




Faculty Name	Sachchida Nand Mishra	
Academic Designation	Associate Professor	
Educational Qualification	PhD	
Experience in Teaching & Industry	13	
Date of Joining	05-06-2026	
Official Email ID	Sachchida-csds@dsatm.edu.in	
Employee ID	180931	

Educational Details

PhD (Apr 2018): Fuzzy Graphs & Networks, Department of Mathematics, NIT Durgapur

Executive PG (Jan 2023): Data Science (Deep Learning), IIIT Bangalore

Master of Technology (May 2012): Operations Research-Soft Computing, NIT Durgapur, West Bengal

Master of Science (May 2007): Mathematics (Computer Science), LNMU Darbhanga, Bihar

Bachelor of Science (Oct 2004): Mathematics (Spherical Astronomy), LNMU Darbhanga, Bihar

Professional Experience

13 years – Research

8 years - Teaching experience

Publications

RESEARCH PUBLICATIONS:

1. S. N. Mishra, H. Rashmanlou and A. Pal, Coherent Category of interval-valued intuitionistic fuzzy graph, *Journal of Multiple-Valued Logic and Soft Computing*, 29 (4) 2017, 355-372.
2. S. N. Mishra and A. Pal, Intuitionistic Fuzzy Signed Graphs, *International Journal of Pure and Applied Mathematics*, 106(6) 2016, 113-122.

3. S. N. Mishra and Anita Pal, Bipolar interval-valued fuzzy graphs, *International Journal of Control Theory and Applications*, 9(41) 2016, 1022-1028.
4. Rajpal, M. Kamra and S. N. Mishra, Spanning Set Labeling of Graphs, *International Journal of Advanced Science and Technology*, 29(7s) 2020, 615-618.
5. S. N. Mishra and A. Pal, Magic labeling of interval-valued fuzzy graph, *Annals of Fuzzy Mathematics and Informatics*, 11(2) 2016, 273–282.
6. S. N. Mishra and A. Pal, Various Labeling on Bull Graph and some Related Graphs, *International Journal of Applications of Fuzzy Sets and Artificial Intelligence*, 3 2013, 1-4.
7. S. N. Mishra and A. Pal, Product of Interval Valued Intuitionistic fuzzy graph, *Annals of Pure and Applied Mathematics*, 5(1) 2013, 37-46.
8. S. N. Mishra and A. Pal, Regular interval-valued intuitionistic fuzzy graph, *Journal of Informatics and Mathematical Sciences*, 9(3) 2017, 609-621.
9. Jaya Mukhopadhyay, Vikash Kumar Singh, Sachchida Nand Mishra, Sajal Mukhopadhyay, Anita Pal, Quality adaptive online double auction in participatory sensing, *Journal of Informatics and Mathematical Sciences*, 9(3) 2017, 571-593.
10. A. K. Sinha, S. N. Mishra, A. Rana and Anita Pal, Roman Domination on acyclic Permutation Graphs, *Journal of Informatics and Mathematical Sciences*, 9(3) 2017, 635-648.
11. L. K. Dey, S. Mondal, S. N. Mishra, Cantor's Intersection Theorem and Baire's Category Theorem in Generalized Metric Space, *Acta Universitatis Apulensis*, No 39/2014, 41-52.
12. S. N. Mishra and Anita Pal, Minimum cycle bases of products of Fuzzy graphs, *An international journal of advanced computer technology*, 3 (11) 2014, 1337-1342.
13. Michael Gr. Voskoglou and S. N. Mishra, Use of Fuzzy Numbers for Assessing Problem Solving Skills, *Int. J. Industrial Mathematics*, 9(2) 2017, 161-171.

Patents:

1. A. No.- 202521028285, AI-Driven Post-Quantum Cryptographic Key Management System, Published on-04/04/2025, FER Date-14/02/2026, Inventors: Satyanarayana Vollala, Sagnik Mazumdar, Soham Banerjee, Sachchida Nand Mishra, Kamna Sahu, Amar Sinha.
2. A. No.- 202521120710, Method and System for Secured Vehicle-to-Infrastructure Communication Using Quantum Cryptography and Deep Learning, Published on-03/04/2026, Inventors: Abhijeet Kar, Satyanarayana Vollala, Sagnik Mazumdar, Kavita Jaiswal, Om Prakash Vyas, Sachchida Nand Mishra, Tanishq Bhattacharjee.
3. A. No.- 202621016213, Method and System for Securing Autonomous Unmanned Aerial Vehicle Operation Using Hybrid Cryptography and Machine Learning, Published on-03/04/2026, Inventors: Satyanarayana Vollala, Sagnik Mazumdar, Sachchida Nand Mishra, Kavita Jaiswal, Shailesh Khapre, Kumar Gaurav Atram, Mallikharjuna Rao K, Ishaan Singh, Tanishq Bhattacharjee

Conference Attended

1. Presented a paper online titled “Bipolar Interval Valued Fuzzy Graphs” at conference ICDM-2016, held at SIT Tumkuru.
2. Presented a paper titled “Regular interval-valued intuitionistic fuzzy graph” at conference NCCSPAM-2016, held at Kongunadu Arts & Sc. College, Coimbatore. Published in ESCI Journal of Informatics and Mathematical Sciences.
3. Presented a paper titled “Quality adaptive online double auction in participatory sensing” at conference NCCSPAM-2016, held at Kongunadu Arts & Sc. College, Coimbatore. Published in ESCI Journal of Informatics and Mathematical Sciences.

Awards

2018  Received Best Paper Award in ICCSPAM.

Academic Activity

1. Organized One Day National Conference NCAMT2020 at VJTI Mumbai funded by TEQIP-III on Feb 2020.
2. Organized Three Days International Conference MMCITRE-2025 at IIIT Naya Raipur on Dec 2025.
3. Organized Two Days National Symposium on AMSE-2019 at VJTI Mumbai on March 2019.

Faculty Development Activity/Workshops

Attended Ten Days FDP on “Mathematical Models for ML and Its Applications” organized by NIT Warangal and ICFAI Hyderabad.

Contact Details

PERSONAL PARTICULARS:

Age: 43 years

Date of Birth: 13th Feb 1983

Nationality: Indian

Gender: Male

Marital Status: Married

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