



**NEW AGE
EDU SERV**
Making the Future Better



WORKSHOP ON SPSS+ADVANCE SPSS

 Online (via Google Meet)



EVERYDAYS

21ST APR - 6TH MAY 2025



TIME

08:00 - 9:00 PM

Why Attend



HANDS-ON TRAINING WITH REAL-WORLD DATA



LEARN FROM INDUSTRY EXPERTS & ACADEMICIANS



CERTIFICATE UPON COMPLETION



ENHANCE RESEARCH & DATA ANALYSIS SKILLS



INTERACTIVE Q&A & PROBLEM-SOLVING SESSIONS



₹ 2199

INVEST IN KNOWLEDGE, BETTER TOMORROW!

CONTACT US



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+91 93190 21868



Website:
www.newageeduserv.com

ABOUT NEW AGE EDU SERV

New Age Edu Serv brings to the table the talent and knowledge of noted educationists and Industry Wizards who are dedicated to the cause of enriching the lives of the youth through focused value-added education and practical 'on-the-job' pragmatic training so that they can achieve their goals in terms of job opportunities that are commensurate with their dreams and aspirations,

New Age Eduserv is future-ready in terms of state-of-the-art educational and training infrastructure, dedicated faculty, a research & development wing, and a strong foundation of values dedicated to the pursuit of knowledge

INTRODUCTION

Statistical analysis plays a crucial role in research across various disciplines. SPSS is a powerful software used for data analysis and management. This 14-day intensive workshop is designed to equip participants with the fundamental and advanced skills required to conduct statistical analyses efficiently using SPSS. The workshop will cover data entry, data cleaning, descriptive and inferential statistics, and result interpretation, making it an essential learning experience for researchers, academicians, and students.

PEDAGOGY

The workshop will be conducted through an interactive and hands-on approach, ensuring practical exposure to SPSS. The pedagogy includes:

- **Lectures & Demonstrations:** Concepts explained with live demonstrations in SPSS.
- **Hands-on Practice:** Participants will work on real datasets to apply their learning.
- **Case Studies & Group Discussions:** Application of statistical techniques in research.
- **Q&A and Problem-Solving Sessions:** Addressing specific participant queries and challenges.
- **Assessment & Feedback:** Evaluation through assignments and practical exercises.

AIMS & OBJECTIVES

By the end of the workshop, participants will:

1. Understand the fundamentals of SPSS software and its interface.
2. Learn data entry, coding, and management techniques.
3. Perform descriptive statistics and explore data visualization tools.
4. Conduct inferential statistical tests, including t-tests, ANOVA, regression, and chi-square tests.
5. Interpret statistical results and prepare research reports.

Gain confidence in using SPSS for academic and professional research.

EXPECTED OUTCOMES

Participants will:

- Acquire hands-on experience in data management and statistical analysis using SPSS.
- Develop competency in applying statistical techniques for research and decision-making.
- Be able to independently conduct and interpret various statistical tests.
- Enhance their ability to use SPSS in real-world research projects.
- Improve their research skills, contributing to high-quality academic publications.

Workshop Schedule: SPSS+Advanced SPSS (14 Days)

Module 1: Introduction to SPSS & Data Management

✚ Day 1: Introduction to Statistical Analysis & Data Management in SPSS

- Understanding SPSS Interface & Data Entry
- Importing & Managing Datasets
- Data Cleaning & Transformation Techniques

✚ Day 2: Data Visualization and Statistical Measures

- Charts, Trends, and Distributions
- Descriptive Statistics & Summary Measures
- Outlier Detection & Handling

Module 2: Descriptive & Inferential Statistics

✚ Day 3: Hands-on Practice: Descriptive Statistics & Data Exploration

- Frequency Tables & Cross-tabulation
- Normality Tests & Data Screening

✚ Day 4: Parametric & Non-parametric Tests in SPSS

- t-tests, ANOVA, and Post-hoc Analysis
- Chi-square, Mann-Whitney, Kruskal-Wallis Tests

Module 3: Correlation & Regression Analysis

✚ Day 5: Correlation & Regression Analysis - Concepts & Assumptions

- Pearson & Spearman Correlation
- Simple & Multiple Linear Regression

✚ Day 6: Advanced Regression Models

- Hierarchical Regression Analysis
- Logistic Regression (Binary & Multinomial)

Module 4: Analysis of Variance (ANOVA) & Classification Models

✚ Day 7: One-way & Two-way ANOVA

- Random Effect Models
- Repeated Measures ANOVA

✚ Day 8: Cluster Analysis and Discriminant Analysis

- Hierarchical & K-means Clustering
- Discriminant Function Analysis

Module 5: Factor Analysis & Structural Equation Modeling (SEM)

📌 Day 9: Exploratory Factor Analysis (EFA) - Hands-on Practice

- Principal Component Analysis (PCA)
- Factor Rotation & Interpretation

📌 Day 10: Confirmatory Factor Analysis (CFA) & Introduction to SEM

- Basics of Structural Equation Modeling
- Model Fit & Modification Indices

Module 6: Multivariate Techniques & Model Evaluation

📌 Day 11: Multidimensional Scaling (MDS) & MANOVA

- Multivariate Analysis of Variance (MANOVA)
- Repeated Measures in Multivariate Analysis

📌 Day 12: Time Series Analysis & Forecasting

- Introduction to Time Series Models in SPSS
- Trend Analysis & Seasonality Detection


Module 7: Exploring Variable Relationships & Final Review


📌 Day 13: Exploring Relationships Between Variables & Final Q&A

- Interaction Effects & Mediation Analysis
- Hands-on Project & Case Study Discussion

📌 Day 14: Certificate Distribution

🔗 Regular Sessions (Mon-Sat):

 **Dates:** 21st April - 6th May 2025

 **Time:** 8:00 pm - 9:00 pm

ORGANIZATING COMMITTEE

PATRON

Dr. K Bose
Chairman

RESOURCE PERSON

Dr. Urvesh Chaudhury
Professor, Gitarattan International
Bussines
School, Delhi

REGISTRATION PROCESS

Instructions for Google Form Registration Process

1 Complete the Payment

- Make the payment using the provided Scan QR / UPI .
- Note the Transaction ID and take a screenshot of the payment confirmation.

2 Fill Out the Registration Form

- Enter your Full Name, Email ID, Mobile Number, State and Mention Counsellor Name.

3 Upload Payment Screenshot

- In the form, upload the screenshot of the payment receipt as proof of payment.

4 Submit the Form

- Double-check all the details before clicking Submit.
- Once submitted, your registration will be processed.

5 Inform the Counselor

- Send the payment screenshot to the designated counselor's WhatsApp or Email for verification.
- You will receive a confirmation message once your registration is verified.



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"📖 Invest in learning, unlock a better tomorrow! ⭐"