



Sri Devaraj Urs Educational Trust (R.)

R. L. JALAPPA INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi & Accredited by NACC - "A" Grade)

Kodigehalli, Doddaballapur- 561 203

DEPARTMENT OF CS&E



Name of the Faculty	Title of The Paper/Patent/Book	National\International conference\journals\patents	Name of the conference journals\patents	Year of the publications
Dr.P.Vijaya Karthik	Optimizing Dragon Fruit Quality and Maturity Classification Through Deep Learning Techniques, SN Computer Science Journal,	International	A springer Journal,	2025
Dr.P.Vijaya Karthik	Dr.P.Vijayakarhik et al, "An approach of sandbox technology for improving the security in online healthcare system", Journal of Information System Engineering and Management	International	indexed in Scopus	2025
Dr.P.Vijaya Karthik	"Integrating AI and Machine Learning in Massive MIMO system for enhanced 5G and beyond wireless communication: a comprehensive survey", YMER journal,	National	YMER journal,	2025
Dr.P.Vijaya Karthik	Beyond the cloud: AI driven strategy for data privacy assurance", Journal of Information Systems Engineering and Management 2025,	International	indexed in Scopus	2025



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Name of the Faculty	Title of The Paper/Patent/Book	National\International conference\journals\ patents	Name of the conference journals\patents	Year of the publications
Dr.P.Vijaya Karthik	Integrating AI and Machine Learning in Massive MIMO Systems for Enhanced 5G and Beyond Wireless Communications: A Comprehensive Survey	International	Scopus Journal	2025
B C HEMAPRIYA	Design of simplified charging equalizer for Enhancement Electric Vehical	CONFERENCE	IEEE CONFERENCE	2025
Dr. Mamatha C M	Smart Device for Predictive Risk Management in Investments"	National	INTELLECTUAL Property India	2025
Arpitha K M		CONFERENCE	IJSRCSEIT	2024
Manjubhargavi DP	Patelofmoral Arthritics Pridiction using CNN	CONFERENCE	IJSRCSEIT	2024
Dr.Sunil Kumar RM	Network Navigators	International	Lamber Academic Publisher United Kingdom	2024
Dr.Sunil Kumar RM	Effect of Silicon Carbide Particulates on Mechanical Behaviour of Al5052 Alloy Metal Matrix Composites for Mining Applications	International	journal of mines metals and fuels	2024
Basavaraj S Pol	Performance analysis of Wireless based Vehicular Adhoc Network by Dynamic Self-Configured Weights for high Quality of Service	International Journal	Computer Fraud and Security	2024
Dr.Varalakshmi K R	AI-Powered Mask Uncoverng in Complex occluded Environments	International Journal	Journal of Information systems Engineering and management	2025
Mr.Sukhateertha	Research article on thermal evaluation of Al-Si3N4 composites	international journal	ELSEVIER	2024



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	using Machine Learning			
Mr.AnandReddy	Integrating AI and Machine Learning in Massive MIMO Systems for Enhanced 5G and Beyond Wireless Communications: A Comprehensive Survey	International	Scopus Journal	2024
Dr.Varalakshmi K R	A Novel Approach for Brain Tumor Classification using Bilateral Filtering and cascade RF-SVM	International	Communication on applied Nonlinear Analysis	2025
Dr.Varalakshmi K R	Quantum Diagnosis: Revolutionizing Skin Tumors Classification withQuantun Machine Learning.	International Conference - MAHE,Dubai UAE	International Conference on Data science and Exploration in AI, CODE AI 2025 MAHE,Dubai UAE	2025
Dr. Kavitha C	SYSTEM AND METHOD FOR OPTIMIZED DATA MINING USING MACHINE LEARNING ALGORITHMS	IEEE	Indian Design Patent	2025
Dr. Kavitha C	Optimized Power Reduction in Automation Industries and Home Applications Using Intensity and Brightness Control	IEEE	IEEE	2024
Dr. Kavitha C	"MACHINE LEARNING-BASED SYSTEM AND METHOD FOR PERSONALIZED CANCER TREATMENT	IEEE	INDIAN DESIGN PATENT	2025
Dr. Kavitha C	International Conference, Thailand	International Conference	IOCTIS	2025
Basavaraj S Pol	Performance analysis of Hypothesis MANET Routing Protocols	International Conference	International Conference on Adaptive Technologies in Engineering and Science (ICOATES)	
Ms. M S REKHA	SMART ROBOT FOR WAREHOUSE AUTOMATION AND LOGISTICS	Indian Design Patent	Indian Design Patent	2025



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Ms.M S REKHA	A Novel Approach for Brain Tumor Classification using Bilateral Filtering and cascade RF-SVM	International Journal	Communication on applied Nonlinear Analysis	2025
Ms.M S REKHA	Need for Intelligent Software cost Estimation and its Methods:A comprehensive Overview	International Journal	Scopus Journal	2024



