

RESUME

SANDIP KUMAR SINGH

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Communication Add. - Lucknow



CAREER OBJECTIVE

To obtain a position as an Assistant Professor where I can contribute to high-quality teaching, engage in meaningful research, and support institutional development through academic excellence, innovation, and student mentorship

EDUCATION QUALIFICATION

COURSE	BRANCH	INSTITUTE	YEAR
PhD.	Computer Science & Eng.	MMMUT Gorakhpur	Pursuing
M. Tech	Computer Science & Eng	BBAU a Central University Lucknow	2019
B. Tech	Computer Science & Eng	AKTU Lucknow	2014
12 Th	P.C.M.	U.P. Board	2006
10 Th	Science	U.P. Board	2004

OTHER QUALIFICATIONS

Gate 2013-14 qualified.

EXPERIENCES

- 2 years of experience as an assistant professor at RRGi Lucknow (2024-2026).
- 3 years of experience at Rajkiya Engineering College Banda as a Contract faculty (2021-2024).
- 3 years of experience at Timing Technology Hyderabad as a project executive(2019-2022).
- **NBA:** I have experience working for NBA at the department level.
- **NAAC:** I have experience of working for NAAC.
- Working Experience with Startup company as a mentor of “Galloper Merchant OPC Pvt. Ltd”.

CONFERENCE PAPER

- Improving Text Classification Accuracy Using Hybrid NLP and Deep Learning Techniques. NICEDT-NILET 2026 (Springer Publication)'
- Lightweight Deep Learning Architectures for High-Performance Edge Computing Neural Networks. IEEE GTSS-MMMUT 2026
- Classification of Water potability Using a Hybrid Machine Learning Model for Sustainable Water Quality Management. MVI-MMMUT 2025 (Springer Publication)
- Use of IoT Approaches in Precision Agriculture. ICFCSAI-Agra University 2025

RESEARCH PAPER

- A Neural Network Approach to Sentiment Analysis—IJCT 2025, ISSN 2394-2231, Volume 12
- Analysis of machine Learning Algorithms for Predictive maintenance in Industrial IoT Systems— International Journal of scientific Research in Engineering and Management, ISSN 2582-3930, volume- 9, April 2025
- A Blockchain and ML-based Architecture for fraud Detection in DeFi—International Journal of Research Publication and Review, ISSN-2582-7421, volume 6, July 2025
- Secure and Transparent Data Sharing for Machine Learning Models Using Blockchain Technology—IJSCI 2025, ISSN-3049-0251, Volume-2, July 2025.
- Neural Network to Recognize Handwriting Objects—International Journal For Research Trend and Innovation, ISSN-2456-3315, volume-7, June 2022.

PATENT PUBLICATION

- Blockchain-based secure data management system for Internet of Things (IOT) Devices—Patent Application No – 202311047378, Year 2024.
- Intelligent Computing and Algorithm Optimization Device—Patent Application No. 486758-0012026, Year 2026

BOOK CHAPTER

- Cyber Security Analysis Using AI, ISSN-1666-6038, (Book name—Application of Education in startup, ISBN-978-93-6717-399-2) Springer Publication—Year 2024

BOOKS PUBLICATION

- Machine Learning: Application and Challenges, ISBN-13: 978-81-978890-6-6, August 2024.
- Cybercrime and Artificial Intelligence: Challenges and Solutions, ISBN-978-9374130957, SPI Publication-2025.

FACULTY DEVELOPMENT PROGRAM

- Security aspects in computer science and its applications (17 Oct-21 Oct 2022), MNIT Allahabad.
- Security aspects in computer science and its applications (16 Oct- 20 Oct 2023), MNIT Allahabad.
- Cyber Attacks and Defense (18 Sep – 22 Sep 2023), CDAC Noida
- Development of virtual reality-based virtual labs (8 Jan -12 Jan 2024), IIT Kanpur.
- Including Human Value in Technical Education (29 Feb – 3 March 2024), AICTE Delhi.
- Faculty Enablement Program (29 July-1 August 2024), Infosys & AKTU Lucknow.
- Government Officer Training—Basic Cloud Computing (23 Sep–27 Sep 2024), CDAC Noida
- 1-week national-level FDP in AI Tools (17 Feb to 21 Feb 2025), AICTE, Brain O Vision.
- Advance AI developments and research challenges (21 April-25 April 2025), IEEE-REC Banda.
- National level FDP in Advanced in Scientific Computing (10-14 November 2025)
- FDP ON “The Digital Pulse: Exploring the Core of Emerging Technologies” (14-18 July2025)
- Teacher Training Program “NEP 2020 Orientation & Sensitization Program” ([04-10 august 2025](#)).
- Faculty Development Program on “Advances in Scientific Computing” (10-14 November 2025)
- FDP on “Process-Centric and Reward-Based Interpretable Models in Explainable AI” (20-30 December 2025)
- FDP on “Intelligent Research System Using Artificial Intelligence”(10-24 April 2026).

SHORT-TERM COURSE CERTIFICATE

- Build your own chatbot using the Python online course completion certificate from Great Learning Academy.
- Python programming online completion certificate – Great Learning Academy
- Introduction to Data Science—Infosys
- Introduction to Deep Learning—Infosys
- Introduction to Natural Language Processing—Infosys
- Computer Vision 101-Infosys
- Introduction to Artificial Intelligence—Infosys
- Generative AI Landscape -Infosys

- Introduction to Robotic Process Automation—Infosys
- Participant Certificate – University of South Dakota, IEEE, April 2024.

PROJECT & DISSERTATION

- E-voting System Using Blockchain Technology (MTech.).
- Hide data in image form using steganography (BTech)

AREA OF INTEREST

- Design and Analysis of Algorithms
- Computer Network
- Operating System
- Blockchain Technology

COMPUTER PROFICIENCY

- Python and C language.
- Knowledge of Microsoft Office, including Word, Excel & PowerPoint.

PERSONAL PROFILE

- Name: Sandip Kumar Singh
- Date of Birth: 21/07/1992
- Nationality: Indian
- Language: Hindi, English.
- Mobile No: 9451160920
- Permanent Address: VILL. Kichahiya Gopalpur, Auraiya (206244)
- Communication Address: 1/386, Sector H, Jankipuram, Lucknow

Declaration

I hereby declare that the above-mentioned details are correct and complete to the best of my knowledge.

Date: 25/05/2026

Sandip Kumar Singh