



MALLA REDDY ENGINEERING COLLEGE FOR WOMEN

(Autonomous Institution-UGC, Govt. of India)

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Maisammaguda, Dhulapally, Secunderabad 500100.

DEPARTMENT OF CSE

List of the papers published /Submitted to journals (MRECW affiliation only) (SCOPUS indexed Journals or conference)

S.No	Name of the Author	Department	Author Position	Academic Year	Title of the paper	Document Type	Journal /Conference name
1	Dr. VENKATA KUNAPAREDDY NAGANJANEYULU	CSE	1	2025	Enhanced Security in Cloud Storage Systems based on Adaptive Thresholding with Dual Attention Neural Networks	Conference paper	International Conference on Integrated Intelligence and Communication systems (ICIICS)
2	Dr. VISHNU KUMAR MISHRA	CSE	3	2025	Hybrid Audio Watermarking Using Frequency-Time Features and Machine Learning for Enhanced Robustness Against Attacks	Conference paper	Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT), International Conference on
3	Dr. ANGADI RANI SWARUPARANI	CSE	4	2025	Enhanced IoT threat detection using Graph-Regularized neural networks optimized by Sea-Lion algorithm	Article	Scientific Reports
4	Dr. SUNKARI PRADEEP	CSE	2	2025	Feature fusion based deep learning model for Alzheimer's neurological disorder classification	Article	Neuroscience Informatics
5	Dr. SUNKARI PRADEEP	CSE	2	2025	Data-Aggregation-Aware Energy-Efficient in Wireless Sensor Networks Using Multi-Stream General Adversarial Network	Article	Transactions on Emerging Telecommunications Technologies
6	Dr. SUNKARI PRADEEP	CSE	2	2025	Optimized memory augmented graph neural network based DoS attacks detection in wireless sensor network	Article	Network: Computation in Neural Systems
7	Dr. SUNKARI PRADEEP	CSE	1	2025	Energy-Efficient 6G IoT Networks for Wearable Healthcare Devices Using Hybrid Reinforcement Learning	Conference paper	Wireless Antenna And Microwave Symposium (WAMS)
8	Dr. SUNKARI PRADEEP	CSE	4	2025	Hybrid AI Models to Enhance Quality of Service in Healthcare Wireless Networks	Conference paper	Wireless Antenna And Microwave Symposium (WAMS)
9	Dr. SUNKARI PRADEEP	CSE	4	2025	Machine Learning Based Security for Healthcare Data Transmission in IoT Wireless Networks	Conference paper	Wireless Antenna And Microwave Symposium (WAMS)
10	Dr. SUNKARI PRADEEP	CSE	2	2025	EFSMDCD: Method for Detecting and Categorizing Dos and DDos Attacks using Ensemble Feature Selection	Conference paper	International Conference on Innovation in Artificial Intelligence and Internet of Things(IOT)
11	Dr. SUNKARI PRADEEP	CSE	3	2025	Optimizing Customer Relationship Management (CRM) Systems Using Advanced Machine Learning Algorithms	Conference paper	Seventh International Conference on Computational Intelligence and Communication Technologies (CCICT)
12	Dr. SUNKARI PRADEEP	CSE	2	2025	A novel deep learning based multimedia video retrieval framework using may fly optimization	Article	International Journal of Information Technology (Singapore)
13	Dr. SUNKARI PRADEEP	CSE	3	2025	Deep Convolutional Multi-Relational Graph Attention Network for Autonomous Drone Navigation in Urban Wind Zones	Conference paper	International Conference on Multi-Agent systems For Collaborative Intelligence (ICMSCI)
14	Dr. RAJARAM JATOTHU	CSE	1	2025	An Authentication-Only, Distributed-Verification Routing Protocol for Mobile Ad-hoc Networks	Conference paper	Lecture Notes in Networks and Systems
15	Dr. K. Thirupal Reddy	CSE	4	2025	The Burn Grafting Image Reclamation Redefined with the Peak-Valley Approach	Article	Critical Reviews in Biomedical Engineering
16	Dr. SRINIVASULU BOYINENI	CSE	6	2025	Physical and physiological data analysis for sleep quality assessment and performance evaluation of machine learning approaches	Article	Research on Biomedical Engineering
17	Ms. RADHARANI AKULA	CSE	1	2025	Optimizing Intrusion Detection Systems Using Deep Learning and Genetic Algorithms for Network Traffic Analysis: A Survey	Conference paper	Lecture Notes in Networks and Systems
18	Mr. SUNDARARATNAM VELPULA	CSE	1	2025	Optimizing E-Commerce Supply Chains with Cat-Boosting: A Predictive Modelling Frame Work	Conference paper	
19	Mr. SHAIK MOHAMMED IMRAN	CSE	6	2025	Quantum computing and machine learning for transforming precision medicine and drug discovery	Book Chapter	Lecture Notes in Computer Science
20	Ms. SRILAVANYA SAJJU	CSE	1	2025	Tracking Parkinson's Disease Progression Using Deep Learning: A Hybrid Auto Encoder and Bi-LSTM Approach	Article	International Journal of Advanced Computer Science and Applications
21	Ms. SAILAJA MADHU	CSE	1	2025	Accurate diabetic retinopathy segmentation and classification model using gated recurrent unit with residual attention network	Article	Biomedical Signal Processing and Control
22	Ms. SAILAJA MADHU	CSE	1	2025	Comprehensive Analysis of a YOLO-based Deep Learning Model for Cotton Plant Leaf Disease Detection	Article	Engineering, Technology and Applied Science Research
23	Ms. G ANJALI	CSE	5	2025	Physical and physiological data analysis for sleep quality assessment and performance evaluation of machine learning approaches	Article	Research on Biomedical Engineering
24	Mr KURAGANTI SANJEEVAIAH	CSE	2	2025	Hyperspectral Image: A Fusion-Based Extraction and Classification Utilizing Centernet Technique	Article	International Journal of Image and Graphics

