Faculty Development Program

Application of Econometrics in Research

3rd to 5th October, 2019

3-Days FDP On **"Application of Econometrics in Research"** was conducted by CMS Business School, Jain (Deemed-to-be University) in collaboration with The Indian Econometric Society (TIES) from 3rd October to 5th October 2019.

Day 1 – Fundamentals of Econometric Modelling

The day started with Dr. N Chandrasekhar, Dean, Executive Education, CMS Business School, Jain (Deemed-to-be University) inaugurating the program, followed by a welcome by Dr. Harold Andrew Patrick, Dean, CMS Business School, Jain (Deemed-to-be University).

Dr. K. Shanmugan, Associate Professor at the Department of Business Economics, MS University, Baroda, started the first session on the ***Introduction of Econometric Modelling***, followed by the 2nd session by **Prof. Dr. S Madheswaran** Head at Centre for Economic Studies and Policy, Institute for Social and Economic Change (ISEC), Bangalore on ***Economic Inferences***. Post lunch, the 3rd session of the day was again facilitated by Dr. K Shanmugan on ***Theoretical Applications of Econometrics*** and also gave a ***Hands-on training session*** to the participants

Day 2 – Issues in Cross-Sectional, Time-Series and Simultaneous Equation Models

The first session of Day 2 started at 9:00 AM by Dr. S Madheswaran on ***Multicollinearity and Heteroscedasity*** and he also elaborated on the topic ***Autocorrelation.*** After the lunch break, a session on ***Specification Problem and Simultaneous Equation Models*** was conducted by Dr. K Shanmugan and was followed by ***Hands-on Training***.

Day 3 – Theory and Applications of Time-Series Modelling

The last day's sessions, all facilitated by ***Dr. Raja Sethu Durai***, Dr. Raja Sethu Durai, Associate Professor in School of Economics at University of Hyderabad. He started with ***Introduction to Time-Series Modelling and ARIMA Models*** followed by ***Co-integration, Error Correction Models, and Applications.*** Post lunch, he conducted a session on ***VAR Models and Application*** and ***Volatility Modelling and Applications.***

There were many participants from various parts of the country such as NIT Karnataka, NIT Trichy, Loyola College Chennai, Pandit Deendayal Petroleum University Gujarat, Central University of Tamilnadu, Kannur University, North Orissa University, P.E.S. College of Engineering Mandya, CHRIST (Deemed-to-be University), and many more.

The three day long FDP was highly informative and enriching learning experience for the participants. It brought together researchers, faculty, and doctoral students to understand Econometric analysis which is one of the main branches of Statistics and how it helps in data analysis with numerous applications in Business, Industry, and related disciplines such as Finance, Commerce, and was an immense capacity building acquirement.

The program ended with a Valedictory message and the distribution of certificates to all the participants.