

**One Week National Workshop
On
Analytical Techniques for Research**



(23rd December, 2012 - 29th December, 2012)

**ORGANISED BY
DEPARTMENT OF COMMERCE
M D UNIVERSITY, ROHTAK
IN COLLABORATION WITH
GLOBAL NETWORK OF BUSINESS RESEARCHERS**





Prof. Ravinder Vinayek
Head

The Department of Commerce is committed to building and enhancing research orientation amongst commerce students. While attempting to achieve this objective the Department is organising a workshop which will train the students in the areas of Quantitative Techniques, Research Methodology and Use of latest technology and software for improving the quality of research.

Multivariate data exploration is an integral requirement of business executives and researchers. Business researchers, many a time, find themselves severely constrained in their research works due to lack of adequate understanding of statistical analysis and techniques. Research data often remains unanalyzed and unpublished on this account. Building awareness, understanding, and appreciation of the systematic use of statistical methods, software, and analytical techniques is vital for growth as a business researcher. The goal of this workshop is to help improve the statistical and analytical skills of business researchers.

This workshop “Analytical Techniques in Research” is aimed at improving the research orientation of researchers and faculty members in the discipline of commerce, management and allied areas. The workshop is designed to provide an interactive platform to enhance understanding of advance statistical techniques as well as providing hands-on experience in analyzing data using computer for statistical analysis.

Global Network of Business Researchers :

The Global Network of Business Researchers is a network dedicated to promoting high quality business research to contribute to sustainable development in the country. A dedicated conglomerate of researchers, trainers, business executives, professionals and academicians have established this network with the core objective to build strong research capacity in the country and to encourage the production of independent, high quality business research. It also aims at disseminating research output to a wide and diverse audience.

To achieve these objectives, the Forum carries out a portfolio of activities. These include mobilizing funds for well-conceived proposals; managing carefully selected regional research initiatives; providing training and mentoring programs to junior researchers; organizing seminars and conferences based on research outcomes; and publishing research output through various types of publications, including working papers, books, policy briefs and the *Forum* newsletter.

Key Highlights

The key highlights of the workshop are:

- Hands on training sessions on data handling, analyzing and deriving preliminary results.
- Practice Sessions with model exercise.
- Discussion on the underlying assumptions of the statistical tools.
- Discussion on common errors in research.
- Discussion on, how to interpret results and how to report them.

For Whom

The contents of the workshop are designed for the Faculty Members, Researchers, M. Phil. Students, and Pre Ph. D. Students in the discipline of Commerce, Management and allied areas.

The Dates

The Workshop is proposed to be organised from December 23, 2012 to December 29, 2012.



The Participants

The workshop on “Analytical Techniques for Research” will be open to the Faculty Members, Students of M. Phil., Pre Ph. D. Students and Research Scholars of Commerce, Management and related disciplines. The workshop shall also be open to the teachers working in the University Departments and Colleges. The total number of participants shall be restricted to 50.

The Venue

The venue for the One Week National Workshop shall be ‘Lecture Theatre of Institute of Management Studies & Research (IMSAR)’ Maharshi Dayanand University, Rohtak.

