

Profile



1. **Name.** : Dr Prakash Upadhyay
2. **Designation** : Assistant Professor
3. **Address.** : School of Computer Science
Xavier University Patna

▪ **Educational Qualifications :**

- PhD. in Computer Science & Engineering , Capital University , Koderma, Jharkhand
- UGC NET Qualified June 2012 (05870127) & December 2012(49870525)

4. Additional Qualifications:

Data Analysis Course: Coursera.com (Google) 2021
SUN Certified Java Programmer (SCJP 1999)
Oracle and D2K certification (SQL star International 1998)

5. **Area of Specialization** : Theory Of Computation, Compiler Design, Java, J2EE, Artificial Intelligence, Computer Oriented Numerical Technique, Data Analysis, Discrete Mathematics

6. **Teaching Experience** :

- Working as Assistant Professor in St.Xavier's College of Management & Technology ,Patna since Mar 2013
- Worked as academic counselor in IGNOU Patna (Study Center XCCS -0516(p)) since 2005 till date for BCA and MCA courses
- Worked as visiting faculty in Science college, Dept of Statistics ,MCA 2011 TO 2014
- Worked as visiting faculty in LN Mishra institute of Management, MCA in 2011

7. **Workshop/FDP**

- Faculty Refresher Course by University of Madrass 3rd Nov to 16th Nov 2024
- Attended the Faculty Development Programme on Transformative Approaches in Higher Education & Research held from 19th to 25th July 2024, organized by St.Xavier's College of Management & Technology, Patna.
- Completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher training Programme (MM-TTP) of University Grants Commission (UGC) Organized by Teaching Learning Center Indian Institute of Technology Patna from 16-30 April, 2024.
- Attended the 5-Day Faculty Development Programme on NEP 2020 held from 2nd April 2024 to 8th April 2024, Organised by St. Xavier's College of Management & Technology, Patna.
- Completed A Six-Day Faculty Development Programme on Pedagogical Emotional Competence held from 27 February 2024 to 4 March 2024, Organised by the IQAC,St. Xavier's College of Management & Technology, Patna, in collaboration with Aryabhatta Knowledge University, Patna.
- Completed Online Faculty Development Program on the Topic " Enhancing teaching with Bloom's Taxonomy & outcome-based Learning" organized by St. Xavier's College of Management & Technology, on 9th & 10th October 2023.
- Completed 5-day Faculty Development Program on "Innovations in Teaching Pedagogy and Research Trends organized by Internal Quality Assurance Cell (IQAC), Patna Women's College

(Autonomous) & St. Xavier's College of Management & Technology, Patna in collaboration with Xavier Board of Higher Education in India *(XBHEI), Bengaluru, from 3rd July 2023 to 7th July 2023.

- . FDP on AI and Machine learning from IIT Roorkee, June 2020
- FDP on Data Science with R programming from NIT Patna , May 2020
- International Workshop on “ MULTIVARIATE RANKING,PRIORITIZATION AND SELECTION IN MULTIVARIATE NON PARAMETRIC STATISTICS”.2016
- Workshop on “NATIONWIDE SENSITIZATION ON MATHEMATICS “. NIT PATNA March 2014
- Speaker One day workshop on “Advance Technology in IT” Gaya Engineering College Gaya.
- Speaker in State level Seminar “Cloud Computing: A paradigm Shift in ICT “ Patna University, Science College, Dept. of Statistics. **February 2015**
- Two day workshop on “Awareness of National Mission on Education Technology through ICT “ MHRD sponsored workshop , NIT Patna at Patna Women's College Patna

8. Members of Academic Bodies / Councils:

1. CSI Life Member

9. Paper/Book Chapter Published

Book Chapter:

1. A Chapter titled” Enhancing Urban AI-Powered Transportation Systems With Machine Learning”;published in Scopus referenced Book titled” Urban Mobility and Challenges of Intelligent Transportation Systems” IGI Global Publication

Paper Published

1. “Role of Artificial Intelligence enabled technologies in analyzing consumer sentiment: A new way to reach-out consumers world” Journal of Informatics Education and Research ISSN: 1526-4726 Vol 5 Issue 1 (2025)
2. “Recruitment Process using Federated AI: An Unbiased Approach” International Research Journal on Advanced Engineering and Management (IRJAEM)
3. ”An Anomaly and Fraud Detection Model in Online Financial Transactions: A Machine Learning Approach” International Journal of Innovations In Science Engineering And Management(iijssem) 2025
4. “Collaborating Generative AI with Federated Learning To Enhance Outcome Based Education System “ International Research Journal on Advanced Engineering and Management (IRJAEM)(2025)
5. “Effects of Unicode Fonts in Digital Documents on Human Cognitive Behavior: An Inferential Analysis”, Journal of Engineering Technology, USA Accepted (status),
6. “Inducting Internet of Behaviour in the Internet of People: A Smart Internet of People” International Journal of Research and Studies Volume XIV, Issue -1, ISSN: 2395-6984
7. “CSIoP: A Framework for Commercial – Social Internet of People” Indian Research Buletin Volume XXXI, Issue III,ISSN: 2348-1315