

Geethanjali College of Engineering and Technology
Department of Computer Science and Engineering –
Artificial Intelligence and Machine Learning

Publications A.Y. 2024-2025

S.NO	Name of the Faculty	Title of the Paper	Journal Name/Conference Name	ISSN/ISBN, Volume, Issue	Indexing	Date of Publication
1	Dr. B Adithya	Advancements and Challenges in Transfer Learning and Domain Adaptation: A Comprehensive Survey on Mitigating Negative Transfer	Nano Technology Perceptions	1660-6796	SCOPUS	3rd Aug 2024
2	E Pravalika	Advancements and Challenges in Transfer Learning and Domain Adaptation: A Comprehensive Survey on Mitigating Negative Transfer	Nano Technology Perceptions	1660-6797	SCOPUS	3rd Aug 2024
3	D Aparna	Advancements and Challenges in Transfer Learning and Domain Adaptation: A Comprehensive Survey on Mitigating Negative Transfer	Nano Technology Perceptions	1660-6798	SCOPUS	3rd Aug 2024

4	E swapna	Advancements and Challenges in Transfer Learning and Domain Adaptation: A Comprehensive Survey on Mitigating Negative Transfer	Nano Technology Perceptions	1660-6799	SCOPUS	3rd Aug 2024
5	Prasada. Preethi	Revolutionizing Facial Recognition: A Dolphin Glowworm Hybrid Approach for Masked and Unmasked Scenarios	International Journal of Computational and Experimental Science and Engineering	2149-9144	SCOPUS	30th Oct 2024
6	K Naresh babu	A Novel Approach for accurate Identification in Masked and Unmasked scenarios using glowarm swarm optimizations	Multimedia Tools and Applications	1380-7501	SCIE	31st August 2024
7		Revolutionizing Facial Recognition: A Dolphin Glowworm Hybrid Approach for Masked and Unmasked Scenarios	International Journal of Computational and Experimental Science and Engineering	2149-9145	SCOPUS	16th Nov 2024
8	M.supriya	Sentiment and Emotion Modeling in Text-based Conversations utilizing ChatGPT	Engineering and Technology & Applied Research	1792-8036	SCOPUS	
9	B Nagamani	XOR-Based Security and Affine Transformation for Image Encryption	JOURNAL OF COMPUTER SCIENCE	1552-6607 ISSN NO: 1549-3636	SCOPUS	

10	L Venkateswarlu	Blockchain and Deep Learning for Secure IoT: A Hybrid Cryptographic Approach	International Journal of Computational and Experimental Science and ENgineering	2149-9144	SCOPUS	13th March 2025
11		IoT-Assisted Cloud Computing Architecture for Alzheimer's Disease Detection Using LSTM Networks	Advances in Nonlinear Variational Inequalities	1092-910X	SCOPUS	5th Dec 2024
12	V Rakesh Datta	Enhancing Web Browsing Experience Using User Perception Knowledge Through The Construction Of An Indigenous Occurrence Warehouse	Metallurgical and Materials Engineering	2812-9105, 45778	Web Of science(WoS)	
13	Shaik Akbar	IoT and AI-Driven Predictive Healthcare Systems: The Intersection of Machine Learning, Blockchain, and Healthcare Management Practices	Journal of Neonatal Surgery	2226-0439, 45778	Scopus	
14		Ai-Driven Autonomous Vehicles And Legal Liability: Redefining Accountability In Human-Ai Collaborative Systems	International Journal of Environmental Sciences	2229-7359, 45722	Scopus	

15	M.Supriya	International Journal of Computing and Digital Systems	Enhanced Knee Joint Image Analysis Using Hybrid Machine Learning and Computer Vision Techniques	2210-142X, 45778	Scopus	
16	G Ramakrishna	Spontaneous Micro-facial Expression Detection using Attention-based Convolutional Gated Recurrent Neural Networks with RMSProp Optimization	Journal of Information Systems Engineering and Management	2468-4376	SCOPUS	30th Jan 2025
17		Comprehensive survey on Recognition of emotions from body gestures	Journal of Informatics Education and Research	1526-4726	SCOPUS	30th Jan 2025
18	Dr.K.Arptha	Developing smart hospital management system with IOT and Big Data	SEEJPH	2197-5248, volume xxvi S2 2025	45718	
19		AI Based Monitoring and forecasting of Urban air pollution in smart cities	IJES	2229-7359, vol 11 no 35(2025)	45782	
20	P.Aparna	Data driven approaches to water quality monitoring :leveraging AI ,ML and managemet strategies for enviornmental protection	Journal of neonatal surgery	2226-0439	Scopus	

