



FACULTY PROFILE ON WEBSITE

Faculty Name	Dr. Sachchida Nand Mishra	
Academic Designation	Associate Professor	
Educational Qualification	PhD	
Experience in Teaching & Industry	8 & 0	
Date of Joining	05/06/2026	
Official Email ID	Sachchida-csds@dsatm.edu.in	
Employee ID	180931	

Educational Details

- Executive PG in Data Science (AI & Deep Learning), IIIT Bangalore (2021–2023), GPA: 2.95/4.0 — Capstone: “Eye for Blind” (CNN/RNN models)
- Ph.D. in Mathematics (Fuzzy Graphs & Networks), NIT Durgapur 2012–2018.
- M. Tech in Operations Research, NIT Durgapur (2010–2012), CGPA: 8.14
- M.Sc. in Mathematics (Computer Science), LNMU Darbhanga (2005–2007), Percent: 68.4
- B.Sc. in Mathematics (Hons.), LNMU Darbhanga (2000–2004), Percent: 64.25, Specialization: Spherical Astronomy.
- I. Sc., Marwari College DBG (1998–2000) in PCM, BIEC Patna, Percent: 70.9.

Professional Experience

- Assistant Professor**, Dept. of Data Science & AI, IIIT Naya Raipur July 2024–May 2026
 - Teach **Mathematical Foundations of ML** and **Optimization for Data Science**.
 - Developed curriculum integrating graph theory with network analysis in Python.
 - Developed UG & PG Multidisciplinary courses on Data Science.
- Assistant Professor**, VJTI Matunga, Mumbai 2018–July 2024
 - Taught **Engineering Mathematics** with applications in AI (e.g., Eigenvalues in PCA).

– Developed open elective courses for UG students on Game Theory.

Publications

Selected Publications:

Journal Articles (Total: 14, including 5 SCI/Scopus)

- Mishra, S. N., Rashmanlou, H., & Pal, A. (2017). Coherent category of interval-valued intuitionistic fuzzy graph. **Journal of Multiple-Valued Logic and Soft Computing**, 29(4), 355-372. (SCIE)
- Mishra, S. N., & Pal, A. (2016). Intuitionistic fuzzy signed graphs. **International Journal of Pure and Applied Mathematics**, 106(6), 113-122. (Scopus)
- Mishra, S. N., & Pal, A. (2016). Bipolar interval-valued fuzzy graphs. **International Journal of Control Theory and Applications**, 9(41), 1022-1028. (Scopus)
- Rajpal, Kamra Mamta & Mishra, S. N. (2020). Spanning Set Labeling of Graphs. **International Journal of Advanced Science and Technology**, 29(7s), 615-618. (Scopus)
- Mishra, S. N., & Pal, A. (2017). Regular interval-valued intuitionistic fuzzy graph. **Journal of Informatics and Mathematical Sciences**, 9(3), 609-621. (ESCI)

Patent Published:

- S. Vollala, S. Mazumdar, S. Banerjee, S. N. Mishra, K. Sahu, A. Sinha, AI-Driven Post-Quantum Cryptographic Key Management System, Indian Patent-202521028285, Published on 04/04/2025.
- S. Vollala, S. Mazumdar, S. N. Mishra, et al., Method and System for Securing Autonomous Unmanned Aerial Vehicle Operation Using Hybrid Cryptography and Machine Learning, IP-202621016213, Published on 03/04/2026.
- A. Kar, S. N. Mishra, et al., Method and System for Secured Vehicle-To-Infrastructure Communication Using Quantum Cryptography and Deep Learning, IP-202521120710, Published on 03/04/2026.

Book Chapter:

- A Scalable ETL Framework for Historical Cryptocurrency Trend Analysis Using Binance API, Lecture Notes in Networks and System (Accepted).

International Conferences:

- Organised three days International Conference MMCITRE 2025, Dec. 2025 at IIIT Naya Raipur

National Conferences:

- Organized one day NCMTA 2020 at VJTI Mumbai in Feb. 2020.

Conference Attended

- ICCSPAM 2018 held at Kongunadu Arts and Science College (Autonomous) Coimbatore, Tamil Nadu, India
- ICDM-2016 held at SIT Tumakuru, Karnataka, India
- NCCSPAM at Kongunadu Arts and Science College (Autonomous) Coimbatore, Tamil Nadu, India
- 2nd International Conference on Sustainable Computing Techniques in Engineering, Science and Management (SCESM2017), held at Belagavi in Jan 2017.

Awards

Best paper Award in ICCSPAM in 2018.
GATE fellowship 2010-2012.

Academic Activity

- Faculty Coordinator of Ideathon 4.0 at IIIT Naya Raipur
- Faculty Coordinator of Scientific 2 at IIIT Naya Raipur
- Project evaluation expert of Scientific event at JNV Raipur
- Senior AI trainer of 20 days training program session-1 for Mantralaya Staffs of CG Govt.
- Senior AI trainer of 20 days training program session-2 for Mantralaya Staffs of CG Govt.

Faculty Development Activity/Workshops

- **Wipro Certified Faculty (WCF) 2023**
 - Certified in **Project-Based Learning Framework** for Data Science with Python
 - Developed industry-aligned curriculum for predictive analytics applications
- **Advanced Certification in Mathematical Models for ML** at NIT Warangal 2022
- **Foundation and Advanced Certification of Innovation Ambassador 2022** by Ministry of Education.

Contact Details

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