



ELECTRONICS AND INSTRUMENTATION ENGINEERING

2025-26 JOURNAL PUBLICATIONS

Sl No	Name of the Author	Co-author(s)	Title of the Manuscript	Name of the Journal	SCI/SCIE	Volume and Issue	Date (M/D/Y)	ISSN Number
1	K Vijaya Lakshmi	M Manimozhi, J Vimala Kumari	Dynamic Ball Balancing Using DDPG-Controlled Robotic Arm for Precision Automation	International Journal of Robotics and Control Systems	SCOPUS	5(3):1661–1677	7/7/2025	2775-2658
2	P. Durgaprasada Rao	et al.	Design and Analysis of Sunshine Shaped MIMO Antenna for THz Communication	International Journal of Communication Systems	SCI/SCIE	6.1	7/11/2025	1099-1131 (Online), 1074-5351 (Print)
3	C. S. S. Anupama	V.V.S.H. Prasad et al.	Blockchain Enhanced DDoS Detection in IoT Using Deep Learning	Scientific Reports	SCI/SCIE	15:22537	6/9/2025	2045-2322

4	Jalalu Gunturu	SS Raju	CNN & Residual Networks for Liver Tumor Detection	AIP Conference Proceedings	SCOPUS	3298:020050	12/1/2024	1551-7616
5	Swathi Nadipineni	M. Aljibawi et al.	Advanced Image Domain Adaptation in Medical Imaging	Traitement du Signal	SCI/SCIE	Vol. 42, No. 5	9/26/2025	0765-0019
6	V Naga Prudhvi Raj	Ch. Raghavendra et al.	Dielectric Resonator Antenna for Satellite Communication	Telecommunications and Radio Engineering	SCOPUS	Vol. 84, No. 11	2/9/2025	0040-2508
7	Dr. Prasanti Korapati	Chandrasekhar Savalam et al.	Fault Detection in VLSI Using Convolutional Autoencoders	Integration, the VLSI Journal	SCI/SCIE	107	11/22/2025	0167-9260
8	Vijaya Lakshmi Korupu	Yuvapriya T et al.	Trajectory Tracking in Magnetic Levitation using Fuzzy Control	Scientific Reports	SCI/SCIE	16:685	10/20/2025	2045-2322
9	Dasari Anusha	et al.	CA-WOA Based Rectennas for IR Energy Harvesting	International Journal of Information Technology	SCOPUS	2026	12/10/2025	2511-2104
10	V Naga Prudhvi Raj	Asha Abraham Chandi et al.	Quantum Computing for Cryptographic Optimization	Journal of Discrete Mathematical Sciences & Cryptography	SCOPUS & WoS	Vol. 29, Issue 2-B	1/20/2026	0972-0529

11	P N S B S V Prasad V	Not Clearly Mentioned	Non-invasive Cholesterol Assessment	Analytical Methods	SCI/SCIE	2026 (18)	3/3/2026	1759-9679
12	Dr S Srinivasulu Raju	Yenuganti S et al.	Review of Hall Effect-Based Sensors	Sensor Review	SCI/SCIE	46(3)	9/4/2025	0260-2288

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AY 2025-26 Conference Publications

Sl No	Name of The Teacher	Title of The Paper	Title of The Proceedings of The Conference	Affiliating Institute at The Time of Publication	Name of The Publisher	Date (M/D/Y) (From)	Date (M/D/Y) (To)
1	Ch Jayalakshmi	Design and Implementation of an IoT-Based Smart Health Monitoring System for Continuous Remote Surveillance	National Conference on Next-Gen Technologies in Artificial Intelligence Applications	Sreenidhi Institute of Science and Technology	Not Provided	9/11/2025	9/12/2025
2	Vijaya Lakshmi Korupu	Smart Water Quality Monitoring System using Optical Sensor	2025 8th International Conference on Computing Methodologies and Communication (ICCMC)	Surya Engineering College	IEEE	7/23/2025	7/25/2025
3	Kalpna Seelam	Eco-Friendly based Product Recommendation	2025 8th International Conference on Computing	Surya Engineering College	IEEE	7/23/2025	7/25/2025

