How to Apply?

Participants interested in attending the FDP are requested to fill the Google form for the registration. The fees can be paid only by using NEFT/online mode. There is no need to send hard copy of the form.

However a copy of filled form may be mailed to the Email ID: osdataanalysisws@gmail.com (if required)

Note:

1. Seats are limited. Registration will be on first come first serve basis OR as long as the registration link is available.

2. The sessions will be conducted during 01:00 pm to 04:30 pm.

3. It is desirable for offline participants to bring their personal laptops for hands on sessions.

Link for the Google registration form is given below:
https://forms.gle/aXmFRZjU5EiHAirF6

For any queries or details contact:
Email: osdataanalysisws@gmail.com

Contact no:
Dr. Akash Asthana: +91-94510-62226
Dr. Anupama Singh: +91-87569-72667

Registration fee		
Category	**Online**	**Offline**
Faculty	@2500 INR	@3000 INR
Research Scholar	@1500 INR	@2000 INR
Corporate	@4000 INR	@5000 INR
Foreign Participant	@50 USD	@60 USD

Fee can be paid through NEFT/ Net Banking, at details given below:

Name of the Account	Head, Department of Statistics, Lucknow
Account Number	00600110227374
Bank and Branch	UCO Bank, LU Branch
IFS Code	UCBA0000060

Registration fee includes various costs associated with the organization of FDP. In case, if seats for offline mode will be available, on the spot registration facility may be provided to the interested participants.

Terms & Conditions:
1. **The FDP has limited seats: 50 for offline mode and 100 for online mode.**
2. **No accommodation or TA/DA would be provided to the participants by the University/Organizers.**
3. **Refreshment will be provided for offline participants.**
4. **It is compulsory for all the participants to attend all the sessions to get the certificate.**

One-week Faculty Development Programme
on
Multivariate Data Analysis using SPSS
(Hybrid Mode)

December 02 - 07, 2024
01:00 PM to 04:30 PM

Organized
by
Department of Statistics
University of Lucknow
Lucknow-226007
U.P., INDIA

Venue
Department of Statistics
University of Lucknow
Lucknow-226007, U.P., INDIA

ABOUT THE FDP

Multivariate Data Analysis (MDA) is a vital technique in current research scenario, as it allows researchers to analyse and interpret complex datasets involving multiple variables simultaneously. Unlike univariate or bivariate methods, which focus on single or paired variables, MDA helps uncover the relationships, patterns, and structures across several variables, making it essential for fields such as sociology, marketing, and medicine. Researchers are often confronted with multidimensional data that cannot be adequately understood using simpler techniques. MDA enables the identification of trends, correlations, and significant factors across variables, leading to more comprehensive conclusions. It offer rich insights in the field of data science and multidisciplinary research

SPSS (Statistical Package for the Social Sciences) is a well-known tool for implementing multivariate analyses, offering user-friendly functionalities to perform complex statistical tests and procedures. It facilitates the application of various multivariate techniques, such as factor analysis, multiple regression, discriminant analysis etc.

The current Faculty Development Programme is focused on enhancing the knowledge of multivariate data analysis and its applications in research. This course offers lectures and hands on practice session on various topics including multiple linear regression, Cluster analysis, EFA, Canonical correlation, MANOVA etc. In this one week FDP a candidate will be able to understand and apply statistical data analysis tools to multivariate data.

TARGET AUDIENCE

This Faculty Development Programme is beneficial for the faculty members, research scholars from Sciences, Biosciences, Social Sciences, Management, Humanities and other disciplines involving multidisciplinary research and multivariate data analysis. Corporate people from various industries are also expected to highly benefit from this program.

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ABOUT UNIVERSITY

University of Lucknow, initially known as Canning College is a 102-year-old university established on November 25th 1920. It is the first NAAC accredited A++ graded and UGC category-I state university of Uttar Pradesh. Not just that, University of Lucknow also ranks 97th among the universities and 32nd among the state funded universities of the country according to NIRF 2024. Our university has 47 department and 17 institutes/centers catering to students of all backgrounds from India and abroad. University of Lucknow has been a academic home to distinguished personalities in the field of science, politics, arts, sports etc. University of Lucknow stands for its academic excellence and integrity and aims to contribute in transforming society for a better future. The university involves in development of human resource for furtherance of knowledge through teaching, research and innovation for better service to humanity in general and our nation in particular.

ABOUT THE DEPARTMENT

Department of Statistics is among high-ranking departments of the country devoted to teaching and research in Statistics. It was initially set up in 1948 with Mathematics department, separated later in 1958 and established as Department of Statistics under the headship of Prof. B. P. Adhikari. Since the establishment, this department has witnessed eminent personalities like Prof. B.P. Adhikari, Prof. V.S. Huzurbazar, Prof. Desraj, etc. In the past 66 years, the department has earned for itself an excellent reputation in teaching and research with specialization in Statistical Inference, Survey Sampling, Bio-Statistics, Demography etc. The teachers and students have achieved eminence in India and abroad in academics, administration and multinational companies. The department is equpped with Software like SPSS, STATA, R, Epi Info, etc. Department also extends technical assistance to researchers in multidisciplinary fields.

One-week Faculty Development Programme on Multivariate Data Analysis using SPSS
Programme Schedule

DAY	SESSION	TOPIC
Day 1 **December 02**	1:00PM – 1:30 PM	Inauguration
	1:30 PM - 2:00 PM	**High Tea**
	2:00 PM - 3:30 PM	Multiple Linear Regression-1
	3:30PM – 5:00PM	Multiple Linear Regression-2
Day 2 **December 03**	1:00PM – 2:30PM	Multiple Linear Regression-3
	2:30PM – 3:00PM	**Refreshment Break**
	3:00PM -04:30PM	Exploratory Factor Analysis
Day 3 **December 04**	1:00PM – 2:30PM	Canonical Correlation
	2:30PM – 3:00PM	**Refreshment Break**
	3:00PM -04:30PM	Logistic Regression
Day 4 **December 05**	1:00PM – 2:30PM	Cluster Analysis-1
	2:30PM – 3:00PM	**Refreshment Break**
	3:00PM -04:30PM	Cluster Analysis-2
Day 5 **December 06**	1:00PM – 2:30PM	Conjoint Analysis-1
	2:30PM – 3:00PM	**Refreshment Break**
	3:00PM -04:30PM	Conjoint Analysis-2
Day 6 **December 07**	1:00PM – 2:30PM	Discriminant Analysis
	2:30PM – 3:00PM	**Refreshment Break**
	3:00PM -04:30PM	**Valedictory**