

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

**FACULTY PUBLICATIONS - 2023-24**

S.NO	Name of the faculty memembr	Designation	Publication Details - Journal						
			Title of the paper	Journal Name	ISSN	Volume	Issue	Month&Year	Indexing
1	Dr G.Bindu Madhavi	Assoc. Professor	A Deep Learning-Based Approach for Hand Sign Recognition Using CNN Architecture	Revue d'Intelligence Artificielle	0992-499X	37	4	Sep 2023	Scopus
2	K. Siva Rama Krishna	Assoc. Professor	Time and Statistical Complexity of Proposed Evolutionary Algorithm in Artificial Neural Networks	Pakistan Heart Journal	0048-2706	56	2	Nov 2023	Scopus
3	G Vedavyas	Assoc. Professor	ConvolutionalNeuralNetworksfor Diabetic Retinopathy Detection in Retinal Images	IJISAE	2147-6799	12	3	Mar 2024	Elsevier
4	M.Supriya	Asst Professor	Artificial Intelligence based integrated technological advancements for automated crops diseases identification in smart farming	IJCDS	Accepted				
5	H.V.Ramana	Asst	Advancing prostate cancer diagnostics with image masking techniques in medical image analysis	International Journal of Advanced Computer Science and Applications	2156-5570	Volume 15	Issue 4	April, 2024	Scopus

6	Rao	Professor	Precision in prostate cancer diagnosis: A comprehensive study on neural networks	Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications	2093-5382	Volume 15	Issue 2	June, 2024	Scopus
7	P.Swathi	Asst Professor	Network Security and Data Privacy in 6G Environment	JETIR	2349-5162	11	5	13-Feb-2024	UGC care
8	Ch Naveen kumar Reddy	Asst. Professor	Hybrid Invasive Weed and Grasshopper Optimization based on AI Approach for Enhanced Routing in FANETs.	IJISAE	2147-6799	12	18	24-March-2024	Scopus
9	K. Naresh Babu	Senior Assistant Professor	A Novel Approach for Accurate Identification in Masked and Unmasked Scenarios using Glowworm Swarm Optimization and Neural Networks	Multimedia Tools and Applications	1573-7721	83	42	31-October-2024	SCIE
10			Revolutionizing Facial Recognition: A Dolphin Glowworm Hybrid Approach for Masked and Unmasked Scenarios	International Journal of Computational and Experimental Science and Engineering IJCESEN	2149-9144	10	4	16-November-2024	Scopus
11	Preeti Prasada	Senior Assistant Professor	Blockchain-Enhanced Machine Learning for Robust Detection of APT Injection Attacks in the Cyber-Physical Systems	International Journal of Computational and Experimental Science and Engineering IJCESEN	2149-9144	10	4	30-October-2024	Scopus

12	Dr. B. Adithya	Assoc. Professor	Advancements and Challenges in Transfer Learning and Domain Adaptation: A Comprehensive Survey on Mitigating Negative Transfer	Nanotechnology Perceptions	ISSN 1660-6795	20	9	3-August-2024	Scopus
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13	E. Swapna	Asst. Professor	Advancements and Challenges in Transfer Learning and Domain Adaptation: A Comprehensive Survey on Mitigating Negative Transfer	Nanotechnology Perceptions	ISSN 1660-6795	20	9	3-August-2024	Scopus
14	D. Aparna	Asst. Professor	Advancements and Challenges in Transfer Learning and Domain Adaptation: A Comprehensive Survey on Mitigating Negative Transfer	Nanotechnology Perceptions	ISSN 1660-6795	20	9	3-August-2024	Scopus
15	E. Pravalika	Asst. Professor	Advancements and Challenges in Transfer Learning and Domain Adaptation: A Comprehensive Survey on Mitigating Negative Transfer	Nanotechnology Perceptions	ISSN 1660-6795	20	9	3-August-2024	Scopus
16	Dr. L.Venkateswarlu	Professor	IoT-Assisted Cloud Computing Architecture for Alzheimer's Disease Detection Using LSTM Networks	Advances in Nonlinear Variational Inequalities	1092-910X	28	3	5-December-2024	Scopus
17	K.Shiva Rama Krishna	Assoc. Professor	Exploring the Role of Artificial Intelligence in Personalized Healthcare: From Predictive Diagnostics to Tailored Treatment Plans	Nanotechnology Perceptions	1660-6795	20	7	18-December-2024	Scopus

