

## VENUE

Lucknow Public College of Professional Studies  
Vinamra Khand, Gomti Nagar, Lucknow 226010  
(Affiliated to University of Lucknow)  
Website: [lpcps.org.in](http://lpcps.org.in) | Email: [lpcpsfdp@gmail.com](mailto:lpcpsfdp@gmail.com)

## Vision:

Excellence for all, Excellence from all is the epitome of our academic eco system. In a caring and positive environment, the college provides education to enrich its students to manifest their full potential, to achieve high standards of excellence in academic society, research and hands on projects as well as in supportive areas of physical, cultural and social development, inculcating civic and human values.

## Mission:

To nurture individual talent to optimize their full potential and to inculcate professional, social and cultural values through holistic approach by providing world class education.

## FDP (Faculty Development Programme)

One week long FDP Programme will provide to participants a comprehensive understanding of research tools and techniques for conducting scientific understanding for collecting data, analyzing the data to have fruitful results. The programme is designed to be generic in nature for satisfying the needs of the faculty pursuing their research from academic institutions and industry personals carrying out research in any field. Various sessions will be delivered on the basis of the principles of scientific research design of experiments and statistical tools for analyzing data as machine learning tools.

## COMPONENTS OF THIS FDP:

Fuzzy Logic and FIS Using Matlab.  
Artificial Intelligence learning methods using the Matlab.  
Teaching Learning tools (Google Class Room)  
A human centered approach to the AI revolution  
Cyborg and neuralink concept  
“R” Research Environment for Statistical Computing.  
SPSS

## Hybrid (Online/Offline ) Platform:

This FDP will be organized online/offline mode.  
Participants will join in online/offline interactions during the FDP through an online/offline platform.  
All the registered participants will get Certificate.



## Registration Google Link

Registration can be done through Google Registration Form by given link or in person on the day of FDP.

## Registration Fee:

Participants: **Rs. 400**  
**Rs 200** for Internal Members  
Participants can make payment through Bank:  
A/C Name  
Lucknow Public College  
of Professional Studies - Research Cell  
A/C Number:  
**921010049516545**  
IFSC CODE:  
**UTIB0001550**  
Bank Name:  
**AXIS BANK**  
Branch:  
**GOMTI NAGAR, LUCKNOW**

Online Registration Last Date

**25 | Nov | 2022**



**LPCPS**  
LUCKNOW PUBLIC COLLEGE  
OF PROFESSIONAL STUDIES



## ONE WEEK FACULTY DEVELOPMENT Programme

RESEARCH METHODOLOGY  
AND TEACHING  
LEARNING

TOOLS

28 November | 04 December 2022

Organized by

LUCKNOW PUBLIC COLLEGE OF PROFESSIONAL STUDIES  
LUCKNOW

in collaboration

JAIPURIA INSTITUTE OF MANAGEMENT



# Organizing Secretary



**Dr. Karuna Shankar Awasthi**



**Dr. Ashish Kaushal**



**Mrs. Saloni Agarwal**



**Dr. Santosh Kumar**



**Dr. Abhay Shankar Pandey**

For further information, write us at:

lpcpsfdp@gmail.com

Contact us through WhatsApp:

Dr. Anand Kumar Rai

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## Program Schedule

Day-1, 28 November 2022	
1:00 PM- 1:10 PM	<b>Inaugural Session</b>
1:10 PM – 1:50 PM	<b>Dr. Shailesh Srivastava,</b> “Biological clock Misalignment and life style disorders”
1:50 PM- 2:10 PM	<b>Tea break</b>
2:10 PM- 3:00 PM	<b>Dr. A.K. Rai</b> “Google class room set up”
Day-2, 29 November 2022	
1:00 PM- 1:50 PM	<b>Dr. A.K. Rai</b> “Google class room assignment preparation and evaluation”
1:50 PM- 2:10 PM	<b>Tea break</b>
2:10 PM- 3:00 PM	<b>Prof (Dr.) L.S. Awasthi</b> “Introduction of Machine Learning and AI concept in research area”
Day-3, 30 November 2022	
1:00 PM- 1:50 PM	<b>Prof (Dr.) L.S. Awasthi,</b> “Fuzzy Inference System and Machine learning implementation through MATLAB”
1:50 PM- 2:10 PM	<b>Tea break</b>
2:10 PM- 3:00 PM	<b>Dr. A.K. Rai</b> “A human centered approach to the AI revolution- Cyborg and neuralink concept ”

Day-4, 1 December 2022	
1:00 PM- 1:50 PM	<b>Dr. Ankit Mehrotra</b> “Descriptive analysis using SPSS”
1:50 PM- 2:10 PM	<b>Tea break</b>
2:10 PM- 3:00 PM	<b>Dr. Ankit Mehrotra</b> “Descriptive analysis using SPSS”
Day-5, 2 December 2022	
1:00 PM- 1:50 PM	<b>Dr. Ankit Mehrotra</b> “Predictive analysis using SPSS”
1:50 PM- 2:10 PM	<b>Tea break</b>
2:10 PM- 3:00 PM	<b>Dr. Ankit Mehrotra</b> “Predictive analysis using SPSS”
Day-6, 3 December 2022	
1:00 PM- 1:50 PM	<b>Dr. Deepak Singh</b> “Statistical Analysis using R”
1:50 PM- 2:10 PM	<b>Tea break</b>
2:10 PM- 3:00 PM	<b>Dr. Deepak Singh</b> “Statistical Analysis using R”
3:00 PM- 3:15 PM	<b>Valedictory Session</b>

## Important Points:

Registration is mandatory for participation.

Attempting and submitting all the quizzes and assignments is mandatory and each participant should score at least 50% aggregate to be eligible for the completion certificate.

Graded certificate on the basis of performance will be awarded to the participants.

All the participants need to submit online feedback form end of the last session.

Failing to meet any of the above conditions will result in the denial of completion certificate.

## Organizing Committee



**Chief Patron**

**Dr. S. P Singh**

**General Manager**

**Lucknow Public College of Professional Studies**



**Patron**

**Ms. Garima Singh**  
Director



**Co Patron**

**Dr. Anil Singh**  
Principal



**Convener**

**Dr. L. S Awasthi**  
Dean Academics



**Co - Convener**

**Dr. A.K Rai**  
Head, Research Committee

## Resource Persons:

1. Prof (Dr.) Laxmi ShankarAwasthi, Professor  
Department of Computer Science, LPCPS
2. Dr. Anand Kumar Rai, Associate Professor  
Department of Computer Science, LPCPS
3. Dr. ShaileshSrivastava, Associate Professor,  
Department of Zoology, Shia P.G. College
4. Dr. Ankit , Professor, Jaipuria Institute of  
Management .
5. Dr. Deepak Singh, ProfessorJaipuria Institute  
of Management.