



TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

AN AUTONOMOUS INSTITUTION

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2024-2025 Faculty Publications

S.No.	Name of the Staff	Dept	Name of the Journal	Year of Publication	Title of the paper	Vol/Issue	Index(UGC /SCOPUS/ WEB OF SCIENCE/ Other)	Page/Article number
1	Dr. A. Suresh Rao	CSE	Journal of Information Systems Engineering and Management	Feb-25	Advanced Predictive Modelling of Diabetic Readmissions Using Machine Learning and Essential Health Metrics	Vol 10, Issue 19s	SCOPUS	454-461
2	Mr.P Venkata Kishan Rao	CSE	Journal of Information Systems Engineering and Management	Feb-25	Advanced Predictive Modelling of Diabetic Readmissions Using Machine Learning and Essential Health Metrics	Vol 10, Issue 19s	SCOPUS	454-462
3	Dr. Rajesh Banala	CSE	Nanotechnology Perception	Sep, 2024	Deep Learning And Hybrid Approaches For Script-Independent Handwritten Character Recognition: Advancing Generalization Across Diverse Languages	Vol-20 S-12	SCOPUS	1112-1124
4	Dr. V Krishna	CSE	Nanotechnology Perception	Sep , 2024	Deep Learning And Hybrid Approaches For Script-Independent Handwritten Character Recognition: Advancing Generalization Across Diverse Languages	Vol-20 S-12	SCOPUS	1112-1125
5	Dr.K Naresh	CSE	Nanotechnology Perception	Sep, 2024	Deep Learning And Hybrid Approaches For Script-Independent Handwritten Character Recognition: Advancing Generalization Across Diverse Languages	Vol-20 S-12	SCOPUS	1112-1126

6	Dr.B. Sunil Srinivas	CSE	Nanotechnology Perception	Sep ,2024	Deep Learning And Hybrid Approaches For Script-Independent Handwritten Character Recognition: Advancing Generalization Across Diverse Languages	Vol-20 S-12	SCOPUS	1112-1127
7	A. Pramod Reddy	CSE	IJST SPRINGER 2024	Aug-24	Enhancing query relevance: leveraging SBERT and cosine similarity for optimal information retrieval	Vol 27	SCOPUS	753–763
8	K Shirisha Reddy	CSE	IJST SPRINGER 2024	Aug-24	Enhancing query relevance: leveraging SBERT and cosine similarity for optimal information retrieval	Vol 27	SCOPUS	753–764
9	P. Rajyalakshmi	CSE	JANO	Jun-24	Implementation of Bayesian Growing Neural Network Architecture for Efficient Contextual Continual Learning Approach	Vol 15	UGC CARE GROUP I PEER REVIEWED JOURNAL	1478-1490
10	P. Rajyalakshmi	CSE	Journal of Engineering Sciences	Nov-24	Enhanced Multi-Resolution CNN Models for Lung Nodule Identification and Segmentation in CT Images	Vol 15 Issue 11(S)	UGC	24-33
11	Dr Ch B N Lakshmi	CSE	Engineering, Technology & Applied Science Research(ETASR)	Aug-24	Air Quality Decentralized Forecasting: Integrating IoT and Federated Learning for Enhanced Urban Environmental Monitoring	Vol 14 issue 4	SCOPUS	16077-16082
12	Gayathri K	CSE	International Scientific Journal of Engineering and Management (ISJEM)	May-25	Expense Tracker Using Machine Learning	Vol 4 Issue 5	UGC	01:09
13	D V V Deepthi	CSE	IJBAR	May-25	Customer churn prediction using GNN	Vol 15 Issue 2	UGC	1767-1776