## CONFERENCE DETAILS A.Y 2023-24

	Name of the faculty memebr	Designation	Conference Details			
			Title of the paper	ISBN/ISSN	Month&Year	Indexing of proceeding
1	Dr.L.Venkateswarulu	Professor	OCL Based Approach for Sustainable ML Model Development	<a href="https://doi.org/10.1051/e3sconf/202343001072">https://doi.org/10.1051/e3sconf/202343001072</a>	Oct 2023	SCOPUS
2	Dr G.Bindu Madhavi	Assoc. Professor	Traffic Congestion Detection from Surveillance Videos using Deep Learning	<a href="https://doi.org/10.1109/IC2E357697.2023.10262545">https://doi.org/10.1109/IC2E357697.2023.10262545</a>	July2023	SCOPUS
			Real-Time Data Analysis, Significance, Architectures and Applications for Informed Decision-Making	<a href="https://doi.org/10.1109/PEEIC59336.2023.10451556">https://doi.org/10.1109/PEEIC59336.2023.10451556</a>	Dec 2023	SCOPUS
3	K. Siva Rama Krishna	Assoc. Professor	Comparative Study of cyber attacks		Aug2023	
4	Dr. B. Adithya	Assoc. Professor	Fundamentals of DNA Computation in the Domain of Cryptosystem	International Journal of Information Systems and Social Change	Jan2023	IET Inspec
			A Comprehensive Analysis of Deep Learning in Low-Light Photography Enhancement	0094-243X	May 2024	SCOPUS
			Mitigating Catastrophic Forgetting in Deep Learning Models for Sentiment Analysis	979-8-3503-8386-7	Oct 2024	SCOPUS
			DynaSoM: Dynamic Self-Organizing Maps for Real-Time Multi-Modal and Fair Social Network Analysis	IC3T 2024	Oct 2024	SCOPUS

			Adaptive Knowledge Transfer Engine: Dynamic Strategy Optimization and Scalable Learning for Diverse Machine Learning Tasks	IC3T 2024	Oct 2024	SCOPUS
5	SK. Akbar	Assoc. Professor	Early prediction of diabetes and its risk factors based on ARIMA -ELMAN ANN Network	979-8-3503-2753-3	Jan 2024	IEEE- CONFERENCE IDCIoT-2024- SCOPUS INDEXED (2nd International Conference on Intelligent Data Communication Technologies and Internet of Things)
			An Effective Method for Managing Waste in Smart Cities Based on Unified CNN and LSTM Approach	979-8-3503-2753-3	March,2024	IEEE- CONFERENCE IDCIoT-2024- SCOPUS INDEXED (2nd International Conference on Intelligent Data Communication Technologies and Internet of Things)

6	M.Supriya	Asst Professor	Q-learning based Reinforcement Learning Controller for Concentration Control of Food Preparation	ISBN: 979-8-3503-2142-5	Aug 2023	SCOPUS
			YOLO -Spectra watch:A Novel architecturefor Rapid Suspect Detection in crowded urban environmnets	ICOECA: 979-8-3503-8580-9	5-Aug-24	SCOPUS
7	M. Gayatri	Sr Asst Professor	MODELLING A NOVEL APPROACH FOR COVID PREDICTION USING X-RAY IMAGES AND IMAGE DENOISING"	presented in june 2024(Accepted)		IEEE
			Enhancing Cloud Security- A Hybrid AI approach for intrusion Detection using Convolutional Neural Networks and Stochastic Gradient Descent Algorithms	August -2024(Accepted)		IEEE
8	H.V.Ramana Rao	Asst Professor	1) Ensemble Deep Learning framework for classification of skin lesions (ICCPCT 2023)	ISBN:979-8-3503-3324-4	2023	SCOPUS
9	Preeti Prasada	Sr Asst Professor	An analysis on Proficiency in Securing Cyber Physical Systems and current research directions	2352-538X	30 July 2024	Web of Science
10	G.Vedavyas	Assoc. Professor	Farmease: Bridging the Gap for Farmers in the Digital Ages	10.1109/ASSIC60049.2024.10507943	27-29 January 2024	SCOPUS

			Prediction of Chronic Kidney Disease with Artificial Neural Network	10.1109/ICRTAC59277.2023	14-15 Dec. 2023	IEEE
11	Dr. K. Arpitha	Assoc. Professor	A Neural Network Approach for Predicting Air Quality Forecasting in Smart Cities Based on ST-LSTM Technique	IACIS 979-8-3503-6067-7	24-Oct-24	SCOPUS
12	K.Padmaja	Sr Asst Professor	Predicting Electricity Consumption in Commercial and Residential Buildings Using A-CNN-LSTM Model	IACIS 979-8-3503-6067-7	24-Oct-24	SCOPUS
13	E.Swapna	Asst Professor	Adaptive Knowledge Transfer Engine: Dynamic Strategy Optimization and Scalable Learning for Diverse Machine Learning Tasks	IC3T 2024	Oct 2024	SCOPUS
14	K.Priyanka	Asst Professor	DynaSoM: Dynamic Self-Organizing Maps for Real-Time Multi-Modal and Fair Social Network Analysis	IC3T 2024	Oct 2024	SCOPUS
15	N. Poorna chandra Rao	Asst Professor	Application of Machine Learning Techniques for Heavy Rainfall Prediction using Satellite Data	ICOSEC 979-8-3315-0440-3	Oct 2024	SCOPUS
16	M.Siva prasad	Asst Professor	Systematic Literature Review on Bio Inspired Algorithms in Cloud Fog Computing	ICRTAC 979-8-3503-9471-9	Apr-24	SCOPUS
17	D.Aparna	Asst Professor	DynaSoM: Dynamic Self-Organizing Maps for Real-Time Multi-Modal and Fair Social Network Analysis	IC3T 2024	Oct 2024	SCOPUS
18	E. Pravalika	Asst Professor	DynaSoM: Dynamic Self-Organizing Maps for Real-Time Multi-Modal and Fair Social Network Analysis	IC3T 2024	Oct 2024	SCOPUS