		System using Machine Learning	Methodologies and Communication (ICCMC)				
4	Korupu Vijaya Lakshmi	Real time pipeline leakage detection system using multiple sensors and IoT	International Conference on Computing, Communication and Networking Technologies (ICCCNT)	IIT Indore	IEEE	7/6/2025	7/11/2025
5	Mahammad Firose Shaik	Secure Communication Protocol for VANETs Using NS2 Simulator	International Conference on Information, Implementation, and Innovation in Technology (I2ITCON)	International Institute of Information Technology, Pune	SCOPUS	7/4/2025	7/5/2025
6	Mahammad Firose Shaik	An Intelligent HMAC-Integrated Optimization System for Reliable Wireless Sensor Networks	International Conference on Information, Implementation, and Innovation in Technology (I2ITCON)	International Institute of Information Technology, Pune	SCOPUS	7/4/2025	7/5/2025
7	Sushma Chowdary Polavarapu	Not Clearly Mentioned	International Conference on Emerging Trends in Industry 4.0 Technologies (ICETI4T)	Sri Chandrasekarendra Saraswati Vidyapuram	IEEE	6/6/2025	6/7/2025
8	Dr Paruchuri Srinivas	Automated Batch Process System Using TIA Openness Software	International Conference in Advances in Power, Signal, and Information Technology (APSIT)	ITER, Siksha 'O' Anusandhan University	IEEE	5/23/2025	5/25/2025

9	Korupu Vijaya Lakshmi	Intelligent Quadruped Robot Locomotion using PPO Agent	6th International Conference for Emerging Technology (INCET)	Jain College of Engineering	IEEE	5/22/2025	5/24/2025
10	Dr Swathi Nadipineni	Development of a Self-Navigating Sprayer for Controlled Pesticide Application	International Conference on Intelligent Sustainable Systems (ICISS)	SCAD College of Engineering and Technology	IEEE	3/12/2025	3/14/2025
11	Dr Swathi Nadipineni	EEG-Driven Massage Headband For Anxiety Alleviation	International Conference on Bio Signals, Images, and Instrumentation (ICBSII)	Sri Sivasubramaniya Nadar College of Engineering	IEEE	3/26/2025	3/28/2025
12	Kranthi Madala	Skin Guard: Intelligent Detection and Management of Skin Cancer	HR International Conference 2025	Hinweis Research	SCOPUS	10/25/2025	10/26/2025
13	Dr Paruchuri Srinivas	Automated Water Treatment Plant Using Schneider PLC with SCADA Interface	IEEE India Council International Subsections Conference (INDISCON)	National Institute of Technology Rourkela	IEEE	8/21/2025	8/23/2025
14	Sushma Chowdary P	Comparative Evaluation of Machine Learning Models for Diabetes Prognosis	Research Conclave 2026	SAHE	Springer	1/23/2026	1/24/2026

15	Sushma Chowdary P	Stair Case Lift Chair	International Conference on Communication and Electronics Systems (ICCES 2025)	PPG Institute of Technology	IEEE	10/28/2025	10/29/2025
16	Sushma Chowdary P	Obstacle Sense: Smart Drainage System using Raspberry Pi	Fourth International Conference on Artificial Intelligence and Data Science (AIDE-2025)	Hinweis Research	SCOPUS	1/29/2026	1/30/2026
17	Dr A Sumalatha	Detection and Quantification of Adulteration in Milk	International Conference on Machine and Computing Technologies for Sustainable Development	Team MCT4SD Manila	Springer	12/12/2025	12/13/2025
18	Rajesh Polepogu	AI-Driven System for Evaluating and Parsing Resumes	Research Conclave 2026	Siddhartha Academy of Higher Education	Springer	1/23/2026	1/24/2026
19	Rajesh Polepogu	Not Clearly Mentioned	Research Conclave 2026	Siddhartha Academy of Higher Education	Springer	1/23/2026	1/24/2026
20	Dr A Sumalatha	Design of a Pneumatically Actuated Wearable Glove for Stroke Rehabilitation	International Conference on Recent Trends in Engineering and Technology (RTET-2025)	Hinweis Research	IEEE	12/28/2025	12/28/2025
21	Rajesh Polepogu	Arduino-based Intelligent Vehicle Event Recorder for Accident Detection	Research Conclave 2026	Siddhartha Academy of Higher Education	Springer	1/23/2026	1/24/2026

22	Vijaya Lakshmi Korupu	Intelligent Quadruped Robot Locomotion using PPO Agent	6th International Conference of Emerging Technology (INCET 2025)	Jain College of Engineering	SCOPUS	5/22/2025	5/24/2025
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