14	Tirugula Neelima	CSE	JATIT	Feb-25	Generative adversarial networks for cyber threat simulation and defence strategies.	Vol 103 Issue 4	SCOPUS	1388-1400
15	Mrs.G.Anantha Lakshmi	CSE	Journal of Engineering Sciences	Jun-25	Detection Of Cardiovascular Disease In ECG Images Using Deep Learning Methods	Vol 16 Issue 5	UGC	863-870
16	Mrs. A.Tejaswini	CSE	International Journal of basic and applied Research	Feb-25	Silent Saviour: Deep Learning Neural Network for Cyber bullying Detection in Social Media	Vol 15 Issue 2	UGC	1623-1631
17	Y. Latha	CSE	International Scientific Journal of Engineering and Management (ISJEM)	Jun-25	A Music Recommendation System Integrating Facial Expression Recognition	Vol 4 Issue 6	UGC	01 to 05
18	Dr.Sirisha K L S	CSE	International Scientific Journal of Engineering and Management	May-25	Fake Review Detection Using Machine Learning	Vol: 4 Issue: 05	UGC	1 to 7
19	Dr.Sirisha K L S	CSE	International Scientific Journal of Engineering and Management	May-25	Average Fuel Consumption Of Heavy Vehicles Using Machine Learning	Vol:4 Issue: 5	UGC	01 to 05
20	Dr.K.S.R. Radhika	CSE	Springer - Int J Syst Assur Eng Manag	Nov-24	ADAPT: an AI-Driven approach for arrhythmia detection in diabetic patients	Vol 15, Issue 4	SPRINGER	Article no:2619
21	Dr. D. Anitha Kumari	CSE	Springer - Int J Syst Assur Eng Manag	Nov-24	ADAPT: an AI-Driven approach for arrhythmia detection in diabetic patients	Vol 15, Issue 4	SPRINGER	Article no:2619
22	Dr.K.S.R. Radhika	CSE	African Journal of Biological Sciences	Jul-24	Deep Learning-Based Prediction Of Lung Cancer Risk Factors Using Augmented Images And Integrated Feature Elimination	Vol 6 , Issue 7	SCOPUS	1 to 16

23	Dr. D. Anitha Kumari	CSE	Engineering and technology Journal	Jun-24	Analyzing road images for pothole detection through machine learning algorithms: A comprehensive review	Vol 9, Issue 6	PEER-REVIEWED JOURNAL.	4249-4260
24	Dr. M.Narender	CSE	International Scientific Journal of Engineering and Management (ISJEM)	May-25	Security Provision For UPI Transactions Using Machine Learning To Detect Fraud Transactions	Vol 4, Issue 5	UGC	1 to 5
25	M.Jyothi	CSE	International Scientific Journal of Engineering and Management (ISJEM)	May-25	Emotional Text To Speech Synthesis Using Natural Language Processing	Vol 04, Issue 6	UGC	1 to 5
26	Mrs.N. Padmavathi	CSE	Journal of Engineering Sciences	May-25	Handwritten Digit Recognition Using Various Convolutional Neural Networks (CNN) In A Streamlit Application	Vol 16, Issue 5	UGC	781-789
27	Dr. A Pramod Reddy	CSE	International Scientific Journal of Engineering and Management (ISJEM)	May-25	Speech Emotion Recognition Using Deformable Convolutional Neural Networks	Vol 05, Issue 5	UGC	1 to 6
28	P. Prashamsa	CSE	International Scientific Journal of Engineering and Management (ISJEM)	May-25	Live Accident Detection And Alert System	Vol 4, Issue 5	UGC	1 to 6
29	Dr. N. Chandrakala	CSE	International Scientific Journal of Engineering and Management (ISJEM)	May-25	A Self-Reliant Approach To Secure Data Delection In Cloud Computing	Vol 4, Issue 5	UGC	1 to 6

30	Mrs. Pragathi Vulpala	CSE	International Scientific Journal of Engineering and Management (ISJEM)	May-25	Brain Tumor Detection Using MRI Images Using Convolutional Neural Networks	Vol 4, Issue 5	UGC	1 to 5
31	Dr. A. Suresh Rao	CSE	International Scientific Journal of Engineering and Management (ISJEM)	May-25	Clinical Diagnosis Decision Making And Drug Usage Regulations	Vol 4, Issue 5	UGC	1 to 7
32	Mr.P.Chandrashekar	CSE	International Scientific Journal of Engineering and Management (ISJEM)	May-25	Generating Images From Text Using Fine-Tuned Bert In A Gan Framework	Vol 4, Issue 5	UGC	1 to 6
33	Mr. K. Rajashekhar Rao	CSE	International Scientific Journal of Engineering and Management (ISJEM)	May-25	Facial Expression Analysis For Online Learning Engagement Using Deep Learning	Vol 4, Issue 5	UGC	1 to 5
34	Dr Ch B N Lakshmi	CSE	International journal of basic and applied research	May-25	Social Media Popularity Prediction Using Machine Learning	Vol15 Issue 2	UGC	1632-1645
35	Mrs.A.Tejaswini	CSE	International Scientific Journal of Engineering & Management (ISJEM)	May-25	Automated Resume Screening Using NLP And Machine Learning	Vol 4 Issue 05	UGC	1 to 5