



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 2023-2024

S.No	Name of the authors	Title of the paper	Name of the journal	Month and Year of Publish	DOI
JOURNALS					
1	B.Vijitha	Accident Detection With CCTV Using Convolution Neural Network	ZKGIJ	FEB,2023	
2	B.Vijitha	Driver Drowsiness Monitoring System Using Visual Behaviour and Machine Learning	ZKGIJ	FEB,2023	
3	B.Vijitha	ChatBot Using Natural Language Process(NLP)	IRJMETS	FEB,2023	
4	B.Vijitha	LIPNET:END-TO-END LIPREADING MODEL FOR SPEECH RECOGNITION	IJTE	JUNE,2023	
5	B.Vijitha	Ascertaining Along With Taxonomy of Vegetation Folio	IJRITCC	July,2023	https://www.researchgate.net/publication/374119991_Ascertaining_Along_With_Taxonomy_of_Vegetation_Folio_Ailme
6	Dr.B.Sunil Srinivas	An effective hierarchical Image coding approach with Hilbert scanning	Vol. 14 Issue 3	31st July 2023	https://doi.org/10.1007/s13198-023-02060-6
7	Dr. Syed Hussain	SCMD suspicious cryptographic message detection	Measurement: Sensors	Oct-23	https://doi.org/10.1016/j.measen.2023.100863
8	DR.D.ANITHA KUMARI, venkata charan kantumuchu, Dr G LAXMAIAH,K.SRIDHAR	A CASE STUDY ON PROJECT ANALYTICS RELATED TO DATA DRIVEN FRAME WORK BY USING MACHINE LEARNING	A Journal for New Zealand Herpetology	2023	https://biogecko.co.nz/admin/uploads/A%20case%20study.pdf
9	V.PRAVALIKA	DOUBLE WAY AUTHENTICATION SYSTEM	PATENT	December,2023	
10	V.PRAVALIKA	A Machine Learning Framework For Improving the Efficiency of Health System	IJCRT	December 2023	https://ijcrt.org/papers/IJCRT2312832.pdf
11	B.Vijitha	CUSTOMER SEGMENTATION USING DBSCAN WITH PYTHON	IJARST	February,2024	194051708331310.pdf
12	B.Vijitha	Streamlining Hostel Outing management Platform	IJARST	February,2024	https://ijarst.in/public/uploads/paper/161491708336285.pdf
13	B.Vijitha	ETE BALL CURSOR DRIVE USING OPEN CV LIBRARY	MUKT SHABD JOURNAL	June 2024	
14	Dr. D. Anitha Kumari , Dr. D.Vikram , P. Vaishnavi , M. Srikanth , G. Rakshita , U. Bhavitha	Analyzing Road Images for Pothole Detection through Machine Learning Algorithms: A Comprehensive Review	Engineering and Technology Journal	June 2024	DOI: 10.47191/etj/v9i06.11, I.F

15	Dr.Syed Hussain	A state-of-the-art universal machine learning framework for decoding suspect coded messages	Measurement: Sensors	June 2024	https://doi.org/10.1016/j.measen.2024.101115
16	Dr. K.S.R. Radhika , Dr. D. Anitha Kumari, Dr. Sunitha Pachala, Dr. S. Jayaprada , Dr. K. Chaitanya , Dr. B. Srikanth	The Effective Quantitative Analysis for Brain Tumor Diagnosis Using an Efficient Deep Learning Algorithm	The Effective Quantitative Analysis for Brain Tumor Diagnosis Using an Efficient Deep Learning Algorithm	23 August 2024	https://doi.org/10.17762/ijritcc.v11i9s.7469
17	B.Sunil Srinivas	A Hybrid Approach to Agricultural Image Segmentation Using Convolutional Neural Networks and Morphological Operations for Enhanced Crop Monitoring and Disease Detection	Frontiers in health Informatics	2024	https://healthinformaticsjournal.com/index.php/IJMI/article/view/1182
18	B.Sunil Srinivas	Deep Learning and Hybrid Approaches For Script-Independent Handwritten Character Recognition: Advancing Generalization across Diverse Languages” “ ”	Nanotechnology Perceptions	26th September 2024	https://nano-ntp.com/index.php/nano/article/view/2560
19	B.Vijitha	Facial Gesture and Head Movement-Based Control System for Accessibility	IJIRT	November, 2024	https://ijirt.org/publishedpaper/IJIRT170443_PAPER.pdf
20	G. Mokesh Rayalu,K. S. R. Radhika, D. Anitha Kumari,Vamsi Krishna Reddy Botta,G. Padmaja,Mohammed Ali Hussain	ADAPT: an AI-Driven approach for arrhythmia detection in diabetic patients	Springer Int J Syst Assur Eng Manag	November, 2024	https://doi.org/10.1007/s13198-024-02619-x
21	Rakesh , Smrita Barua, D. Anitha Kumari, Naresh	An Enhanced Fuzzy Deep Learning (IFDL) Model for Pap-Smear Cell Image Classification	Advances in Fuzzy-Based Internet of Medical Things (IoMT)	December, 2024	https://ieeexplore.ieee.org/document/10952819
22	B.Vijitha	Improved Virtual Try-on: Fixing Warping and Flow Issues	ijbar, Index in Cosmos	December, 2024	

INTERNATIONAL AND NATIONAL CONFERENCE DETAILS IN THE ACADEMIC YEAR 2023-2024					
Sl. No	Name of the author	Title of the paper	Name of the Conference	Year of publish	DOI/Link to access conference
1	Dr. Syed Hussain	Advanced Machine Learning Approach for Suspicious Coded Message Detection using Enigma Cipher	2023 Second International Conference on Electronics and Renewable Systems (ICEARS)	2023	10.1109/ICEARS56392.2023.10085339
2	Dr. Syed Hussain	Intelligent Machine Learning Method for Detecting Suspicious Encoded Messages	2023 Second International Conference on Electronics and Renewable Systems (ICEARS)	2023	10.1109/ICSCDS56580.2023.10104876
3	Dr.G.Padmaja, Swetha Pesaru, Mr.Desidi Narsimha Reddy, Dr. D. Anitha Kumari, Shiva Prasad Maram	ROBUST VEHICLE NUMBER PLATE TEXT RECOGNITION AND DATA ANALYSIS USING TESSERACT OCR	ITM Web of Conferences 74, 01009	July 2024	https://doi.org/10.1051/itmconf/20257401009 ICCPCI-2024

4	B.Vijitha	An Efficient Early Software Reliability Prediction using Particle Swarm Optimization (PSO)	Disruptive Technologies in Computing and Communication Systems	JUNE,2024	View article
5	B. Sunil Srinivas	Automatic Anomoly Detection from IoT-Times Series Dataset and Evaluation of Performance Metrics	Intelligent Systems Design and applications	2024	https://doi.org/10.1007/978-3-031-64776-5_38