Amrendra Kumar Sharma

Master of Computer Application, NET

Dedicated and experienced academic professional with over **15 years** of experience in teaching, project supervision, and student mentoring in Computer Applications. Focused on fostering research-oriented learning and professional development among students.

Work Experience

Sept 2026- till date **Bappa Sri Narain Vocational PG College (KKV)**

Working as an **assistant professor** at Department of Computer Science in Bappa Sri Narain Vocational PG College (KKV), Lucknow, Uttar Pradesh.

Job Profile: Responsibilities include taking theory classes of B.Sc. including different papers of Computer Science, guiding students in their practical sessions and helping students in their projects.

July 2009-Dec 2020 **Lucknow Christian Degree College**

Worked as an **assistant professor** at Department of Computer Science and Application in Lucknow Christian Degree College, Lucknow, Uttar Pradesh.

Job Profile: As an academic teacher taught successfully undergraduate courses in Computer Science and Computer Applications to B.Sc. students across all three years, and participated actively in departmental academic, examination, and co-curricular activities. Moreover, as a **Coordinator** of college website committee, coordinated the development, maintenance and regular updating of the college website, during March 2011-April 2012.

Part - time Assignment

January 2010-till date **Indira Gandhi National Open University (IGNOU), Lucknow Christian College Study Centre (2720)**

Working as an **Academic Counselor** for various Computer Programmes of the University at Lucknow Christian College Study Centre.
Job Profile: Assigned the job of taking practical and theory counseling of various programmes including **BCA, MCA, PGDCA, MSCIS** and **CIT** etc. with assignment evaluation and project supervision.

Research Papers

- Clustering and Classification Techniques in Machine Learning-based Intrusion Detection Systems: A Review published in *International Journal of Current Engineering and Technology*
- Density-Aware Cost-Sensitive Learning for Enhanced Detection of Imbalanced Web-Based Intrusions published in *International Research Journal of Computer Science*
- FeDrift: Feature-Level Drift Evolution Analysis for Adaptive DDoS Detection in Dynamic Networks published in *International Journal of Engineering Research & Technology*

Conferences

- Fusion of Chi-Square and Z-Test Statistics for Feature Selection with Machine Learning Techniques in Intrusion Detection presented in *International Conference on Advanced Network Technologies and Intelligent Computing*
- Feature Space Compression for Intrusion Classification: Comparative Insights from a Linear Unsupervised Perspective presented in *IEEE International Conference on Intelligent Signal Processing and Effective Communication Technologies*
- Investigating the Impact of Unsupervised Dimensionality Reduction on Cluster-based Machine Learning Techniques in Intrusion Detection presented in *international conference on Emerging electronics and automation*

Academic Qualifications

S. No.	Examination	Board/University/Institution	Year	Division
1	PGDIS	IGNOU	2022	72.0%
2	NET	UGC	2015	Qualified
3	M.C.A.	MMMEC, Gorakhpur, U.P.T.U.	2009	72.83%
4	B.Sc.	LUCKNOW UNIVERSITY, Lucknow	2005	69.83%
5	Intermediate	U.P. Board	2002	78.00%
6	High School	U.P. Board	2000	63.00%

Research Area / Area of Interest

- Artificial Intelligence
- Data Mining
- C/C++
- Operating System
- Cybersecurity
- Machine Learning

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