



 **Scrollwell**

7-Day National Faculty Development Program (FDP) on Data Analysis Using SPSS

Date: June 16 - June 22, 2026

Time: 7:30 PM - 8:30 PM

Mode of Delivery: Zoom Video Conferencing.

**MODE
ONLINE**

REGISTRATION OPEN

www.scrollwell.com
info@scrollwell.com



About *Scrollwell.*

Scrollwell is a dynamic and emerging organization in the education sector, dedicated to strengthening the education system and providing expertise in live training for professional development. Our commitment to excellence is reflected in our successful series of Faculty Development Programs for Digital Literacy, which have reached over 61000 faculties from July 2020 to May 2026.

At Scrollwell, we recognize the challenges posed by teachers in the digital era, and our team of experts is dedicated to equipping educators with the latest knowledge and skills to deliver effective education. Our training programs are meticulously designed to cater to the diverse needs of professionals and learners, covering themes such as Engineering, Education, Start-up, and Entrepreneurship.

Our mission is to bridge the technological gap in education and empower those who shape the future.

We are recognized by esteemed organizations including **Startup India, MSME and Skill India Supported by Start-up Bihar** and the Centre for Innovation, Incubation & Legal Entrepreneurship, Chanakya National Law University, Patna.

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07-Day National Faculty Development Program on Data Analysis Using SPSS

The 07-Day FDP on Data Analysis using SPSS is a practical and hands-on programme designed for faculty members, researchers, and scholars to develop essential skills in quantitative research and statistical data analysis. Participants will learn data coding, descriptive and inferential statistics, factor analysis, cluster analysis, and Structural Equation Modeling (SEM) using SPSS and AMOS. The programme emphasizes practical application, interpretation of results, and research-oriented data analysis techniques.

Key Highlights:

- Live interactive sessions with hands-on practice
- Data coding, tabulation, and data cleaning
- Descriptive statistics and data visualization
- Correlation and regression analysis
- Factor analysis and cluster analysis
- SEM using AMOS and path diagram development
- Interpretation of statistical outputs
- Real-world datasets and case studies
- E-Certificate of Completion and learning resources

Focus Areas:

- Quantitative Research Methods
- Statistical Data Analysis
- Correlation and Regression
- Factor and Cluster Analysis
- Structural Equation Modeling (SEM)
- Research Data Interpretation

Outcome – Participants will leave the FDP with:

- Proficiency in SPSS for research data analysis
- Skills in statistical interpretation and reporting
- Knowledge of advanced analytical techniques
- Ability to develop SEM models using AMOS
- Enhanced research and publication readiness



TOPICS TO BE COVERED

Day 1: Introduction to SPSS, Data Coding, and Tabulation

- SPSS interface and functionalities
- Data entry, coding, and variable labeling
- Data cleaning and handling missing values
- Data tabulation and summarization

Day 2: Descriptive Statistics

- Measures of central tendency and dispersion
- Data visualization using charts and graphs
- Normality testing and distribution analysis
- Interpretation of descriptive statistics

Day 3: Correlation Analysis

- Pearson, Spearman, and Kendall correlation
- Correlation matrix interpretation
- Significance testing and reporting

Day 4: Regression Analysis and Data Interpretation

- Simple and multiple linear regression
- Model building and validation
- Interpretation of regression outputs
- Hands-on practice with datasets

Day 5: Factor Analysis Using SPSS

- Exploratory Factor Analysis (EFA)
- Principal Component Analysis (PCA)
- Factor extraction and interpretation
- Scree plots and factor loadings

Day 6: Cluster Analysis

- Hierarchical and K-Means clustering
- Cluster formation and validation
- Applications in research and segmentation
- Case study-based exercises

Day 7: SEM Using AMOS – Path Diagram Development

- Introduction to Structural Equation Modeling (SEM)
- Identifying latent and observed variables
- Formulating research hypotheses
- Drawing path diagrams using AMOS
- Measurement and structural model specification



Know your **TRAINER.**

With over 28 years of industry experience and 18 years of teaching experience, I specialize in the fields of Marketing and Healthcare Management. My professional journey includes more than 10 years in administrative roles within the industry, where I have led and managed various strategic and operational initiatives.

In addition to my academic responsibilities, I am actively engaged in consultancy services for a range of organizations. These consulting engagements are carried out in collaboration with the institute.

My research interests lie in applied marketing, healthcare systems, and management practices. I have had the privilege of publishing my work in several esteemed journals, including ABDC A and C categories, Scopus-indexed journals, and platforms such as SAGE, Taylor & Francis, Emerald Publishing, IGI Global, and UGC-approved journals. I have also contributed multiple book chapters that reflect my ongoing commitment to scholarly research.

Over the years, I have presented more than 20 research papers at various national and international conferences, allowing me to stay actively engaged with the academic and practitioner communities.

Dr. Prabal Chakraborty

Professor

Lingaya's Vidyapeeth, Haryana

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Focused Audience: This FDP is going to be immensely beneficial to faculty and research scholars of all levels and in different disciplines.

