

Research Committee Report for Academic Session: 2018-19

Applied research in the field of economics, finance, management and commerce, requires knowledge of advanced statistical techniques and sophisticated software. Keeping this in view, the Research Committee of the college organized its first one week long Faculty Development Programme of the academic session 2018-19, from 8 to 14 June, 2018, on 'Research Techniques for Cross-Sectional, Time Series and Panel Data'. It aimed to help participants to understand the suitable methodology required to address key issues in dealing with -cross-sectional, time series and panel data types and to familiarize with hands on application of two software- Eviews and Stata. The three resource persons, namely, Dr. C.P.Gupta, Professor at Department of Financial Studies, Dr. Ananya Ghosh Dastidar, Associate Professor at Department of Business Economics, and Mr. Narain, Assistant Professor at Faculty of Management Studies, University of Delhi conducted two days session each. The FDP was attended by 50 participants comprising research scholars pursuing and teaching faculty members from Delhi and other Universities.

A workshop on Microsoft PowerPoint, titled "How to make a good PPT" was conducted by the Research Committee in association with Department of Computer Science on 24th and 25th July, 2018 for the college faculty.



Ms. Megha Ummat and Ms. Sugandha Gupta provided hands-on sessions to the college faculty about different functionalities of power point. The workshop focused on advanced power point features such as adding hyperlinks, smart art, inserting equations and charts in slides, slide transitions and slide animations.

Further, in our pursuit to make Research a continuous process, a half-day Workshop titled “Anova, Ancova and Mancova Techniques of Analysis using SPSS” was organized on 17th August, 2018, in the Computer Science Lab. The main objective of the workshop was to familiarize teachers with techniques used for analyzing qualitative data. Dr. Prabhat Mittal, Assistant professor at Satyawati College (Evening), University of Delhi, was the resource person. Some specialized topics such as repeated measures analysis of variance, non-metric analysis of variance, and multivariate analysis of variance were also briefly discussed. The workshop was attended by 25 members of our college teaching faculty. Teachers were given hands on training using SPSS software for an hour, and the session ended with an absorbing interactive session.



To develop a shared understanding of the importance of innovation and entrepreneurship, a Faculty Workshop on “Innovation and Entrepreneurship” in association with Sydney Business School, University of Wollongong, Australia was jointly organized by the Research Committee and Internal Quality Assurance Cell (IQAC) of our college, from 14-19 January, 2019. Professor Grace McCarthy, Dean, Sydney Business School, conducted all the sessions. Participants learned about different approaches of taking ideas from inception to pitch and experienced interactive ways of learning in relation to innovation and entrepreneurship.



A one-day workshop, on 'Research Techniques for Analysis of Qualitative Data using AMOS and R-software', was organized on Saturday, 16th March, 2019 for research scholars and young faculty members for understanding theoretical and empirical issues involved in selection of a research problem with special emphasis on qualitative approaches to the research. Dr. Hamendra Dangi from the Department of Commerce, Delhi School of Economics was the resource person for the workshop. Many contemporary methods in data analysis with Hands-on training using AMOS software and R-software were covered in the workshop.

Recognizing that basic proficiency in MS Excel is essential for research and to inculcate the habit of research amongst students, a training session on 'Microsoft Advanced Excel Techniques' was organised by the Research Committee and Department of Economics on the 23rd and 29th September, 2018 for first and third semester students of B.A. (Hons) Economics. The basic objective of this training session was to help students learn, how to analyse data effectively using advanced functions, creating Lookups and data tables, managing large lists of data, creating Pivot Tables and Pivot Charts etc.

Research Incentive Award for the Academic Session: 2018-19

The College Governing Body this year, initiated seed funding to encourage research by faculty. Faculty getting their research published in Scopus or Web of Science listed journals would get a monetary incentive of INR 10,000/- subject to a maximum amount of INR 20,000/- per academic year.

For the Academic session 2018-19, the following teachers got Research Incentive Award:

1) Dr. Neha Goyal, Department of Environmental Studies, received an Award of Rs. 20,000/- for her below mentioned articles:

- Goyal, N. and Sharma, G.P. (2019) It takes two to tango: variable architectural strategies boost invasive success of *Lantana camara* L. (sensu lato) in contrasting light environments. *Biological Invasions*, 21, 163-174 (ISSN Number: 1573-1464; Impact factor: 3.01)
- Rana, K., Goyal, N. and Sharma, G.P. (2018) Staging stewards of agro-ecosystems in the ecosystem services framework. *Ecosystem Services*, 33, 89-101 (ISSN Number: 2212-0416; Impact factor: 4.395)
- Goyal, N., Shah, K. and Sharma, G.P. (2018) Does intrinsic light heterogeneity in *Ricinus communis* L. monospecific thickets drive species' population dynamics? *Environmental Monitoring and Assessment*, 190, 410 (ISSN Number: 0167- 6369; Impact factor: 1.804)
- Goyal, N., Esler, K.J. and Sharma, G.P. (2018). What drives performance potential of *Lantana camara* L. (sensulato) in the invaded range? *Tropical Ecology* 59, 57-68 (Covered by DST-NRF Centre of Excellence for Invasion Biology, http://academic.sun.ac.za/cib/news/2018/0619_residence_time.html) (ISSN Number: 0564-3295; Impact factor: 1.189)

2) Ms. Megha Ummat, Department of Computer Science received an Award of Rs. 20,000/- for her below mentioned articles:

- Threats to Validity in Search-Based Prediction Modeling for Software Engineering, *IET Software*, vol. 12, no. 4, pp. 293-305, ISSN: 1751-8806, August 2018.
- Particle Swarm Optimization-Based Ensemble Learning for Software Change Prediction, *Information and Software Technology*, Elsevier, vol. 102, pp. 65-84, ISSN: 0950-5849, October 2018.
- An Empirical Study to Evaluate the Relationship of Object-Oriented Metrics and Change Proneness”, *International Arab Journal of Information Technology*, vol. 15, no. 6, pp. 1016-1023, ISSN: 1683-3198, November 2018.

Journal of Business Thought: Volume 10

With the objective to provide a platform that encourages research scholars and academicians to share contemporary thoughts in related fields of business and economics, our college publishes an annual refereed journal titled 'Journal of Business Thought'. It focuses on quality research work and publishes original research papers and recent updates on policy changes at national and global levels. The college published the ninth volume (April 2018-March 2019) of its journal that included six research articles authored by professors, associate professors and research scholars of various universities on many current topics such as, demonetisation, inflation, productivity and employment in Indian Industries. It is heartening to inform that our journal is now available in print as well as online. The college has also been able to procure E-ISSN number. Further, the visibility of the journal has increased with its indexation in various platforms including, I-scholar, J-gate and Indian Citation Index (ICI). Efforts are also being made to index our journal in Scopus.
