

**FIVE DAYS WORKSHOP
ON
RESEARCH METHODOLOGY IN
STATISTICAL ANALYSIS USING SPSS**

February 14th-18th, 2020



Organized by



Bhartiya Vidya Mandir [BVM] College of Management Education

YAMUNA NAGAR, DARPAN COLONY, THATIPUR, GWALIOR

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ABOUT THE WORKSHOP

Research is undertaken within most profession. More than a set of skills, it is a way of thinking: Examining Critically the various aspect of your professional work. Search for knowledge or any systematic investigation to establish facts is research. It is about searching systematically for solutions to problems, for analysis the result statistical device is required. Statistical device not only provides a way of summarizing the data into quicker and manageable information but also helps the researcher to make decisions whether relationship between two or more variables are actually real ones.

Research methodology will establish the importance of systematic approach and formulation of the theory based on these approaches. It will inculcate scientific and inductive thinking and will promote the development of logical habits of discerning and also develop organizational skills.

In this five day Workshop will be focus on bringing to expertise in high quality research. The workshop begins with introduction to research and moves on to some unique aspects like theory building and conceptualization.

LEARNING OUTCOMES

Completion of this workshop the participants should

- * Understand the meaning of research problem;
- * Comprehend the importance of research methodology in research study
- * Develop the styles and approaches to write the technical papers and reports
- * Develop an understanding for selecting tools & approaches for data analysis
- * Establish a relationship between the key aspects of research and heritage studies
- * Understanding the application of tools for data analysis
- * Interpretation of result and using reference styling

WHO SHOULD ATTEND

The workshop is designed for research scholars, faculty members of business schools, industrialists interested in doctoral or other research work in the area of management (and other behavioral science areas such as Marketing, HR, Commerce & Finance, Education, Psychology, Sociology, Public Administration, Economics etc.).This workshop will also be useful for teaching courses in research methodology, marketing research and other research oriented courses.

SCHEDULE OF WORKSHOP

Date & Day	Session & Time	Topic Covered in Session
14 Feb. Friday Day -1	09:30 – 10:00	Inaugural Session
	Session-1 10:00 – 11:30	Research Methodology and its overview
	Session-2 11:30 – 01:00	Understanding nature of research data
	01:00 – 01:30	Lunch
	Session-3 01:30 – 03:00	Descriptive Analysis-Practice session
	Session-4 03:00 – 04:30	Concept of hypothesis testing

15 Feb. Saturday Day -2	Session-1 10:00 – 11:30	Practice session for t- test and F-tests.
	Session-2 11:30 – 01:00	How to develop an empirical study.
	01:00 – 01:30	Lunch
	Session-3 01:30 – 03:00	Different research designs with ANOVA analysis
	Session-4 03:00 – 04:30	Solving ANOVA One way, Two Way
16 Feb. Sunday Day -3	Session-1 10:00 – 11:30	Data Reorganization with SPSS for survey study
	Session-2 11:30 – 01:00	Determining sample size & Power analysis in experimental research
	01:00 – 01:30	Lunch
	Session-3 01:30 – 03:00	Correlation & Regression Analysis
	Session-4 03:00 – 04:30	Correlation & Regression Analysis with SPSS
17 Feb. Monday Day -4	Session-1 10:00 – 11:30	Procedure of developing questionnaire & Reliability analysis
	Session-2 11:30 – 01:00	Reliability Validity & objectivity of a test
	01:00 – 01:30	Lunch
	Session-3 01:30 – 03:00	Applying Non-Parametric tests in survey data
	Session-4 03:00 – 04:30	Dealing with Non-Parametric correlations
18 Feb. Tuesday Day -5	Session-1 10:00 – 11:30	Practice session for ANCOVA
	Session-2 11:30 – 01:00	Introduction to factor analysis with SPSS
	01:00 – 01:30	Lunch
	Session-3 01:30 – 03:30	Practice session for Assignment & Discussion
	03:45 – 05:00	Valedictory Session

REGISTRATION FEE: 2500/-

Last date of Registration: January 31, 2020

MODE OF PAYMENT

Fee can be paid either by cash/online/Cheque or by bank draft that can be sent in favor of BVM College of Management Education payable at Gwalior. Detail of online payment is mentioned on Registration Form.

