

Department of ISE
Conference Proceedings Publication details - 2025- 2026

Sl. No	Authors (Listed as published in the article)	Title	Conference Name	IEEE/IET/ Springer/ Elsevier etc	DOI	Link to PDF
1	Usha Divakarla, Chandrasekaran, K	Leveraging Machine Learning Algorithms to Scrutinize Code Structures for Security Weaknesses	ICISML 2025	Springer	https://doi.org/10.1007/978-3-031-91798-1_22	
2	Chinmai Shetty; Malathi S Y; Sudhamshu Gangadhara ; Sudhendra; Preetham; Tusheer T Salian	Toward Smart Agriculture: Deep Learning Approaches for Rice Salinity Stress Monitoring	2025 5th International Conference on Soft Computing for Security Applications (ICSCSA)	IEEE	10.1109/ICSCSA66339.2025.11171428	https://ieeexplore.ieee.org/document/11171428

3	Santhosh S; Omprakash Gurrapu	Integrating IoT and Edge Computing for Smart Agriculture with Real-Time Data Analytics	2025 3rd International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)	IEEE	10.1109/ICSCDS65426.2025.11167645	https://ieeexplore.ieee.org/document/11167645
4	Santhosh S; A.Jeeva	Ant Colony Optimization Techniques for Satellite Communication Signal Processing	2025 3rd International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)	IEEE	10.1109/ICSCDS65426.2025.11167590	https://ieeexplore.ieee.org/document/11167590
5	Ashwin Shenoy M; Santhosh S	Predictive Analytics for Chronic Disease: A Machine Learning Approach	2025 Third International Conference on Networks, Multimedia and	IEEE	10.1109/NMITCON65824.2025.11188410	https://ieeexplore.ieee.org/document/11188410

			Information Technology (NMITCON)			
6	Deepa, Archana Praveen Kumar, Sai Sharath R S, Pratham Pathak, Shreyas B Kotian, Rohan Kumar	Anomaly and Intrusion Detection in Communication Networks using Machine Learning	ICOICI 2025	IEEE	10.1109/ICoICI65217.2025.11253349	https://ieeexplore.ieee.org/document/11253349
7	Sushma Dubey, Sushma Dubey, Mahmudov Nurilla Normirza Ugli, D. Bhanu, S. Sri Gowri Reddy, M. M. Saydumaro va, Deepa	On-the-Fly Path Replanning Using Real-Time Road Condition Data	INSPIRE 2025	IEEE	10.1109/INSPIRE67328.2025.11300571	https://ieeexplore.ieee.org/document/11300571

8	Jim Mathew Philip, Tanusha, Najmuddin, Rashmi B K, Harsha Patil, Vasudeva Pai	Artificial Intelligence-Driven Predictive Maintenance for Optical Fiber Networks	2025 Global Conference in Emerging Technology (GINOTECH) . May 09 - 11, 2025	IEEE	https://doi.org/10.1109/GINOTECH63460.2025.11076936	
9	Ramesh G, Kiran Raj K M, Anagha Ankolekar, Vaishnavi V Naik, G Prathamesh Kamath	Data Privacy and Ethics on Social Media Platforms	3rd International Conference on Inventive Computing and Informatics (ICICI-2025)	IEEE	10.1109/ICICI65870.2025.11069689	https://ieeexplore.ieee.org/document/11069689
10	Karthik Pai B. H.; Prashanth Kumar; Uttam K; Vedhanth S Shetty; Vivek Kumar; Yash Raj Kanchiraya	Multimodal Sensing for Enhanced User Experience and Well-being	2025 International Conference on Recent Advances in Electrical , Electronics, Ubiquitous Communication, and	IEEE	10.1109/RAEEUCCI63961.2025.11048232	

