based on the factors that matter most for improving student learning. A renewed focus on management research, curriculum development and delivery is essential to meet the ever increasing demands from stakeholders, globally. Faculty forms the most valuable resource of any education institute. Hence, it is essential to have a focused approach to developing skills and knowledge of faculty. It is important that management educators are exposed to latest in research methodology for research is the only way an institute can grow intellectually.

Knowledge of applied research tools and methodology along with the use of software helps in integrating research and practice. It proves the relevance of theory with real world environment thereby enhancing the validity and applicability of the research findings. In academia, good publications call for more in-depth research with sound analysis of data. Hence the significance of research methodology has become much more prominent. Thus, SPSS training would certainly ensure and enhance the possibility of greater research and publication skills of faculty, research scholars and all those engaged in data analysis and research activities across various industries.

OBJECTIVE OF THE WORKSHOP

To provide hands on experience to the participants in analysing and interpreting data using statistical software.

The programme is expected to provide the participants with an opportunity to learn about applications of research methodology in academic research and industry analysis, understand how to use appropriate methods in formulating and writing thesis / dissertations / professional publications.

LEARNING OUTCOMES

After undergoing this training programme, the participants will be able to:

- Understand fundamentals of data analytics, data handling and related research issues
- Use SPSS software for empirical estimations
- Understand how data analysis can be used in classroom teaching and research publications.

PEDAGOGY

Apart from classroom discussions, the participants will also have access to data set used in the analysis. Sessions will be conducted in hands-on mode, which means participants can

work simultaneously with the resource person. A good deal of emphasis will be given on interpretation of output and its implication for teaching, research and publications.

TARGET AUDIENCE

The programme is designed for faculty members and research scholars who are currently engaged in research either in university departments/centre or business schools.

PROGRAMME FEE

INR 1000/ per participant (inclusive of course material, luncheon and other expenses). DD in favour of *The Registrar, Jamia Millia Islamia*, payable at New Delhi.

HOW TO APPLY

Interested applicants should write an email to the FDP Coordinator at ahansari@jmi.ac.in mentioning their interest to attend the programme on or before March 5, 2014 (by 4pm).

Confirmation of participation: **On First-Come First-Serve basis.**

ABOUT CENTRE FOR MANAGEMENT STUDIES

Jamia Millia Islamia in order to respond to the ever-increasing demand for Full Time quality MBA programme established an autonomous Centre for Management Studies approved by the Executive Council of the University. The University constituted an Advisory Committee under the chairmanship of the Vice chancellor with prominent academicians and professional in management and business education as member to oversee and guide the programme of the Centre. The Centre for Management Studies presently offers four programmes viz. Ph.D. in Management, MBA (Full-Time) as well as MBA (Executive) Programmes and MIB Programme.

FDP Coordinator

Dr. Amirul Hasan Ansari
Associate Professor
Contact No.: 09891891464
Email: ahansari@jmi.ac.in

SPSS FDP Programme

Timings	Content
09:00AM to 09:30AM	Registration
9:30 AM to 11:30 AM	Introduction to SPSS Statistics, Data Handling, Data Preparation, Missing Value Analysis, Building & Editing Charts, Creating & Editing Graphboard Visualizations including SPSS Maps.
11:30 AM to 11:45 AM	Tea Break
11:45AM to 01:00PM	Descriptive Statistics, Dimension Reduction (Factor Analysis), Classification & Segmentation Techniques, T-tests and ANOVA.
1:00 PM to 2:00 PM	Lunch Break
2:00 PM to 3:30 PM	Predictive Techniques:- 1. Automatic Linear Modeling. 2. Regression Analysis. Time Series Modeling and Forecasting. MANOVA.
03:30PM to 03:45PM	Tea Break
03:45 PM to 05:00PM	Decision Trees, Neural Networks and Custom Tables.



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Jamia Millia Islamia
A Central University

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REGISTRATION FORM

Name (Mr./Ms/Dr./Prof.):

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Organisation/ Institute:

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Designation:

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Address:

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Phone: Fax: Email:.....

Amount Rs. 1000/-

Enclosed: Bank Draft

Draft No: Date Bank & Branch:

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drawn in favour of The Registrar, Jamia Millia Islamia, payable at New Delhi.

Date:Place:Signature.....

**Please send the completed form after confirmation of your participation by
March 5, 2014 to:**

Dr. Amirul Hasan Ansari

Coordinator, FDP-SPSS

Centre for Management Studies

Jamia Millia Islamia, New Delhi - 110025

Tel : 011-26985519

Mobile : 09891891464