1	Mr K Shouryadhar	CSE	2	2026	Fundamentals of Machine Learning for Nanotechnology	Book chapter	Enhancing Hybrid Nanodevice Fabrication Efficiency Using Machine Learning
			1	2026	Optimized Framework for Lung Lesion Detection and Extraction	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026
			1	2026	Assessing the Performance of Traditional and Deep Learning Models for Text Generation and Classification: An Empirical Study	Conference paper	2026 6th International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2026
			1	2026	Accuracy Optimization in Text Generation: A Comparative Analysis of Encoder-Decoder Models, Reinforcement Learning, and Lora Fine-Tuning	Conference paper	2026 2nd International Conference on Computing, Sciences and Communications, ICCSC 2026
2	Dr S Pradeep	CSE	3	2026	Fundamentals of Machine Learning for Nanotechnology	Book chapter	Enhancing Hybrid Nanodevice Fabrication Efficiency Using Machine Learning
			2	2026	Blockchain-enabled federated learning framework with hybrid CNN-LSTM anomaly detection for secure edge IoT networks	Article	Journal of Cloud Computing
3	Mrs P Sudheshna	CSE	3	2026	An Intelligent Healthcare And Human Interface Technology Using AI	Article	An Intelligent Healthcare And Human Interface Technology Using AI
4	Mrs Sailaja Madhu	CSE	1	2026	Severity-Level Classification of Cotton Leaf Diseases Using the Enhanced YOLOv8 Deep Learning Model	Article	International Journal on Electrical Engineering and Informatics
5	Dr K Thirupal Reddy	CSE	1	2026	Innovation Charity Automation Using Blockchain Technology	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026
6	Mr G Prabhakar	CSE	1	2026	Intelligent Sleep Disorder Predictor and Personalized Wellness Guide Using Enhanced Machine Learning	Conference paper	2026 6th International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2026
7	Mr G Karunakar	CSE	1	2026	A Spectral Clustering and RRT Approach for Obstacle-Aware Mobile Sink Trajectories in Wireless Communication Networks	Conference paper	2026 2nd International Conference on Computing, Sciences and Communications, ICCSC 2026
			1	2026	Smart Skies: A Machine Learning Approach to Predicting Air Travel Disruptions	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026
8	Mrs S Sanjeevini	CSE	2	2026	Machine Learning as a Tool in Nanodevice Fabrication	Book chapter	Enhancing Hybrid Nanodevice Fabrication Efficiency Using Machine Learning
			4	2026	Data Acquisition and Preprocessing Techniques for Effective Machine Learning	Book chapter	Enhancing Hybrid Nanodevice Fabrication Efficiency Using Machine Learning
9	Dr V Ranadheer Reddy	CSE	1	2026	Adaptive Deep Learning Techniques for Automated Brain Tumor Detection from Multi-Modal MRI Images	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026
			1	2026	Development of an AI-Powered IoT-Based Smart Energy Management System for Sustainable Urban Infrastructure	Article	Dandao Xuebao/Journal of Ballistics
			1	2026	PPACS: A Smart Access Control Scheme for Secure Cloud Usage	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026
10	Mr S Venkat Ramana	CSE	1	2026	Design and Development of a Smart ACR and Incident Management Framework	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026

