



TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

AUTONOMOUS INSTITUTION

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LIST OF FACULTY PUBLICATIONS ALONG WITH DOIs AND PUBLICATION DETAILS IN THE ACADEMIC YEAR 2025-2026

S.No	Name of the authors	Title of the paper	Name of the journal	Month and Year of Publish	DOI
JOURNALS					
1	V.PRAVALIKA	A Trustworthy Privacy Preserving Framework for Machine Learning in Industrial IoT Systems	IJCRT	January 2025	https://ijert.org/papers/IJERT2401001.pdf
2	V.PRAVALIKA	VISUAL JOURNEY INTO IMAGE PROCESSING	BOOK	February 2025	
3	V.PRAVALIKA	DEEPFAKE DETECTION USING MACHINE LEARNING	IJIRT	March 2025	https://ijirt.org/publishedpaper/IJIRT174326_PAPER.pdf
4	D.UMA MAHESHWARI	DEEPFAKE DETECTION USING MACHINE LEARNING	IJIRT	March 2025	https://ijirt.org/publishedpaper/IJIRT174326_PAPER.pdf
5	M.Venkata Krishna Reddy,L. Raghavendar Raju, Kashi Sai Prasad, Dr. D Anitha Kumari, VadlamaniVeerabhadra m ,NagendarYamsani	Enhanced effective convolutional attention network with squeeze-and-excitation inception module for multi-label clinical document classification	Scientific Reports	2025	https://doi.org/10.1038/s41598-025-98719-0
6	Dr Syed Hussain	Machine learning-based zero-day attack detection using deep reinforcement learning		2026	https://doi.org/10.1080/19393555.2026.2632663
7	Dr.D. Anitha Kumari, , Guguloth Hanumanthu, Chakali Ramesh, Annarapu Umamahesh, Dasari Akhilesh	FLOOD PREDICTION AND RESPONSE SYSTEM USING DEEP LEARNING	International Journal of Engineering Science and Advanced Technology(IJESAT	Apr-26	https://ijesat.com/ijesat/files/5_1776599203.pdf
8	Dr.D.Anitha Kumari, Konda Laxmi Prasanna , Mididodi Shiva kumar, Manthri Mahesh , Pailla Raghu Dhatta	CLICKSTREAM CLUSTERING FOR BEHAVIORAL ANALYTICS IN FASHION E-RETAIL	International Journal of Engineering Science and Advanced Technology(IJESAT	Apr-26	https://ijesat.com/archivesa_view.php?pid=2765
9	P.Geethanjali,N.Deekshitha,K.Adithya Reddy,J.Pranay,N.Vasanth Reddy	INTERPRETABLE DEEP LEARNING MODEL USING CNN AND TRANSFORMER FOR BEAN PLANT DISEASE DIAGNOSIS	International Journal of Engineering Science and Advanced Technology(IJESAT	Apr-26	INTERPRETABLE DEEP LEARNING MODEL USING CNN AND TRANSFORMER FOR BEAN PLANT DISEASE DIAGNOSIS_1777362884.pdf
10	P.Geethanjali,B.Deepika, E.Govardhan,G.Sanjana, B.Dinesh	IDENTIFYING AND SOLVING CHALLENGES IN EL IMAGING BASED SOLAR PANEL DEFECT CLASSIFICATION USING ML	International Journal of Engineering Science and Advanced Technology(IJESAT	Apr-26	7_1776599262.pdf
11	Mrs.S.Gnaneshwari,T.Sarayu laxmi Devi,S.Naveen,R.Arshith ,M.Faheem	SWIPE SECURE:AI-POWERED CREDIT CARD FRAUD DETECTOR	International Journal of Engineering Science and Advanced Technology(IJESAT	Apr-26	AIPOWEREDCREDITCARDFRAUDDETECTOR_1776860595.pdf
12	K.Ishwarya Devi,Ammangandla Thrisha,Bandi Sai Keerthana,Boddupelli Roshan,Butti Srujan,Bogam Harsha Vardha	NEUROAI:EEG BASED EMOTION AND FOCUS DETECTOR	International Journal of Engineering Science and Advanced Technology(IJESAT	Apr-26	EEGBASEDEMOTIONANDFOCUSDETECTOR_1777362824.pdf
13	R.NAGARAJU	IoTrust Mobile – A BLE Based Application For Smart Device Authentication	International Journal of Engineering Science and Advanced Technology(IJESAT	Apr-26	https://ijesat.com/index.php
14	P.RAJINI	AUTOMATED LICENSE PLATE DETECTION AND RECOGNITION IN DYNAMIC ENVIRONMENT USING DEEP LEARNING	International Journal of Engineering Research and Science and Technology(IJERST)	Apr-26	https://ijerst.org/index.php/ijerst/article/view/2886
15	C.jaya lakshmi	REVAMPING AMBLYOPIA TREATMENT USING MIXED REALITY	International Journal of Engineering Science and Advanced Technology(IJESAT	Apr-26	