			Computational Intelligence (RAEEU CCI)			
11	Sharath Kumar , Samrudhi K V, Sahil Kambli, Samarth Nayak	Design of a Model for Early Detection of Abnormal Heart Rhythms and its Severity in Electrocardiogram Using Deep Learning Techniques	2025 International Conference on Artificial Intelligence and Data Engineering (AIDE)	IEEE	10.1109/AIDE64228.2025.10987461	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=10987461
12	Prashanth Kumar, Babitha Poojary, H Harshavardhan, Mahadevi, Reshma Ashreen	Optimizing the Longevity of Wireless Sensor Networks: A Comprehensive	2025 International Conference on Artificial Intelligence and Data	IEEE	10.1109/AIDE64228.2025.10987358	https://ieeexplore.ieee.org/abstract/document/10987358

		nsive and Adaptive Energy Efficient Framework	Engineering (AIDE)			
13	M. G. Rao, P. H, A. S. B M, S. Prabhu, S. R H and R. S K	Enhancing Fracture Detection in Different Bones Using Deep Learning and YOLO Frameworks,	2025 3rd International Conference on Smart Systems for applications in Electrical Sciences (ICSSES)	IEEE	doi: 10.1109/ICSSES64899.2025.11009941	
14	Tanzila Nargis, Ashwitha C Thomas, Rashmi R Rao, Rachel Dsouza, Rickson Dsouza, Shahabaz S M	Cyber Forensic Evidence Protection System using Blockchain Technology	Proceedings of the 8th International Conference on Trends in Electronics and Informatics (ICOEI-2025)	IEEE	10.1109/ICOEI65986.2025.11013602	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=11013602&utm_source=scopus&getft_integrator=scopus

15	Dhareshwar, S., Rao, M.G., Pareek, P.K	A Meticulous Evaluation of Musculoskeletal Fracture Diagnosis and Categorization Methods.	Advances in Artificial Intelligence and Machine Learning. ERCICA M 2024. Lecture Notes in Electrical Engineering	Springer	doi.org/10.1007/978-981-96-3105-6_34	https://doi.org/10.1007/978-981-96-3105-6_34
16	Sumathi Pawar, Vandana BS	Efficient Resume Categorization Using NLP and KNN for Automated Hiring Processes	2024 International Conference on Augmented Reality, Intelligent Systems, and Industrial Automation (ARIIA), Manipal, India	IEEE	10.1109/ARIIA63345.2024.11051657.	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=11051657&tag=1
17	Tanzila Nargis, Sharada Shenoy, Suhail Shaha, Navya Rao, Prajna Pai,	Malware Analysis Using Machine learning algorithms	IEEE DISCOVER 2025	IEEE		

	Prathana Kunder					
18	PP Mascarenhas, MS Sannidhan, N Niveditha, D Camero, JE Martis	Photo-to-Sketch Transformation using Contour Accentuation for High-Quality Outputs	3rd International Conference on Self Sustainable Artificial Intelligence Systems	IEEE		
19	M. G. Rao, S. P, T. S. Kulkarni, V. Sreelasya, P. S. Rao and S.	"A Character-Level Deep Learning Approach for Stylized Text Generation Using Hybrid Model,"	2025 Third International Conference on Networks , Multimedia and Information Technology (NMITCON),	IEEE	doi: 10.1109/NMITCON65824.2025.11188169.	

20	BS Vandana, Sathyavathi R Alva, Sumathi Pawar	Advancements in Computer-Aided Diagnosis Systems for Histopathology	9th International Conference on Information and Communication Technology for Competitive Strategies , ICTCS 2024	Springer	10.1007/978-981-96-4136-9_27	https://link.springer.com/chapter/10.1007/978-981-96-4136-9_27
21	BS Vandana, Sumathi Pawar, AP Thinakaran Rajermani	Comprehensive Analysis of Environmental Impacts and Precision Beekeeping Using Real-Time Analytics	ICT: Applications and Social Interfaces : Proceedings of ICTCS 2024,	Springer	10.1007/978-981-96-4136-9_26	https://link.springer.com/chapter/10.1007/978-981-96-4136-9_27
22	Vandana B. S.; Sindhu S.	Impact on Youth Mental Health by Analyzing App Usage with UEWA Approach	2025 Third International Conference on Networks , Multimedia and	IEEE	10.1109/NMITCON65824.2025.11188358	Impact on Youth Mental Health by Analyzing App Usage with UEWA Approach IEEE Conference Publication IEEE Xplore

