



PIMPRI CHINCHWAD EDUCATION TRUST'S
S. B. PATIL INSTITUTE OF MANAGEMENT
(Research Center)
Ph.D. Coursework



"Data Analysis using SPSS/Statistical Software"

17th June to 30th September 2023

Pimpri Chinchwad Education Trust's, S. B. Patil Institute of Management **in association with Savitribai Phule Pune University, Pune** organized Ph.D. Coursework on Data Analysis using SPSS/Statistical Software (Part III) from 17th June to 30th September 2023.

The Ph.D. coursework was conducted as per the guidelines given by the Savitribai Phule Pune University. This coursework is part of Ph.D. research work. For this coursework 49 Ph.D. students across the Pune registered and attended.

Inauguration Session 17th June 2023

Dr. Aishwarya Gopalakrishnan (Assistant Professor, SBPIM) welcomed and introduced the guest of Inauguration Session. The chief Guest of the session Dr. Naval Bajpai (Professor, Atal Bihari Vajpayee Indian Institute of Information Technology and Management, Gwalior) alongwith Dr. Kirti Dharwadkar (Director, SBPIM) and Dr. Bhushan Pardeshi (HOD – Research, SBPIM) were **present**.



Dr. Naval Bajpai took one day session of the Ph.D. Participants. Dr. Bajpai delivered the session on introduction to Business Research Methods and Research Methodology. He explained the various concepts of Research methodology like type of Scale of Measurements, Choosing



appropriate scale and measurement to the data, Descriptive statistics: Categorical variables, continuous variables, Probability – Types of Probability, Normal distribution, Poisson, binomial Choosing the right statistics: Overview of different statistical techniques, Decision making process. Inferential Statistics for Association: Pearson Correlation, Chi-square Test of Independence, etc.

He also explained the participants how to read the famous book written by him title” Business Research Methods” and “ Business Statistics” by Pearson India Education Services. The participants were thrilled with the knowledge and wisdom he shared with them.

18th June and 9th September 2023

Dr. Anurag Asawa (Associate Professor, Gokhale Institute of Politics and Economics, Pune) addressed the Ph.D. Corsework participants on the topic Introduction - Introduction to SPSS - Data analysis with SPSS: general aspects, workflow, critical issues - SPSS: general description, functions, menus, commands - SPSS file management. He also explained and demonstrated Input and data cleaning - Defining variables - Manual input of data - Automated input of data



and file import. Data manipulation - Data Transformation - Syntax files and scripts - Output management Descriptive analysis of data - Frequencies - Descriptive - Explore - Crosstabs – Charts, Reliability and Validity, Correlation and regression - Linear correlation and regression analysis. He extensively delivered the session and the participants were highly delighted with the knowledge he has

shared and the practical he took on the SPSS and statistical software.

16th September 2023

Dr. Lalit Prasad (Associate Professor, Dr. D. Y. Patil Institute of Management Studies, Pune) addressed the Ph.D. Coursework participants on the topic Statistical tests and testing of hypothesis using the statistical test like One way, two way, independent sample, paired sample t-test, Post hoc test, One-way ANOVA, Two way ANOVA, MANOVA Test, and other non-parametric tests. He extensively delivered the session and the participants were highly delighted with the knowledge he has shared and the practical he took on the SPSS and statistical software.



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knowledge he has shared and the practical he took on the SPSS and statistical software.

24th September 2023

Dr. Bhushan Pardeshi addressed the Ph.D. Participants on the topic factor analysis (EFA, CFA and PCA), Cluster Analysis, Multivariate Dimension Analysis, etc.

Dr. Padmalochan Bisoyi took the session on testing hypothesis with Chi square test, Logistic regression and data editing and Tabular and graphical presentation of data, Writing data analysis and interpretation and Report/Thesis writing.

30th September 2023 – Valedictory Session

The valedictory Program and Certificate distribution ceremony were conducted on 30th September 2023. Dr. Kirti Dharwadkar (Director, SBPIM), Dr. Roopali Kudare (Professor & Head Academics, SBPIM) and Dr. Bhushan Pardeshi (HOD Research, SBPIM) were present for the valedictory program. Dr. Aishwarya Gopalakrishnan introduced the guest. Dr. Bhushan Pardeshi highlighted the Ph.D. Coursework journey the One Year Journey of Ph.D Coursework Part I to completion of Part III. He also highlighted the objective of the coursework and the learnings of the coursework. Dr. Kirti Dharwadkar addressed the Participants and conveyed her best wishes to participants for successfully completion of Coursework.





Certification Distribution

Dr. Padmalochan Bisoyi Proposed the Vote of thanks.



(Group Photograph with participants)

Prepared by

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Coordinator

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HOD- Research

Dr. Kirti Dharwadkar
Director