11	Mrs Naseera	CSE	1	2026	A Gnomaly Based Machine Learning Approach for Unmasking Deepfake Voices	Conference paper	2026 6th International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2026
			1	2026	A review of modern techniques for plant disease identification and weed detection in precision agriculture	Article	IAES International Journal of Artificial Intelligence
12	Mr K Obulesh	CSE	1	2026	A Machine Learning-Based Drug Recommendation System	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026
13	Dr B Srinivasulu	CSE	1	2026	A Multi-Modal ML and DL Approach for Stress Detection Using Physiological Data	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026
			1	2026	Obesity Risk Prediction Using Explainable Stacked Machine Learning with Lime Insights	Conference paper	2026 6th International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2026
	Mrs S SriLavanya	CSE	3	2026	Machine Learning Approaches for Sustainable Surveillance of Smart Farming using the Internet of Things	Article	IAENG International Journal of Computer Science
			1	2026	Intelligent Cyber Threat Prediction Using Machine Learning for Phishing and SQL Injection	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026
15	Mrs B Arunasri	CSE	1	2026	Neuro Sphere: The Next-Gen AI Application for Cognitive Performance & Productivity	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026
16	Mr K V Rajesh	CSE	1	2026	Surveillance Camera Driven Fire Detection for Smart Safety Systems	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026
17	Dr Y Geetha Reddy	CSE	1	2026	Suspicious Human Activity Recognition Using YOLOv5 and Alert Ringing System	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026
			1	2026	Detecting AI-Generated Images with CNN Using an AI-Powered Chatbot	Conference paper	2026 2nd International Conference on Computing, Sciences and Communications, ICCSC 2026
18	Mr K Seshagiri Rao	CSE	3	2026	Hierarchical Clustering of States with Crime Against Children	Conference paper	Lecture Notes in Networks and Systems
19	Mrs B Sravani	CSE	3	2026	Hybrid Physics-Driven Deep Learning Framework for Electrical Power System Modeling and Control	Conference paper	Proceedings of 3rd International Conference on Machine Learning and Autonomous Systems, ICMLAS 2026
20	Mr M Sravan Kumar	CSE	1	2026	Networking the Bloodstream: A Nano-Robotic Internet Approach	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026
21	Dr Vishnu Kumar Mishra	CSE	4	2026	Real-Time Vehicle Detection Using Deep Neural Networks	Conference paper	2026 6th International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2026
			4	2026	Computational Framework for Human-AI Symbiosis: A Multidimensional Approach to Augmented Intelligence and Mutual Learning	Conference paper	2026 6th International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2026
22	Mrs P Deepanjali	CSE	1	2026	Fraud Detection in Signature Verification Using Advanced Image Processing Techniques	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026

23	Mrs Gajala Akthar	CSE	2	2026	Data Acquisition and Preprocessing Techniques for Effective Machine Learning	Book chapter	Enhancing Hybrid Nanodevice Fabrication Efficiency Using Machine Learning
24	Mrs Shaleen Saroj	CSE	3	2026	Data Acquisition and Preprocessing Techniques for Effective Machine Learning	Book chapter	Enhancing Hybrid Nanodevice Fabrication Efficiency Using Machine Learning
25	Ms S Preethi	CSE	1	2026	Intelligent Food Recognition System for Accurate Nutrition and Calorie Estimation	Conference paper	CCIC 2026 - Contemporary Computing Innovations Conference 2026
26	Dr T Ram Kumar	CSE	2	2026	Computational Framework for Human-AI Symbiosis: A Multidimensional Approach to Augmented Intelligence and Mutual Learning	Conference paper	2026 6th International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies, ICAECT 2026
27	Mrs A Radha Rani	CSE	1	2026	Predictive ML Model for Childhood Autism Detection Using Behavioral and Developmental Features	Conference paper	2026 2nd International Conference on Computing, Sciences and Communications, ICCSC 2026