



# MAHARAJA AGRASEN INSTITUTE OF MANAGEMENT STUDIES

(A unit of Maharaja Agrasen Technical Education Society)

Affiliated to GGSIP University; Recognized u/s 2(f) of UGC

Recognized by Bar Council of India; ISO 9001: 2015 Certified Institution

Maharaja Agrasen Chowk, Sector 22, Rohini, Delhi - 110086, INDIA

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## Report

### FDP on Data Analysis for Research using SEM & Panel Data.

**June 11-18, 2018**

Maharaja Agrasen Institute of Management Studies organized One week Faculty Development Program on Data Analysis using SEM & Panel data from 11<sup>th</sup> – 18<sup>th</sup> June 2018. The FDP was inaugurated by Dr. Nand Kishore Garg, Founder Chairman, MATES along with Prof. M.K. Bhat, Director, MAIMS and Prof. Sangeeta Malik, Dean, MAIMS. There were 62 participants who attended the FDP. First session was taken by Dr. Sachin Gupta on the basics of research followed by hypothesis testing and regression analysis. He also explained and helped participants in understanding the applicability of various techniques. The sessions from 12<sup>th</sup> – 14<sup>th</sup> June 2018 were delivered by Dr. Neeraj Kaushik. He focused on scale building, exploratory factor analysis, Confirmatory factor analysis along with structured equation modelling. These enormous learning sessions ended with understanding of Moderation & Mediation effect. The last two days 15<sup>th</sup> – 16<sup>th</sup> June 2018 were taken by Dr. Ajay Chauhan. He focused on more advanced data analysis technique i.e., panel data. The eminent resource person tried to make participants familiar with the basic meaning of panel data, its applicability and how the data must be organized for application of panel techniques. Many models have been discussed i.e., within & between effect, random & fixed effect model as well as dynamic models. This FDP saw the participation from various universities & colleges across India to name a few IIM Lucknow, IIT, Jamia, IGNOU, Delhi university, Amity university, Banaras Hindu university and others. All the participants appreciated the efforts of the organizers as well as shown their interest in the more future workshops. The FDP is concluded with certificate distribution to the participants.



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