16	P.RAJINI	SKIN CANCER DETECTION USING CNN ADDING TEXTURE COLOR ANALYSIS	International Journal of Engineering Science and Advanced Technology(IJESAT	Apr-26	https://ijesat.com/archivesa_view.php?pid=2755
17	P.RAJINI	EARLY DETECTION OF ALZHEIMERS DISEASE USING MACHINE LEARNING ALGORITHM	International Journal of Engineering Science and Advanced Technology(IJESAT	Apr-26	https://ijesat.com/archivesa_view.php?pid=2820
18	K.SRUJANA	HUMAN DETECTION IN AERIAL SEARCH AND RESCUE OPERATIONS USING DEEP LEARNING	International Journal of Engineering Science and Advanced Technology(IJESAT	Apr-26	https://ijesat.com/archivesa_view.php?pid=2872
19	K.SRUJANA	VISION BASED MULTI VEHICLE RED LIGHT VIOLATION DETECTION COMPUTER SCIENCE AND ENGINEERING	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH AND TECHNOLOGY(IJIRT)	Apr-26	https://ijirt.org/Article?manuscript=198291
20	D.MOUNIKA	HYBRID AI-BASED REAL-TIME HUMAN DETECTION AND DISASTER CLASSIFICATION SYSTEM USING YOLOV8 AND INCEPTIONV3	INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH AND TECHNOLOGY(IJIRT)	Apr-26	https://ijirt.org/Article?manuscript=197847
21	V. PRAVALIKA	ANALYSIS OF BEHAVIORAL PATTERNS IN BITCOIN ADDRESSES USING MACHINE LEARNING	IJESAT	Apr-26	http://ijesat.com/archivesa_view
22	D.UMA MAHESHWARI	VEHICLE ENGINE HEALTH MONITORING SYSTEM USING DEEPLARNING	IJESAT	Apr-26	
23	V. PRAVALIKA	DETECTING GLAUCOMA STAGES USING DEEP LEARNING	IJERST	Apr-26	https://ijerst.org/index.php/ijerst/article/view/2951
24	B.Vijitha	Women's Safety Monitoring system using speech emotion recognition with deep learning	IJIRT	Apr-26	https://ijirt.org/article?manuscript=199446
25	B.Vijitha	FRAUD-X: An Interpretable GNN-RL Algorithm for financial fraud detection	IJESAT	Apr-26	https://ijesat.com/archivesa_view.php?pid=2746
26	B.Vijitha	Label waste segregation using light weightCNN and efficient with web-based deployment	JETIR	May,2026	-

INTERNATIONAL AND NATIONAL CONFERENCE DETAILS IN THE ACADEMIC YEAR 2025-2026					
Sl. No	Name of the author	Title of the paper	Name of the Conference	Year of publish	DOI/Link to access conference
1	Dr. Padmaja Grandhe ,Bala Yaamini Ravindran , Dr. Sravanthi Godala,Dr.D. Anitha Kumari ,Dr.Y.Rajendra Babu	An AI-Driven Dual-Linked Passenger and Baggage Verification Framework with Intelligent Surveillance for Smart Railway Security	2026 IEEE Proceedings of the 9th International Conference on Trends in Electronics and Informatics	(ICOEI-2026)	DVD Part Number: CFP26J32-DVD;
2	B.Vijitha	Statistical Analytical Review of EEG based seizure Detection Models:Performance, Efficiency and clinical viability in Process	ICOEI	APRIL,2026	DVD Part Number: CFP26J32-DVD; ISBN: 979-8-3315-7587-8
3	B.Vijitha	Smart Iteratively Advancing Real-Time EEG seizure Detection through Multi Model integration of Spatiotemperoral Dynamics and frequency-Aware learning Process	ICISS	MARCH,2026	https://ieeexplore.ieee.org/document/11453736
4	D.Mounika	Ai Powered Technology Integration For Sustainability	AI-PTIS	2026	
5	D.Anitha Kumari	Enhanced Domain Adaption Attention Network Optimized By Chinese Pangolin	ICIRCA 2026	2026	