21	M. Gayatri	Adaptive Knowledge Transfer Engine: Dynamic Strategy Optimization and Scalable Learning for Diverse Machine Learning Tasks	IC3T 2024		SCOPUS	4th, 5th October 2024
22	M.Gayatri	Enhancing Cloud Security: A Hybrid AI Approach for Intrusion Detection Using Convolutional Neural Networks and Stochastic Gradient Descent Algorithms	ICESC	E- ISSN: 2996-5357 (PoD) ISSN: 2996-5349	SCOPUS	7th to 9th August 2024
23	Dr. K. Arpitha	A Neural Network Approach for Predicting Air Quality Forecasting in Smart Cities Based on ST-LSTM Technique	IACIS	E-ISBN:979-8-3503-6066-0 PoD ISBN:979-8-3503-6067-7	SCOPUS	19th to 21st December 2024
24	K.Padmaja	Predicting Electricity Consumption in Commercial and Residential Buildings Using A-CNN-LSTM Model	IACIS	E-ISBN:979-8-3503-6066-0 PoD ISBN:979-8-3503-6067-7	SCOPUS	19th to 21st December 2024
25	Dr.B.Adithya	DynaSoM: Dynamic Self-Organizing Maps for Real-Time Multi-Modal and Fair Social Network Analysis	IC3T 2024		SCOPUS	4th, 5th October 2024
26	Dr.B.Adithya	Adaptive Knowledge Transfer Engine: Dynamic Strategy Optimization and Scalable Learning for Diverse Machine Learning Tasks	IC3T 2024		SCOPUS	4th, 5th October 2024

27	E.Swapna	Adaptive Knowledge Transfer Engine: Dynamic Strategy Optimization and Scalable Learning for Diverse Machine Learning Tasks	IC3T 2024		SCOPUS	4th, 5th October 2024
28	K.Priyanka	DynaSoM: Dynamic Self-Organizing Maps for Real-Time Multi-Modal and Fair Social Network Analysis	IC3T 2024		SCOPUS	4th, 5th October 2024
29	N. Poorna chandra Rao	Application of Machine Learning Techniques for Heavy Rainfall Prediction using Satellite Data	ICOSEC		SCOPUS	18th to 20th September 2024
30	D.Aparna	DynaSoM: Dynamic Self-Organizing Maps for Real-Time Multi-Modal and Fair Social Network Analysis	IC3T 2024		SCOPUS	4th, 5th October 2024
31	E.Pravalika	DynaSoM: Dynamic Self-Organizing Maps for Real-Time Multi-Modal and Fair Social Network Analysis	IC3T 2024		SCOPUS	4th, 5th October 2024
32	L Venkateswarlu	Sustainable Cluster Head Selection in Wireless Sensor Networks through Bio-Inspired Optimization	International Conference on Trends in Material Science and Inventive Materials (ICTMIM-2025)	979-8-3315-0147-1	SCOPUS	7th to 9th Apr 2025

33	T SANTHOSHA	Optimized Dilated Convolutional Neural Network with Quantum Self-Attention Based on Hyper Spectral Remote Sensing Image Classification	IEEE 4th International Conference on ICT in Business Industry & Government (ICTBIG)	ISBN: 979-8-3315-1898-1	SCOPUS	Mar 2025
34	Malyala Gayatri	Provisioning Linear Convolutional Network Model-Based Image Denoising Model for Covid Prediction Using X-Ray Images	Springer Nature Singapore Pte Ltd, Fifth Congress on Intelligent Systems CIS 2024, Volume 1 Conference proceedings© 2025	ISBN 978-981-96-2694-6,	SCOPUS	5-2025
35	Dr. G. Bindu Madhavi	Skin Cancer Classification of Dermoscopic Images using Deep Learning	2024 4th International Conference on Advancement in Electronics & Communication Engineering (AECE)	979-8-3503-6472-9	SCOPUS(I EEE)	22nd - 23rd November 2024 Published in March 2025
36	T.Kranthika	Digital Twins for Brain Tumor Detection using MRI Images by Deep Learning	2024 4th International Conference on Advancement in Electronics & Communication Engineering (AECE)	979-8-3503-6472-9	SCOPUS(I EEE)	22nd - 23rd November 2024(date of conference) published date March 2025
37	G Venu Gopal	Autoencoder-LSTM Ensembles for Predictive Analysis of Financial Churn Patterns	International Conference on Emerging Smart Computing and Informatics (ESCI)	979-8-3315-1568-3	SCOPUS(I EEE)	05-07 March 2025

38	G.Vedavyas	Qualified investigation of ML Models for forecasting SPEC bench mark performance	ICMAICT-2025	979-83315-4363-1	Scopus	
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