			Information Technology (NMITCON)			
23	U Divakarla, A Kandasamy, K Chandrasekaran, M Krishna	Blockchain-Based Paddy Crop Marketplace: Enhancing Farmer-Buyer Trust Through Smart Contracts	MMFood '25: Proceedings of the 1st International Workshop on Multi-modal Food Computing	ACM	https://doi.org/10.1145/3746264.3760493 https://dl.acm.org/doi/10.1145/3746264.3760493	
24	Prathyakshini, Prathwini	Stress Detection in Social Interactions Using NLP and Machine Learning	2025 9th International Conference on Inventive Systems and Control (ICISC)	IEEE	DOI: 10.1109/ICISC65841.2025.11188001	
25	M. Gururaj Rao, V. Pai T, T. S. Kulkarni, V. Sreelasya,	"Hybrid Model for Sentence-Level Text Stylization	Recent Advances in Information Technology	IEEE	doi: 10.1109/ICRAIS66073.2025.11234729.	

	P. S. Rao and S. S,	n Using Deep Generative Networks	gy for Sustainable Development (ICRAIS)			
26	B. S. Vandana, S. Moksith, M. Mahammad Afnan & Akash C. Bhat	Automated Medicinal Plant Recognition for Ayurvedic Healthcare Solutions	Fifth International Conference on Computing and Network Communications			
27	Vandana, B. S., Jogi, S., Shenoy, G., Karanth, S., & Hegde, S.	"A Comprehensive Framework for Accident Detection and Risk Assessment Using CNN and Graph-Based Analytics."	2025 International Conference on Artificial Intelligence and Data Engineering (AIDE). IEEE, 2025.			
28	Vandana, B. S, pawar sumathi	Graph-Based Density Estimation for Real-Time Traffic	2024 OITS International Conference on Information			

		Congestion Monitoring.	Technology (OCIT). IEEE, 2024.			
29	Harshitha G M; Vasudeva; Ramyashree; Ranika; Ranjith Prabhu	Enhancing Text Summarization Technique s: Comparative Study of BART and T5 Models	2025 Control Instrumentation System Conference (CISCON)	IEEE	https://doi.org/10.1109/CISCON66933.2025.11337613	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=11337613
30	Santhosh S; A. Yasmin; Priyanka; Yuldoshev Jushkinbek Erkaboy Ugli; Chinta Sri Divya; Jumabayev Ikhlosbek Umidion Ugli	Efficient Real-Time Data Restoration in Cloud Environments Through Automated Snapshots and Optimized Greedy Algorithms	2025 International Conference on Responsible, Generative and Explainable AI (ResGen XAI)	IEEE	10.1109/ResgenXAI64788.2025.11344004	

31	B Sunil Kamath, Mukesh Kamath B	Achieve a Dynamic and Reliable Web Service using Network Load Balancer on Cloud platforms	2025 IEEE DISCOVER	IEEE	10.1109/DISCOVER66922.2025.11258938	
32	Sharath Kumar, Savi tha A Shenoy, Renita Pinto, Santhosh Kumar G M, Manjunatha H. M, P Devdat	Secure Data Recovery for Disruption-Resilient Decentralized Military Networks	2025 IEEE International Conference on Distributed Computing VLSI Electrical Circuits and Robotics Discover 2025 Proceedings Open source preview, 2025	IEEE	DOI: 10.1109/DISCOVER66922.2025.11258936	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=11258936&utm_source=scopus&getft_integrator=scopus&tag=1

33	Tanzila Nargis, Sharada Ushenoy,, Shaha S.A.N., Rao N., Pai P., Kunder P.M.	Malware Analysis Using Machine Learning Algorithms	2025 IEEE International Conference on Distributed Computing VLSI Electrical Circuits and Robotics Discover 2025 ProceedingsOpen source preview, 2025	IEEE	DOI: 10.1109/DISCOVER66922.2025.11258929	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=11258929
34	Chinmai Shetty; Malathi S Y; Hareesh Inamdar; Gangothri Sanil; Susama Bagchi; Sanjoy Kumar Debnath	Automated Sustainable Grading of Chali Arecanuts : A Machine Learning Approach to Quality Assurance	2025 IEEE International Conference on Distributed Computing VLSI Electrical Circuits and Robotics Discover 2025 ProceedingsOpen source	IEEE	10.1109/DISCOVER66922.2025.11259021	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=11259021

