



लखनऊ विश्वविद्यालय  
University of Lucknow

## Faculty Development Programme on Research Strategies & Use of SPSS

March 22nd-28th, 2022



Jointly Organised by

Department of Social Work  
&  
Department of Statistics  
University of Lucknow  
Lucknow

## Organising Committee



**Patron**  
Prof. Alok Kumar Rai  
Hon'ble Vice-Chancellor  
University of Lucknow



**Convenor**  
Dr. Anoop Kumar Bhartiya  
Professor & Head  
Department of Social Work &  
Director, Pt. DDU Shodh Peeth  
University of Lucknow



**Co-convenor**  
Dr. Rajeev Pandey  
Professor & Head  
Department of Statistics &  
Dean Research  
University of Lucknow



**Coordinator**  
Dr. Shashi Bhusan  
Professor  
Department of Statistics  
University of Lucknow



**Co-coordinator**  
Dr. Garima Singh  
Assistant Professor  
Department of Social Work  
University of Lucknow

## Team Members



Ms. Pragya Mishra  
Research Scholar  
Department of Statistics  
University of Lucknow



Ms. Meghna Athwani  
Research Scholar,  
Department of Statistics  
University of Lucknow



Ms. Tanzila Siddiqui  
Research Scholar  
Department of Social Work  
University of Lucknow



Ms. Amreen Khan  
Research Scholar  
Department of Social Work  
University of Lucknow

## About the FDP

Research Methodology embraces almost all the disciplines of Science, Social Science, Agriculture and Medicine and encompasses the way in which one intends to carry out their research. Thus, the current workshop will begin with some theoretical input sessions to help participants brush up on their basic research methodologies skills. It will also introduce the power and functionality of IBM SPSS software as a data analysis tool in the follow-up sessions to understand the exploratory statistical analysis of data. As a result, both theoretical and practical sessions will be scheduled so that participants may comprehend and interpret results in a meaningful way.

The aim of this FDP is to enable the participants to operate the IBM SPSS software along with building a basic understanding of the research methods and statistics to be used in the research.

## Objectives of the Programme

1. To give a broad overview of the research methodology framework by building an understanding of basic statistics.
2. To provide hands-on training in the use of IBM SPSS software.
3. To render knowledge for the statistical interpretation and graphical representation of research data.
4. To layout instructions on how to use relevant statistical tools for hypothesis testing.
5. To brief about descriptive statistical analysis, correlation, regression, and factor analysis.

## Who Can Apply?

The programme is highly interdisciplinary, hence all Faculty members, M.Phil/ Ph.D./ PDF scholars are encouraged to apply.

## Registration Process

- For registration, interested candidates are required to submit the REGISTRATION FORM through the link:

<https://forms.gle/w99B5SxMPcAtjptr6>  
latest by March 20th, 2022.

- Candidature will be confirmed only after the payment of the registration fee (screenshot of transaction must be uploaded in the registration form).
- The eligible participants will be informed through mail regarding the FDP.
- Candidature of any applicant shall not be entertained in case the Registration Fee is not paid or the transaction receipt is not uploaded.
- All the participants will have to bear their traveling expenses on their own as the organizers will not provide any allowance for the same.
- The organizing committee shall be able to provide modest and shared accommodation (chargeable) for boarding and lodging in the University Guest House/ Transit Hostel for outstation participants (first-come-first-serve basis) only after receiving the confirmation of participation well in advance.

**The Registration fee is ₹ 600/\***

*\*An amount of ₹100 per participant shall be deposited in the VC CARE FUND, University of Lucknow*

Registration will be confirmed only in receipt of full payment. While we encourage you to make online payments through the QR Code only, in case you are not able to do so, please contact us.

Scan to Pay



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## Benefits to the Participants

- Enabling the participants to conduct data analysis and rule out the dependency on a Statistician.
- IBM SPSS Software (demo version 20).
- Study material and E-book on SPSS.
- Enrichment of a participant's competency to uphold their market value in a cut throat paradigm.

## Assessment Criteria

- Regular Attendance
- Timely submission of Feedback form, and
- Performance in everyday Quiz

## Important Notice

- Participants are required to join the Telegram Group through the invite link given at the end of the google form for all the updates regarding the sessions.
- Certificates will be issued to only those participants who attend the entire program, will complete the quizzes, and submit the feedback/ attendance form.
- Participants are mandated to follow all the protocols of COVID-19 pandemic guidelines as issued by the Government.
- Participants should bring their own laptop and charger. The organizers shall not be liable for providing one to any participant.

## Contact us

Email

[fdpdsw@gmail.com](mailto:fdpdsw@gmail.com)

Mobile

**Shivam Mishra +91 6386758878**  
**Sandesh Paul +91 6388428635**  
**Gaurav Singh +91 8563859958**

## Programme Schedule

### Course Content

DAY & DATES	TIMINGS AND COURSE CONTENT		RESOURCE PERSON
	Session I 2:00 p.m. – 3:20 p.m.	Session II 3:40 p.m. – 5:00 p.m.	
DAY 1 22.03.2022 Tuesday	Inaugural & Research Methodology and Strategies in Social Sciences		Prof. Anoop Kumar Bhartiya
DAY 2 23.03.2022 Wednesday	Basic Statistics & Overview of SPSS Software and Interface and Entry of Data and Variable		Prof. Rajeev Pandey
DAY 3 24.03.2022 Thursday	Descriptive Statistics Analysis & Data Exploration		Dr. Akash Asthana
DAY 4 25.03.2022 Friday	Graphical Representation & Data Description		Dr. Shambhavi Mishra
DAY 5 26.03.2022 Saturday	Testing of Hypothesis & Correlation and Regression		Prof. Shashi Bhushan & Prof. Rajeev Pandey
DAY 6 28.03.2022 Monday	Exploratory Factor Analysis & Valedictory		Prof. Masood H. Siddiqui

## Resource Persons



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**Dr. Shashi Bhushan**  
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University of Lucknow



**Dr. Masood H. Siddiqui**  
Professor  
Department of Statistics  
University of Lucknow



**Dr. Akash Asthana**  
Assistant Professor  
Department of Statistics  
University of Lucknow



**Dr. Shambhavi Mishra**  
Assistant Professor  
Department of Statistics  
University of Lucknow