

Jaipuria Institute of Management, Noida
presents
**Faculty Development Program on
ADVANCED DATA ANALYSIS
THROUGH SPSS & AMOS**

June 20-21, 2016



Jaipuria Noida takes pride in announcing it's **26th National Ranking** amongst all Management Institutes, conferred by NIRF (National Institute of Ranking Framework) under the ministry of HRD, Govt. of India.

Introduction

Many researchers find data analysis and interpretation as a challenging and arduous passage in the research process. Thanks to packages like SPSS, AMOS that has made the research endeavor easy. Still, the researchers seek the help of experts who can skillfully use the statistical tools available at our disposal. This workshop aims to educate current as well as future researchers in social sciences in the application of statistical tools, in extracting meaning from the collected data. This workshop using SPSS, AMOS 21.0 aims to eliminate the quantitative skills deficit which exists among many social science researchers. The workshop will be skilled oriented and would emphasis hands-on data analysis through case-studies and exercises.

Objectives of the program

1. To help the participants in interpreting output from software packages like SPSS and AMOS.
2. To give its participants hands-on experience working with Structure Equation Modeling (SEM).
3. To enhance the quality of research in the B-schools.



Program Schedule

Duration	Topic
Day 1 - June 20, 2016	
10:00 AM - 11: 30 AM	<ul style="list-style-type: none">• Introduction to Factor Analysis (EFA)• Advantages of Factor Analysis• Multi-collinearity
11:30 AM - 11:45 AM	Tea Break
11:45 AM - 01:15 PM	<ul style="list-style-type: none">• Methods for Factor Analysis• Principal Component Analysis (PCA)• Exploratory Factor Analysis (EFA)
01:15 PM - 02:00 PM	Lunch Break
02:00 PM - 03:30 PM	<ul style="list-style-type: none">• Introduction to Confirmatory Factor Analysis (CFA)• EFA vs CFA
03:30 PM - 03:45 PM	Tea Break
03:45 PM - 05:00 PM	<ul style="list-style-type: none">• Application of CFA (Applying Fit Indices)• Higher order factors Mediation/Moderation, Analysis using Bootstrapping
Day 2 - June 21, 2016	
10:00 AM - 11:30 AM	<ul style="list-style-type: none">• Introduction to Structural Equation Model (SEM)• Hands on experience in Analysis of Moment Structure (AMOS)
11:30 AM - 11:45 AM	Tea Break
11:45 AM - 01:15 PM	<ul style="list-style-type: none">• Hands on experience in Analysis of Moment Structure (AMOS) contd..• CFA - Measurement models and SEM - Path Models
01:15 PM - 02:00 PM	Lunch
02:00 PM - 03:30 PM	<ul style="list-style-type: none">• Hands on experience in SEM using AMOS
03:30 PM - 03:45 PM	Tea Break
03:45 PM - 05:00 PM	<ul style="list-style-type: none">• Mediation and moderation effect
05:00 PM - 05:30 PM	<ul style="list-style-type: none">• Valedictory and Certificate distribution

Who can attend

Academicians, practitioners, research scholars, anyone who wants to develop a holistic view on the advanced statistical tools and its interpretation. SPSS and AMOS software training is intended to instill confidence in data analysis and its interpretation. Corporate and educational Institutes can sponsor their employees.

About Jaipuria Institute of Management, Noida

Jaipuria Institute of Management-Noida, established in 2004, is a constituent of Integral Education Society led by noted textile industrialist Mr. Sharad Jaipuria. The Society has a distinction of efficiently managing many educational institutions in India, the first dating back to 1945. Our sister management institutes are located in Lucknow, Jaipur and Indore. Committed to delivering excellence in management education, at Jaipuria, Noida ('A' Grade Accreditation by NAAC; Ranked 31st among the top B-Schools in the country by NHRD (2013); Ranked 5th among top B-school of Excellence and 37th among all national B-schools, by Competition Success Review-GHRDC B School ranking (2013); 'A++' by Business India: Best B-School Survey and Business & Management Chronicle), the institute offers the AICTE approved PGDM programs besides engaging in research, corporate training and consultancy interventions. The Institute is housed in its own modern, aesthetic and wired campus equipped with the state-of-the-art learning equipment in the class rooms and computer labs, besides a rich library. Our institute has established international linkages with international academic institutions in countries such as Finland, USA, Thailand, Taiwan, Switzerland and Sweden.

Programme Coordinator:

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Fee Details & Payment Method

Fee for program ₹3,000.

Payable to **Jaipuria Institute of Management, Noida**



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