



**(Pankaj Kumar)**

**Assistant Professor, Department of Computer Application, Faculty of Engineering,  
Integral University, Lucknow**

**(Phone no-6386533297, Email-krpankaj@iul.ac.in)**

**<https://orcid.org/0009-0000-4613-7211>**

## PROFILE

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- **Teaching Experience 9 years**; previous roles at LBSIMDS, BBD University.
- **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:

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

## ADMINISTRATIVE/DEPARTMENTAL RESPONSIBILITY

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- Class Co-Ordinator
- Subject Mentor of Discrete Mathematical Structure

## STUDENTS SUPERVISION

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- 04(BCA & MCA Students)

## PUBLISHED/GRANT PATENTS/UTILITY PATENT

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- Pending (**Financial Management in the Era of AI and Blockchain: Enhancing ESG Compliance and Predictive Decision-Making**)

## PUBLISHED/ACCEPTED SCI/SCOPUS RESEARCH PAPERS

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- **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-Noise 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

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- 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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