



Shashank Sawan, M.Tech.

Designation : Assistant Professor

Department : Department of Computer Science and Engineering
(JOINED THE INSTITUTE IN 2026)

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RESEARCH INTERESTS

- ✓ Cybersecurity
- ✓ Machine Learning
- ✓ Deep Learning
- ✓ Optimization Techniques
- ✓ Internet of Things
- ✓ Embedded Systems
- ✓ Image Processing

Academic Qualifications

- ✓ Ph. D. (CSE) (contd.), NIT Jamshedpur, Jharkhand, India
- ✓ M.Tech. (CSE), BIT Mesra, Ranchi, Jharkhand, India
- ✓ B.Tech. (CSE), SIET Dhenkanal, Odisha, India

Teaching Experience/Industrial Experience/Research Experience

- ✓ More than 3 years of teaching experience.

PUBLICATIONS

JOURNAL ARTICLES

- [1]. **S. Sawan** and B. R. Reddy, "A hybrid MaOEA-ML framework for network intrusion detection system in the Internet of Health Things (IoHT)", Cluster Computing, Springer vol. 29, no. 3, p. 141, May 2026, DOI: 10.1007/s10586-025-05890-0. **(SCIE /Scopus indexed)**

CONFERENCE PAPERS

- [1] **S. Sawan**, Ayushi, A. Rai, B. Murmu, and B. R. Reddy, "Android Malware Detection Using Feature Selection Algorithms", in Proc: ICACSDF 2025, pp. 599–613, 2026, DOI: 10.1007/978-1-95-3701-3_39.

MEMBER OF
PROFESSIONAL
BODIES

REVIEWER
(CONFERENCES
/ JOURNALS)

- IEEE (Institute of Electrical and Electronics Engineers)
- ACM (Association for Computing Machinery)
- IEI (THE INSTITUTION OF ENGINEERS) (**Life member**)

- International Conference of the IEEE Gujarat Section on Innovating the Future of Technology (**GSCon 2027**), organized by SV NIT, Surat (9th-11th January, 2027).
- IEEE International Conference on Machine Intelligence and Network Data Security (**MINDS 2026**), organized by NSHM Knowledge Campus, Durgapur (19th-20th November, 2026).
- 7th IEEE India Council International Subsections Conference (**INDISCON 2026**), organized by MNIT, Jaipur (11th-13th September, 2026), technically co-sponsored by the IEEE Delhi Section and IEEE Rajasthan Subsection.
- International Conference of the IEEE Madras Section on Net-Zero Cyber-Physical Intelligence: AI, 6G & Sustainable Electronics for Future-Ready Smart Societies (**INDICON 2026**), organized by Sri Sairam Engineering College, Chennai, India (18th-20th December, 2026).
- IEEE International Conference on Electrical, Electronics, and Computer Science with Advance Power Technologies - A Future Trends (**ICE2CPT 2026**), organized by CORE University, Roorkee, Uttarakhand in association with the IEEE Industrial Electronics Society in hybrid mode (19th-21th November, 2026).
- IEEE International Conference on Emerging Trends in Electronics, Computing, and Intelligent Systems (**ETECIS 2026**), organized by G. Pullaiah College of Engineering and Technology, Kurnool, India (18th-19th December, 2026), technically co-sponsored by the IEEE Hyderabad Section.
- IEEE International Conference on Sustainable AI for Social Impact and Global Development (**SASIGD 2026**), organized by Chaitanya Bharathi Institute of Technology (CBIT), Hyderabad (13th-14th August, 2026), technically co-sponsored by the IEEE SSIT (Society on Social Implications of Technology).

- 1st IEEE International Conference on Emerging Trends in Advancements and Applications of Computational Intelligence Techniques (**ETAACIT 2026**), organized by ITER SOA University (10th-11th April, 2026), technically co-sponsored by the IEEE Bhubaneswar sub-section and the IEEE Consumer Technology Section.
- 7th International Conference on Advances in Distributed Computing and Machine Learning (**ICADCML-2026**) (Hybrid Mode) (15th-16th January, 2026) will be organized by the Department of Computer Science and Engineering, National Institute of Technology Jamshedpur, India.
- IEEE International Conference on Electrical, Electronics, and Computer Science with Advance Power Technologies – A Future Trend (**ICE2CPT 2025**) (29th-31st October, 2025), organized by the Department of Electrical Engineering, National Institute of Technology Jamshedpur, in association with the IEEE Kolkata Section, IEEE Industrial Electronics Society and IEEE Student Branch, NIT Jamshedpur.
- IEEE International Conference on Innovations in Intelligent Systems: Advancements in Computing, Communication, and Cybersecurity (**ISAC3 2025**), organized by ITER SOA University (25th-26th July, 2025), technically co-sponsored by the IEEE Kolkata section, the IEEE Bhubaneswar sub-section, and the IEEE Communications and Computer Societies Joint Chapter (CH 10943).
- 3rd IEEE International Conference on Intelligent and Cloud Computing (**ICoICC 2025**), organized by ITER SOA University (2nd -3rd May, 2025), technically co-sponsored by IEEE Kolkata section and IEEE Bhubaneswar sub-section.

INVITED
LECTURES/TALKS
/SEMINARS

- Resource person for a skill-based hands-on training program on “**Professional Presentation and Scientific Research/Dissertation Writing**”, organized by the Department of Physics, Srinath University, Jamshedpur, 13th May 2026.