



(Pankaj Kumar)

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PROFILE

- **Teaching Experience 10 years;** previous roles at LBSIMDS, BBD University.
- **PhD pursing in Computer Science & Engineering in Integral University, Lucknow**
- **Clear ICAR AICE PhD-2025** entrance examination with Rank-06 and conducted by NTA.
- **UGC-NET** in Year of Passing: 2018.
- **MTech (CSE-SE)** from BBD University Lucknow, Year of Passing: 2017.
- **MCA** from AKTU Lucknow, Year of Passing: 2015.
- **B.Sc. (Physics, Mathematics)** from MGKVP Varanasi, Year of Passing: 2012.
- **Intermediate & S.S.C.**, UP Board – in Year of Passing (2008, 2006).
- **NPTEL Certification** in Computer Network

RESEARCH INTEREST:

- *Image Processing*

SUMMARY OF RESEARCH ACCOMPLISHMENT:

- Developed image-based solution for the noisy image using **Image Processing** with **PSNR** parameter to decide better quality Under the guidance of **Mr. Akhilesh K. Yadav** from **BBDU**.

PROFESSIONAL MEMBERSHIP:

- Lifetime Membership of **IAENG** an association with a non-profit organization with **membership number: 515245**.

COURSE TAUGHT:

- Discrete Mathematics, DBMS, CBOT
- Operating System, Data Structure
- Cloud Computing, Computer Network
- Blockchain Architecture, Design and Analysis of Algorithms

ADMINISTRATIVE/DEPARTMENTAL RESPONSIBILITY

- Class Co-Ordinator

- Subject Mentor of Discrete Mathematical Structure

STUDENTS SUPERVISION

- 08(BCA & MCA Students)

PUBLISHED/GRANT PATENTS/UTILITY PATENT

- Title: **Financial Management in the Era of AI and Blockchain: Enhancing ESG Compliance and Predictive Decision-Making** with Publication No: IN202511122255 A1 and Application No: 202511122255.

PUBLISHED/ACCEPTED SCI/SCOPUS RESEARCH PAPERS

- **Exploring the spectrum of dissociative symptoms in Depression: A Case-Control analysis.** *Journal of Neonatal Surgery*, Volume 14 Issue 10S, 2025, 162–169. <https://doi.org/10.52783/jns.v14.2775>. [Scopus Index Q3]
- **De-Noisy Image of Activity Tracking System in Digital Image Processing** paper published on *IRJET*, Volume 4 Issue 6, June 2017.

PAPER PUBLISHED IN INTERNATIONAL CONFERENCES/STC

- Participated in FDP held at **Online Mode** by **E & ICT Academy, IIT Kanpur** on the topic **AI for Manger** from 16/02/26 to 28/02/26.
- Participated in FDP held at **Online Mode** by **E & ICT Academy, IIT Kanpur** on the topic **Data Science (ML & AI)** from 16/02/26 to 28/02/26.
- Participated in FDP held at **Online Mode** by **E & ICT Academy, IIT Kanpur** on the topic **Data Visualization with Excel and Power BI** from 16/03/26 to 22/03/26.
- Participated in workshop of **C, C++, Java, PHP and MySQL, Linux** by **IIT Bombay** held at **SMS, Varanasi**.
- Participated in FDP held at **Online Mode** by **E & ICT Academy, IIT Kanpur** on the topic **Full Stack Development with PHP & MySQL** from 24/02/25 to 01/03/25.
- Participated in FDP held at **Online Mode** by **E & ICT Academy, IIT Kanpur** on the topic **Full Machine Learning with Python** from 17/02/25 to 22/02/25.
- Participated in FDP held at **Online Mode** by **E & ICT Academy, IIT Kanpur** on the topic **Data Structures and Algorithms (with Java)** from 24/02/25 to 01/03/25.
- Participated in FDP held at **Online Mode** by **E & ICT Academy, IIT Kanpur** on the topic **Cyber Security using AI** from 10/02/25 to 15/03/25.
- Participated in FDP held at **Online Mode** by **Integral University, Lucknow** in association with **Brainovision Solutions India Pvt Ltd**, on the

topic **AI Tools** from 17/02/25 to 21/02/25.

- Participated in FDP held at **Online Mode** by **Aligarh Muslim University, Aligarh** on the topic **NEP (2020) Orientation & Sensitization Programme** from 22/01/25 to 30/01/25 with **obtained Grade – “A+”**.
- Participated in workshop held at **Online Mode** by **Mr. Jatan Shah** on the topic **AI Dashboards using Microsoft Power BI** from 01/03/25 to 02/03/25.
- Acted as a Resource Person on **“MINDQUEST”** for **UG students of Department of Computer Applications, Integral University, Lucknow** from **08.10.2024 to 22.10.2024**.
- Acted as a Resource Person on **“Basics of Cloud Computing”** for UG students of Department of Computer Applications, **Integral University, Lucknow** on the date of **25.01.2025**.
- Acted as a Resource Person on **“SQL for Data Retrieval”** for UG students of Department of Computer Applications, **Integral University, Lucknow** on the date of **12.04.2025**.
- **Participated in STC held at Integral University, Lucknow by ISRO**, on the Course of **“Mastering Cloud Computing Essentials with AWS”** from **03/03/25 to 07/03/25** at **Integral University, Lucknow**.
- **Participated in STC held at Integral University, Lucknow by ISRO**, on the Course of **“Overview of Global Navigation Satellite System”** from **23/09/24 to 04/10/24**.
- **Participated in STC held at Integral University, Lucknow by ISRO**, on the Course of **“Space Science and Technology Awareness Training (START)”** from **09/01/25 to 29/01/25**.

PUBLISHED NON-SCI-SCOPUS BUT PEER REVIEWED RESEARCH PAPERS

- NA

BOOK EDITED/ AUTHORED

- NA

BOOK CHAPTERS

- 02
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