Centre of Banking & Finance along with Research Committee of Jaipuria Institute of Management, Lucknow organizes 2 day FDP on *Econometrics & Structural Equation Modelling (SEM)* — September 17-18, 2016 —
ABOUT THE WORKSHOP

Econometrics is an important area of study because it strives to test economic theory by examining empirical evidence. The applications of Statistics and Econometrics are becoming increasingly important for analyzing the problems of different sectors like Industry, Agriculture to the Service sector e.g. Health, Education, Public Finance, Banking and Insurance etc. The applications of these analytical tools by using software have made a revolutionary transformation.

Major applications of structural equation modeling include causal modeling / path analysis, which hypothesizes causal relationships among variables and tests the causal models with a linear equation system. Use of SEM is commonly justified in the social sciences because of its ability to impute relationships between unobserved constructs (latent variables) from observable variables. SEM includes confirmatory factor analysis, path analysis.

The schedule of the workshop is aimed at a topic wise brief discussion on theory followed by thorough practical sessions.

THE WORKSHOP WILL BE COVERING FOLLOWING AREAS IN THE SUBJECT

DAY-1
Session - I : Basic characteristics of Time Series, Introduction to E-Views
Session - II : Stationarity & Unit Root Test
Session - III : ARCH and GARCH Models
Session - IV : ARIMA Modelling

DAY-2
Session - I : Logit & Probit Models
Session - II : Confirmatory Factor Analysis using Amos
Session - III : Path Analysis using SEM
Session - IV : Path Analysis using SEM

The workshop will focus primarily on using practical aspects of the above mentioned techniques which can be applied in higher research. Participants will also be exposed to relevant software that is required for executing these tools.
ABOUT RESOURCE PERSON

Prof. Sanjay Rastogi is Ph. D. in Statistics, qualified CSIR-UGC JRF-NET in Mathematical Sciences. He has academic experience of more than twenty years. Currently he is associated with Indian Institute of Foreign Trade (IIFT), New Delhi. He has been Adjunct Faculty to Indian Institute of Management-Lucknow (both at Lucknow & Noida Campuses), IMT-Ghaziabad, MDI-Gurgaon, MANAGE-Hyderabad etc. He has some international assignment too to his credit including various programmes, training sessions and FDPs at Rwanda, Uganda, Kenya, Tanzania, Botswana etc. He has been project-lead and project-member to number of projects sponsored by central and state governments. He has around 25 publications in various category international and national journals and also co-authored the famous book "Statistics for Management' by Pearson publications.

He is a member of the Working Group for the conduct of 74th round of National Sample Survey, under Ministry of Statistics & Plan Implementation (MOSPI), GOI and Sectoral Innovation Cell of Department of Commerce, Ministry of Commerce & Industry, GOI. He is also a Jury Member for Innovation Awards in Commerce, institute by Department of Commerce, Ministry of Commerce & Industry. He has held many administrative positions at IIFT also.

He has taken more than 300 sessions in various FDPs/MDPs on the area of Business Research, Multivariate Data Analysis, Marketing Research, Econometrics and Time-Series Analysis, Structural Equation Modelling etc.

ABOUT JAIPURIA INSTITUTE OF MANAGEMENT LUCKNOW

Established in 1995, Jaipuria Lucknow is committed to provide quality education and develop students into successful and responsible business leaders and entrepreneurs. Led by veteran management guru and most sought after corporate trainer Dr. M Ashraf Rizvi; the Institute has a pool of highly experienced full time faculty, duly supported by experienced industry managers and academicians as visiting faculty.

Located in Gomti Nagar, the state of the art campus comprised of fully equipped conference halls / class rooms, auditorium with wi-fi facility. The library has a rich collection of on-line as well as hard bound books and journals. Beside this, indoor and outdoor sports facilities, a swimming pool and separate well-furnished hostels for men and women are available.

Working on the philosophy to provide more practical exposure to the students, live projects and interaction with various experts from industry is held throughout the duration of the programmes.

Jaipuria Lucknow, the NAAC accredited 'A' grade institute offers two year full-time PGDM, PGDM (Financial Services) and PGDM (Retail Management) and a three year part-time PGDM programme (for working executives), all approved by All India Council of Technical Education, Ministry of HRD (Govt. of India). The PGDM program is recognised by Association of Indian Universities as equivalent to MBA and accredited by NBA.
JAIPURIA LUCKNOW

‘A’ Grade Accreditation by ‘NAAC’ (UGC)
AIU Recognized, PGDM as Equivalent to MBA
7th Amongst Private B-Schools in North India (CSR-GHRDC, 2015)
36th Amongst Private B-Schools in North India (People Matters - NHRDN 2016)
12th Amongst Private B-Schools in North India (Outlook, 2015)
49th Amongst all Management Institutes in India (NIRF, 2016)