How to Apply?

Interested participants 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. (only 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 09:00 am to 5:00 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/n948hph7iV1cQZhLA

For any queries or details contact:
Email: osdataanalysisws@gmail.com
Contact no:
Dr. Akash Asthana: +91-94510-62226
Dr. Anupama Singh: +91-87569-72667
Dr. Mukesh Kumar: +91-88091-91070

Registration fee

Category	Online	Offline
Faculty	@3000 INR	@4500 INR
Research Scholar	@2000 INR	@3500 INR
Corporate	@3500 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. **Breakfast and lunch will be provided for offline participants.**
4. **It is compulsory for all the participants to attend all the sessions including hands on practices to get the certificate.**

(Accredited A++ by NAAC)
Category I

One-Week Faculty Development Programme
on
Research Methodology and Data Analysis
(Hybrid Mode)

May 27- May 31, 2024
09:00 AM to 05:00 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

Research is an essential component for advancement of knowledge and development. In the recent past, the interdisciplinary nature of research work has evolved significantly. To cope with interdisciplinary research problems and find the solutions in a better way, one needs a thorough understanding of research problems and focused research. Research Methodology is a step-by-step plan for conducting research in a systemized manner. There has been a fast-changing pattern in research over the last decade concerning approaches, analysis, validity and utility perspectives. To critically review recent research approaches, designs and appropriate data analysis tools for quality research, such platform is required.

This workshop aims to develop research aptitude among new researchers with sound knowledge of tools and techniques of statistics and to enhance the research skills of researchers through understanding the concept of the research process, including research purpose, research questions/problems, literature review, data collection and analysis and research-based writing, etc.

Objectives

1. To provide understanding of the concept and purpose of research.
2. To describe the components of the research process and their interconnections
3. To provide insights into the suitability of research design as per the objectives of the research
4. To explore data requirements, sampling schemes and questionnaire based data collection.
5. To practice exploratory data analysis, linear regression and hypothesis testing through SPSS.
6. To enable participants for impressive research writings in the form of research papers and thesis.

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 research methodology and data analysis. Corporate people from various industries are also expected to benefit from this program.

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ABOUT UNIVERSITY

University of Lucknow, initially known as Canning College is a 103-year-old university established on November 25th 1920. It is the first NAAC A++ graded and UGC category-I state university of Uttar Pradesh and has also ranked 91st in the SCImago 2024 ranking in the country for research. With 47 department and 17 institutes/centers, University of Lucknow is catering to students of varied backgrounds from India and abroad. University of Lucknow has been an academic home to distinguished personalities in the fields of science, politics, arts, sports etc.
University of Lucknow stands for 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 and later separated 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, Prof. K.V. Ramchandran, 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, Econometrics, Bio-Statistics, Population Studies etc. The teachers and students have achieved eminence in India and abroad in academics, administration and multinational companies. The department is equipped with Software like SPSS, STATA, R, Epi Info, etc. Department also extends technical assistance to researchers in multidisciplinary fields

TENTATIVE SCHEDULE

Day	Session	Topic
Day 1	9:00AM - 10:00AM	Registration
	10:00AM -11:00AM	Inaugural Ceremony
	11:00AM - 11:30AM	High Tea
	11:30AM - 12:30PM	Introduction to Research
	12:30PM - 1:30PM	Research Methodology
	1:30PM - 2:30PM	Lunch
	2:30PM - 3:30PM	Research Methodology (Contd.)
	3:30PM - 4:00PM	Tea Break
	4:00PM - 5:00PM	Problem Identification and Topic Selection
Day 2	9:00AM – 10:30AM	Research Design
	10:30AM – 11:00AM	Refreshment Break
	11:00AM – 12:30PM	Questionnaire and Schedule Preparation
	12:30PM – 1:30PM	Lunch
	1:30PM – 3:00PM	Scale and Scale Development
	3:00PM – 3:15PM	Tea Break
	3:15PM – 4:45PM	Research Ethics and Plagiarism
Day 3	9:00AM – 10:30AM	Sampling Techniques
	10:30AM – 11:00AM	Refreshment Break
	11:00AM – 12:30PM	Sample Size Determination
	12:30PM – 1:30PM	Lunch Break
	1:30PM – 3:00PM	Introduction to Statistical Analysis
	3:00PM – 3:15PM	Tea Break
	3:15PM – 4:45PM	Data Entry Using SPSS (Hands on)
Day 4	9:00AM – 10:30AM	Diagrammatic and Graphical Representation (Hands on)
	10:30AM – 11:00AM	Refreshment Break
	11:00AM – 12:30PM	Exploring the Data (Hands on)
	12:30PM – 1:30PM	Lunch Break
	1:30PM – 3:00PM	Testing of Hypothesis (introduction)
	3:00PM – 3:15PM	Tea Break
	3:15PM – 4:45PM	Testing of Hypothesis (Hands on)
Day 5	9:00AM – 10:30AM	Correlation and Regression (Hands on)
	10:30AM – 11:00AM	Refreshment Break
	11:00AM – 12:30PM	Report Writing
	12:30PM – 1:30PM	Lunch Break
	1:30PM – 3:00PM	An overview of Latex
	3:00PM – 3:15PM	Tea Break
	3:15PM – 4:45PM	Valedictory