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Founder Chancellor,
Bharati Vidyapeeth (Deemed to be University), Pune

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Bharati Vidyapeeth (Deemed to be University), Pune

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Bharati Vidyapeeth (Deemed to be University), Pune

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Vice-Chancellor,
Bharati Vidyapeeth (Deemed to be University), Pune

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Prof. Dr. Seema Gupta

Director

Bharati Vidyapeeth (Deemed to be University), Institute of
Management and Research, New Delhi

Conveners

Dr. Ritika Malik

Assistant Professor, Bharati Vidyapeeth (Deemed to be
University), Institute of Management and Research, New Delhi

Dr. Pankaj Saini

Assistant Professor, Bharati Vidyapeeth (Deemed to be
University), Institute of Management and Research, New Delhi

Co-Conveners

Dr. Megha Sehgal

Assistant Professor, Bharati Vidyapeeth (Deemed to be
University), Institute of Management and Research, New Delhi

Dr. Neetu Jain

Associate Professor, Bharati Vidyapeeth (Deemed to be
University), Institute of Management and Research, New Delhi



Contact Details

Bharati Vidyapeeth

(Deemed to be University) **Institute of
Management & Research, New Delhi**

A-4, Paschim Vihar, Rohtak Road, New Delhi - 110063 (INDIA)

Mail: bvimrconference@gmail.com

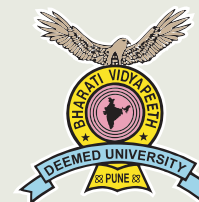
Website: <https://www.bvuniversity.edu.in/bvimr/>

Dr. Ritika Malik
+91 96507 57675

Dr. Pankaj Saini
+91 98119 60216

Dr. Megha Sehgal
+91 96542 36872

Dr. Neetu Jain
+91 98186 33268



Bharati Vidyapeeth
(Deemed to be University), Pune, India

INSTITUTE OF MANAGEMENT & RESEARCH, NEW DELHI
'A' GRADE UNIVERSITY STATUS AWARDED BY MHRD, GOVT. OF INDIA
RE-ACCREDITED WITH 'A++' GRADE BY NAAC

Organizes

FACULTY DEVELOPMENT PROGRAMME

on

Statistical Analysis using SPSS

One Week Certified Programme

May 14th -20th, 2026



About University

Bharati Vidyapeeth (Deemed to be University) Pune, is one of the top-ranking universities in India committed to providing the best academic experience. It was established by Dr. Patangrao Kadam in 1964 in Pune with the aim to provide enhanced learning opportunities and bring about intellectual awakening of people through the spread of education that would have a positive impact on the world. Today it has 8 campuses spread over different locations in India. With over 250 programmes across multiple disciplines, we have a wide range of options for our students. The cutting-edge courses in the emerging and established areas equip our students with in-depth knowledge and practical skills and prepare them to be the leaders of tomorrow.

About Institute

The motto of Bharati Vidyapeeth is 'Social Transformation through Dynamic Education'. Established in 1992, Bharati Vidyapeeth (Deemed to be University) Institute of Management and Research (BVIMR), New Delhi, A premier institution offering MBA/BBA/BCA/LLB/BBALLB, Re-Accredited with NAAC “A++”, focuses on imbining the said values across various stakeholders through adequate creation, inclusion and dissemination of knowledge in management education. The institute has over the past few years emerged in the lead with a vision of Leadership in professional education through innovation and excellence. At BVIMR New Delhi, we impart quality education in management at Doctorate, Post Graduate and Under Graduate levels. The institute has more than ten thousand alumni serving at senior position in corporate, government and legal fraternity.



About Faculty Development Programme

The Faculty Development Programme (FDP) on “Statistical Analysis using SPSS” is designed to equip participants with practical knowledge of data analysis and research methodologies. The programme covers key statistical techniques ranging from data handling and descriptive analysis to advanced methods such as regression and factor analysis, with a strong focus on hands-on training using SPSS. It aims to enhance research capabilities, enabling participants—especially students and academicians—to conduct empirical studies, interpret data effectively, and produce high-quality academic and policy-oriented research.

FDP Objectives

- To develop a foundational understanding of statistical analysis using SPSS.
- To familiarize participants with data handling, coding, and data management techniques.
- To equip participants with skills in descriptive and inferential statistical analysis.
- To enable understanding and application of parametric and non-parametric tests.
- To introduce advanced analytical tools such as correlation, regression, and factor analysis.
- To enhance research competency through practical exposure and hands-on sessions.
- To strengthen the ability to interpret statistical results for academic and research purposes.

FDP Outcomes

- After successful completion of the FDP, participants will be able to:
- Demonstrate proficiency in using SPSS for data entry, coding, and analysis.
- Apply appropriate statistical techniques based on research objectives and data type.
- Perform and interpret descriptive statistics, hypothesis testing, and normality tests.
- Conduct parametric (t-tests, ANOVA) and non-parametric statistical tests effectively.
- Analyze relationships using correlation and regression techniques.
- Interpret outputs and present findings in a structured academic format.

Programme Schedule

- **Day 1- Introduction to SPSS: Data Types, Measurement Scales, Data View and Variable View, Coding in SPSS, Importing Data Set, Handling Missing Values, Practical Session**
- **Day 2- Descriptive Statistics: Frequency Distribution, Central Tendency,Dispersion, Graphs, Test of Normality, Practical Session**
- **Day 3- Correlation and Regression: Practical Session**
- **Day 4- Test of Hypotheses: Parametric Tests (One Sample t-test, Two Sample test, ANOVA), Practical Session**
- **Day 5- Non-Parametric Tests: Chi-Square, Mann-Whitney U Test, Wilcoxon Signed Rank Test, Kruskal-Wallis Test, Practical Session**
- **Day 6- Advanced Analysis: Factor Analysis, Scale Reliability, Practical Session**
- **Day 7- Result Presentation: Exporting, Interpretation, Reporting**

Registration Fee

- Phd Scholars & Faculty Members (Other Institutions) ₹5,000 (Without Accomodation)
- Inclusion of Lunch, Kit, High Tea & Certification

For Registration



For Payment