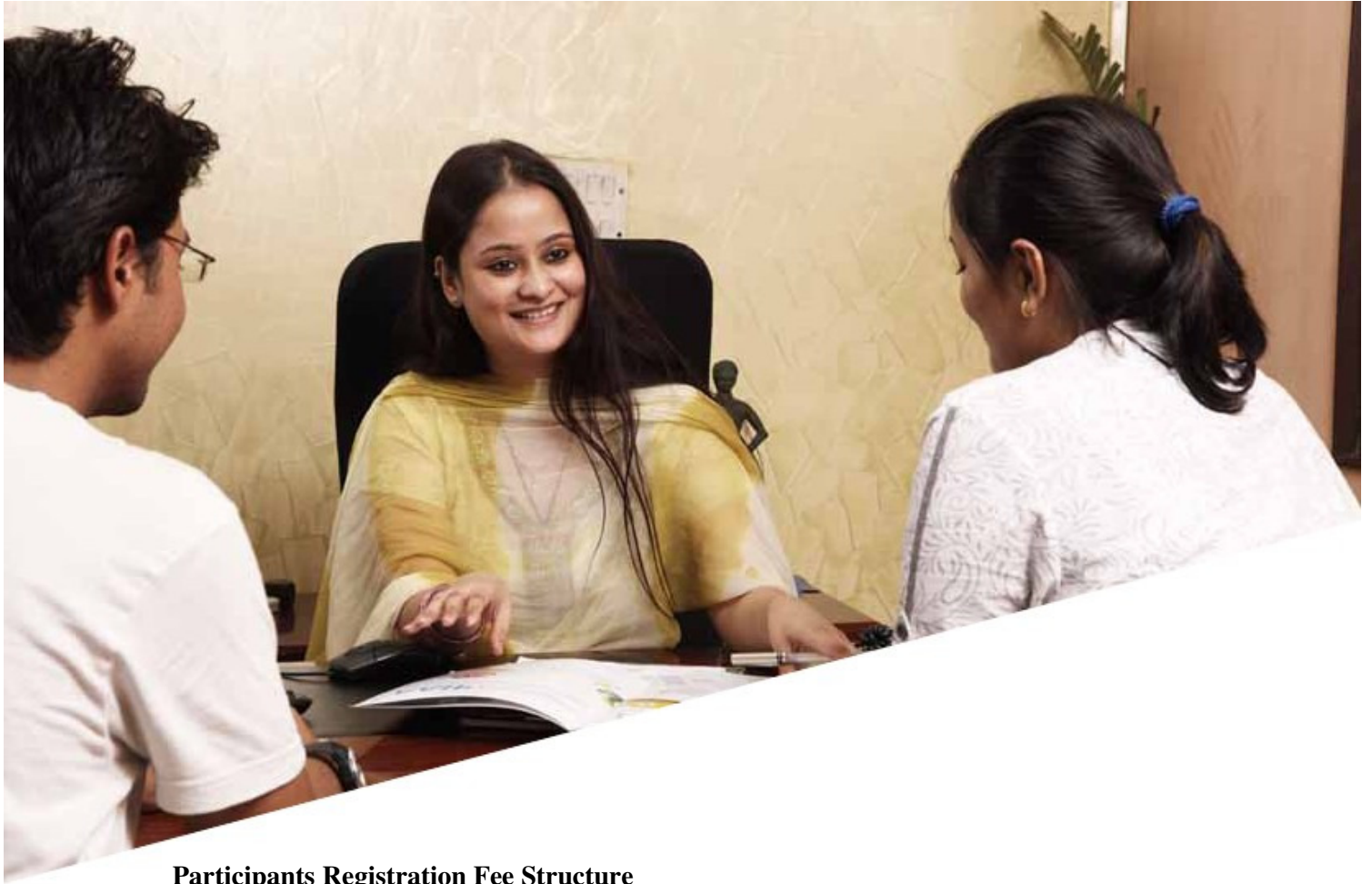
Important Note

The workshop shall be focusing on giving hands on training in the use of software for statistical analysis and interpretation. All the participants must bring their **own Laptops and Power Cords.**



The Workshop Programme

Date	Session-I	Tea	Session-II	Lunch	Session-III	Tea	Session-IV
	9.30-11.00		11.30-1.00		2.00-3.30		4.00-5.30
23-12-2012 (Sunday)	Handshake with Research Methodology		Introduction to SPSS, Data Entry in SPSS, Data Screening, Transformation		Data Cleanliness and Data Normalization		Data Editing and Descriptive Analysis
24-12-2012 (Monday)	Sources of Information for Researchers		Data Diagnostics & Data Collection Techniques		Hypothesis Testing – I Parametric Test		Hypothesis Testing – II Parametric Test
25-12-2012 (Tuesday)	Hypothesis Testing – I Non-Parametric Test		Practical Session		Hypothesis Testing – II Non-Parametric Test		Practical Session
26-12-2012 (Wednesday)	Regression Analysis-I		Practical Session		Regression Analysis - II		Practical Session
27-12-2012 (Thursday)	Regression Analysis and Testing of Assumptions - I		Practical Session		Regression Analysis and Testing of Assumptions - II		Practical Session
28-12-2012 (Friday)	Factor Analysis		Confirmatory Factor Analysis		Structure Equation Modelling - I		Structure Equation Modelling - II
29-12-2012 (Saturday)	Discriminant Analysis-I		Discriminant Analysis-II		Conjoint Analysis		Cluster Analysis



Participants Registration Fee Structure

	Amount (Rs.)
(a) M. Phil./ Pre- Ph. D. students and Teachers of the Dept. Of Commerce	@ Rs.2,000
(b) Ph. D. Students of the Dept. of Commerce (Registered/Approved by PGBOS) and M. Phil/ Pre. Ph. D students of other Depts. of M.D.U. Rohtak	@ Rs.3,500
(c) Other Participants	@ Rs.5,000*

*** Notes:**

1. Accommodation can be arranged in the University Guest House for which the participants will have to make payment at prescribed rates.
2. Participation fee includes lunch and tea in between the sessions, the supply of course materials, and other support services.

For Registration Contact :

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For further enquiries, contact the following persons:

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REGISTRATION FORM

Name of participant (Dr./Mr./Mrs./Ms.): _____

Designation: _____

Company/Institute/University:

Address: _____

City: _____ State: _____ Pin Code: _____

Telephone: _____ (with STD code) Fax: _____ (with STD code)

E-mail: _____ Cell: _____

Qualifications: _____

Experience (years): _____ Age: _____

Reasons for Attending the Workshop:

Registration Fees shall be accepted in cash only. Registration shall be on first come first serve basis.

(Signature)