Note: Accommodation facility is available on prior information

KNOW YOUR RESOURCE PERSON:

1. Prof. J P Verma



Prof. J P Verma is currently working as Professor (Statistics), Head Department of Sport Psychology and Dean Students Welfare at Lakshmbai National Institute of Physical Education (LNIPE) and has experience of more than thirty-seven years of teaching and research. Prof. Verma has successfully guided eleven PhD candidates and has eleven books published by the international publishers like **Wiley, Springer, McGraw Hills** on research and statistics in the area of management, psychology, exercise science, health, sports and physical education, and 44 research papers/articles to his credit. He has a patent to his credit on Fitness Watch. He has acted as an expert for the Union Public Service Commission (UPSC), New Delhi, on various assignments. He was nominated by the University Grants Commission (UGC) on different committees.

Prof. Verma was a visiting fellow in the University of Sydney in 2002. He had an academic visit in Japan, Bulgaria, Qatar, Australia, Poland and Scotland and conducted numerous workshops on research methodology, research designs, multivariate analysis, and data modeling in the area of management, social sciences, physical education, sports sciences, economics, and health sciences in many of the foreign and Indian universities.

2. Prof Jagdish Prasad



Dr. Jagdish Prasad is currently working as a professor and Director, PhD programme at Amity School of Applied Sciences, Jaipur. He served Rajasthan University as a faculty of Statistics all through his life and acted as Head of the department and Principal of University Rajasthan College Jaipur. His expertise is in designing an experiment and multivariate analysis. He has published 96 research papers, produced 15 PhD in statistics, written one book and completed 3 research projects. He has conducted numerous workshops on research methodology and applied statistics in several universities and colleges of India.

3. Dr. Vishal Vyas



Dr. Vishal Vyas is assistant professor at ABV- Indian Institute of Information Technology and Management, Gwalior (India). He did his Ph.D. in financial econometrics and master's in management with finance. He has been resource person and contributory in developing several workshops, seminars, faculty/management development programs on Research Methods, Econometrics, Financial Derivatives, Financial Modeling, Project Financing. He is an adjunct faculty for collaborative research programme of G D Goenka World Institute, Gurgaon and Lancaster University, England. He has research papers to his credits in reputed journals published through Elsevier, Emerald, Inderscience, Sage, Taylor & Francis.

Chief Patrons		Patrons	Resource Persons
Mrs. Savita Singh Chairperson	Mr. Manoj Singh Kushwah Group Executive Director	Dr.M.R. Sahu Principal	Prof. J P Verma Professor (Statistics), Head Department of Sport Psychology, Dean Students Welfare, LNIPE, Gwl. Prof. Jagdish Prasad Professor & Director, PhD Programme Amity School of Applied Sciences, Jaipur, Rajasthan. Dr. Vishal Vyas Asst. Professor, Atal Bihari Vajpayee IITM, Gwalior
Contact Persons			
Mr. Umesh Gautam Head, Mgmt. Dept. Mob.: 9425121904	Dr. Naveen Sharma Asst. Professor, Mgmt. Dept. Mob.: 9654019900		
Organizing Committee			
Dr. Manoj Gurjar Dr. Amit Singh Ms. Shilpa Rathore	Mrs. Varsha Ratnaparkhe Mrs. Sonam Singh Mr. Amit Upadhyay		For Further Information and updates text & contact us at Mail: bvmrmw2020@gmail.com Mob: 9425121904, 9654019900

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DATA ANALYSIS USING SPSS**

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REGISTRATION FORM

NAME OF PARTICIPANT (IN BLOCK LETTERS):

Prof./Dr./Mr./Mrs./Ms. _____

Category: Industry/ Academician/Research Scholar's /Students (Please Tick)

Designation: _____ **Department:** _____

Institute/Company Name: _____

Address: _____

Contact No: _____ **E-mail ID:** _____

Accommodation Required: YES NO

Fee Detail: Cash/DD/Online Transfer: Amount: _____ **Date:** _____

Bank Name: _____ **Branch:** _____

- **DD/Cheque can be deposited in favor of BVM College of Management Education payable at**

Gwalior.

- **Note: Please mention your Name, Address and cont.no. on back side of DD/Cheque.**

Bank Details for NEFT/Online Transfer:

Beneficiary Name : BVM College of Management Education

Bank Name : Punjab National Bank

Bank Address : Thatipur, Gwalior

Account No : 6550002100003097

Account type : Current Account

IFSC Code : PUNB0655000

Kindly send receipt of online payment on Email: bvmrmw2020@gmail.com

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