Staff Publications Details

SI No	Name of the Faculty	Title of the paper	National\International conference\journals\ patents	Name of the conference journals\patents	Year of the publications
1	Dr. Murali G	A Simulation Approach of Supply Chain Based on Bio data and Internet + Using Mat Lab	International Conference	IEEE International Conference on Multidisciplinary Research in Technology and Management .	2023
		IOT based Solar Powered Agribot for Modern Agricultural Applications.	International journal	European Chemistry Bulltin	2023
2	Dr. Vijaykarthik P	Real Time Facial Emotion Recognition Using Deep Learning and CNN.	International Conference	International Conference on Computer Communication and Informatics	2023
		Pc Automation Using Hand Gestures.			
		Implementation Of 3-Level Security Using Image Grid Based Authentication System.			
		Intelligent Chat Bots : An AI Based Chat Bot For Better Banking Applications.			
3	Dr. Seetharam K	Performance Analysis Of Wireless Based VANET Using Self-Configured Weights For High Quality Of Services.	Journal	Innovations	2023
4	Dr. Mahalakshmi Shetty	automatic distal radius fracture detection and classification using Deep Convolutional neural network with radio logical images	Journal	Journal of Autonomous Intelligence(2024) Volume 7 Issue 5	2024
		An Investigation on the use of Machine Learning Methods For Predicting Employee Performance .	Patent		2023
5	Dr. Manjunath B N	A Successful Spam Detection Technique for Industrial IOT Devices Based On Machine Learning Technique.	International conference	International Conference On Applied Artificial Intelligence and Computing	2023
		Identification Of Plant Leaf Disease.	International journal	International Journal of Research and Analytical Reviews	2023
6	Prof. Anand Reddy G M	Deepfake Detection Using Neural Network	International journal	International Journal of Research and Analytical Reviews	2023
7	Prof. Shankar N B				

8	Prof. Basavaraj S Pol	Detecting of phishing websites using machine learning.	International journal	International Journal of Research and Analytical Reviews	2023
		Performance Analysis Of Wireless Based VANET Using Self-Configured Weights For High Quality Of Services.	Journal	Innovations	2023
9	Prof. Veena K	Smart Agriculture Using Internet Of Things: A Survey	International journal	International Journal Of Creative Research Thoughts	2023
		Machine learning based on stock market prediction: A comprehensive study on forecasting future market trends.			
		A Comprehensive Survey on Internet of Things based Agriculture .	International journal	International Journal Of Advanced Research ,Communication Technology	2023
		Performance Evaluation Of Machine Learning Algorithms For Crop Yield Prediction.	Journal	Journal Of Engineering ,Computing and Architecture	2023
		Pet's detection using Convolution Neutral Networks			
		An Automated Fertilizer Intimation System Using Colorimetric Principle	Journal	Compliance Engineering Journal	2023
		Raven Indices of Certain Graph models.	Journal		2023
Topological Indices Of Mycielskian graph	Journal	European Chemistry Bulltin	2023		
10	Prof. Vinay Kumar Y B	Rain Fall Prediction Using Machine Learning.	International Journal	International Journal of Research and Analytical Reviews.	2023
		Empirical Analysis For Crime Prediction And Forecasting Using Machine Learning And Deep Learning.			
		IOT-based wireless sensor network using alarm for tress in forest.		International Journal of Advanced Research in Science ,Communications and Technology.	
11	Prof. Rekha M S	Machine learning for phone call phishing detection.	National Conference	International Journal of Scientific Research in Science ,Engineering and Technology.	2022
		A Study On Self Driving Cars.			
		Study of blended learning of artificial intelligence in cyber security.	International Journal	STM Journals	2023

		A method of classification in student grade prediction using smote oversampling technique.	International Journal	International Journal of Advanced Research in Science ,Communications and Technolgy	2023
		Advances in shell programming.	Journal	STM Journals	2023
		Design and implementation of a novel framework for intrusion detection system based on Manet's.	Journal	Science Technology and Development .	2021
12	Prof. Iliyaz Pasha M	Electrocardiographic Analysis Of Heart Disease Using Deep Learning.	International Journal	International Journal of Research and Analytical Reviews.	
		Plant Leaf Disease Detection Using Image Processing.	International Journal	International Journal Of Scientific Research & Engineering Trends	2022
		Air-Borne Disease Prevention System.			
		Poly Lactic Acid As Bio Plastic –An Overview.	International Journal	International Journal of Advanced Research in Science ,Communications and Technology	2023
		IOT-Based Wireless Sensor Network Using Alarm For Tress In Forest.	Journal	Science Technology and Development .	2021
13	Prof. Praveen S R	Amazon product sentiment analysis based on online reviews.	International journal	International Journal of Research and Analytical Reviews.	2023
14	Prof Pooja B M	Effective Heart Disease Prediction Using Neural Networks	International journal	International Journal of Research and Analytical Reviews.	2023
15	Prof. Deepika M	Machine learning based on stock market prediction: A comprehensive study on forecasting future market trends.	International journal	International Journal of Advanced Research in Science ,Communications and Technology	2023
		Performance evaluation of machine learning algorithms for crop yield prediction			
16	Prof. Manju Bharghavi D P	Detection of Autism Spectrum Disorder Using Machine Learning.	International journal	International Journal of Research and Analytical Reviews.	2023
17	Prof. J Rajesh Kumar	Automatic electric vehicles driving method based on artificial intelligence	Patent		

		Ad hoc networks energy efficient data dissemination in wireless sensor network enabled IOT using domain adaptive message passing graph neural networks.	International journal		2023
18	Prof. Suma N	Hate speech detection in social media	International journal	International Journal of Research and Analytical Reviews	2023
19	Prof. Deepak B L	Real Time Image Segmentation For Self-Driving Cars Using Deep Learning.	International journal	International Journal of Research and Analytical Reviews	2023
20	Prof. Narendra N	Anomaly detection in network traffic.	International journal	International Journal of Advanced Research in Science, Communication and Technology.	2023
		Cyber Threat Intelligence Sharing: Enhancing Collective Defense Against Advanced Cyber-Attacks.	International journal	International Journal of Advanced Research in Arts ,Science ,Engineering and Management	2023
21	Prof. Darshan A	Prediction Of Heart Disease Using Machine Learning And Deep Learning.	International journal	International Journal of Research and Analytical Reviews.	2023