Mode of Delivery: Resource Persons will deliver lectures in interactive mode and conduct hands-on sessions in FDP mode through Zoom Video Conferencing platform.

Confirmation of Participation: On receipt of registration, participants will be sent confirmation of their participation through email. Participation for this program is limited. Apply early to avoid disappointment

Learning Outcome Test: A short learning outcome test will be conducted after the session to revise what is learned. Certificates will be shared to participants attending both the session and the test.

Bonus As a Bonus to this FDP, you will get the Recorded videos of the session, Learning Resources/Step by Step Guide, and helpful E-books for self-learning

IMPORTANT:

- Attempting and submitting all the quizzes and assignments is mandatory.
- Participants should score a minimum of 80% in total to avail the programme completion certificate.
- Graded certificates will be awarded on the basis of performance. all participants need to submit online feedback for each session.
- Failing to meet any of the above conditions will result in denial of a certificate of completion to the participants.
- Registration is mandatory for participation

REGISTRATION AND CONTACT DETAILS

Program Fee:

INR 700 + Applicable GST

Registration Link:

<https://scrollwell.com/course/07-days-fdp-on-data-analysis-using-spss/>



MORE DETAILS



REGISTER HERE

Contact Us:

Jyoti Singh - Email: jyoti@scrollwell.com. **Phone:** +91 9241771430

Star-Merit System

The Star-Merit System promotes consistent learning, accountability, and engagement, while providing faculty with clear metrics to support participants' success.

It evaluates individuals across key performance indicators—attendance, assignment completion, engagement, and overall participation—ensuring recognition is based on measurable, sustained effort.

Category	What It Means	Weight
Attendance	Are you showing up on time?	25%
Engagement	Do you participate in class?	25%
Assignments	Are you submitting good work on time?	30%
Activeness	Do you help others or take initiative?	20%

Scoring Method

Each area is rated on a scale of 1 to 5. Use this weighted formula:

Final Score =

$(\text{Attendance} \times 0.25) + (\text{Engagement} \times 0.25) + (\text{Assignments} \times 0.30) + (\text{Activeness} \times 0.20)$



Certificate of Completion

This certificate is awarded to

JAYA SIKDER

from

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

has successfully completed the **07 Days Faculty Development Program on "Non - Parametric Data Analysis using SPSS"**. The program was held from **May 19 – 25, 2025**.
and was hosted by **Scrollwell**.



Roshan Kumar
Founder and CEO
Scrollwell



Dr Prabal Chakrabarty
Associate Professor
JIMS, New Delhi



Certificate ID: SW20257568 and Date of Issue: May 25, 2025
Certificate URL: <https://scrollwell.com/verify.php?certificateID=SW20257568>



Star-Merit System

Rating	Performance	Criteria Overview
1.0 ★	Very Poor	<ul style="list-style-type: none">- Rarely attends sessions- No meaningful engagement- Assignments mostly missing- Passive presence, if any
1.5 ★½	Poor	<ul style="list-style-type: none">- Infrequent attendance- Limited interaction- Few assignments submitted- Occasionally responsive
2.0 ★★	Below Average	<ul style="list-style-type: none">- Attends irregularly- Minimal participation- Late or incomplete submissions- Shows some signs of interest
2.5 ★★★½	Low Average	<ul style="list-style-type: none">- Attends over 50% of sessions- Sporadic engagement- Most assignments submitted but without depth- Limited but improving involvement
3.0 ★★★★	Average	<ul style="list-style-type: none">- Regular attendance- Participates when prompted- Submits assignments on time with basic quality- Shows consistency but lacks initiative
3.5 ★★★★½	Fairly Good	<ul style="list-style-type: none">- Above-average attendance- Engages occasionally on own- Assignments meet expectations- Demonstrates increasing initiative
4.0 ★★★★★	Good	<ul style="list-style-type: none">- Consistent attendance- Active in discussions and activities- High-quality assignment submissions- Often takes lead or helps peers
4.5 ★★★★★½	Very Good	<ul style="list-style-type: none">- Nearly full attendance- Proactively engages in learning- Assignments show depth and originality- Acts as a motivator or role model
5.0 ★★★★★★	Excellent	<ul style="list-style-type: none">- 100% attendance- Highly engaged in all sessions- Consistently exceptional assignments- Fully active, collaborative, and adds value to the group

Scrollwell Advantage



Intuitive & Detailed Explanations

"Inspiring lectures with clear, concise, and engaging explanations."

HD Videos + Crystal Clear Audio

"High-quality videos with clear audio for optimal viewing experience."



Practice Exercises, Real-Time Feedback

"Improve skills with interactive exercises and instant feedback."

Lifetime Access, Pocket Friendly

"Long-term value with budget-friendly options for continued access."



Project-based learning

"Hands-on learning through practical projects and real-world application."

Star-rated Completion Certificate

"Official recognition of completion for added credibility and motivation."

