Resume

SANDIP KUMAR SINGH

Assistant Professor
Rajkiya Engineering
College Banda
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OBJECTIVE

Dedicated and passionate Computer Science professional with research background and extensive teaching experience seeking a Assistant Professor atRajkiya Engineering college, U.P., India. Committed to fostering a stimulating learning environment and contributing to ground breaking research in the field of computer science. **Current Status:** Since **August 2024**, I am working as Assistant Professor IT department.

Experience

1. **Timing Technology India Pvt. Ltd.** Operation Executive **:** Nov 2019 to April 2022
2. **Rajkiya Engineering College, Banda (**http://recbanda.ac.in/**)**
   Faculty of IT Department (on contract)-04April 2022 to 31July 2024
3. **NBA**: I have Experience of working for NBA at Department Level.
4. **NAAC:** I have experience of working for NAAC at College level

Educational Qualification

Course	Year of Passing	Board/University	Institution	Marks
M.Tech.(CSE)	2019	BBAU Lucknow (Central University)	BBAU main campus	71%
B.Tech. (CSE)	2014	AKTU Lucknow	GBIT Meerut	62%
Intermediate	2006	U.P. Board Allahabad, U.P.	VTAIC Auraiya	60%
High School	2004	U.P. Board Allahabad, U.P.	VTAIC Auraiya	72%

Other Qualification

GATE-2013 (Graduate Aptitude Test) in Computer Science and Engineering.

Short term course Certificate

1. Build your own chat boat using python online course completion certificate – Great Learning Academy
2. Python programming online completion certificate - Great Learning Academy
3. Introduction to Data science-Infosys
4. Introduction to Deep learning- Infosys
5. Introduction to Natural Language Processing-Infosys
6. Computer Vision 101-Infosys
7. Introduction to Artificial Intelligence-Infosys
8. Generative AI Landscape-Infosys
9. Introduction to Robotic Process Automation-Infosys

Faculty Development Program

1. Security aspects in computer science and its applications (17 Oct- 21 Oct 2022), MNIT Allahabad.
2. Security aspects in computer science and its applications (16 Oct- 20 Oct 2023), MNIT Allahabad.
3. Development of virtual Reality based virtual labs (8 Jan -12 Jan 2024), IIT Kanpur.
4. Including Human Value in Technical Education (29 Feb – 3March 3024), AICTE Delhi.
5. Faculty Enablement Program (29 July-1 August), Infosys & AKTU lucknow.

Area of Interests:

- Machine Learning and
- Block-chain Technology
- Design and analysis of Algorithms
- Data Structure

Publications

Paper

1. Neural Network to Recognize Handwriting Objects– International Journal For Research Trend And Innovation, Year 2022

Patent

2. Block-chain Based secure data management system for internet of things(IOT) Devices- Patent Application no – 202311047378, Year 2024

Book Chapter

3. Cyber security analysis using AI- Springer (2024)

Book

4. Machine Learning: Application and Challenges(2024)

Skills

1. Programming Languages: Python, Solidity, C++
2. Research Methods: Machine Learning, Data Mining, Theoretical Computer Science