MALLA REDDY ENGINEERING COLLEGE FOR WOMEN
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Faculty Publications
Academic Year 2024-25

S.No	Name of the faculty	Title of the Paper	Journal Name	Year & Month of Publication	Vol. No., Issue No., /ISSN Nos.,DOI.	SCI/SCOPUS/ WOS/ UGC
1	Dr. SUBBAREDDY BORRA	Ensemble deep learning approach with hybrid optimisation for enhanced underwater acoustic OFDM communication systems	International Journal of Ad Hoc and Ubiquitous Computing	2024,October	1743-8233,Vol. 47, No. 2	SCOPUS
2	Dr. SUBBAREDDY BORRA	Parkinson net: Convolution neural network model for Parkinson disease detection using image and voice data	Informatica	2024,July	1854-3871,Vol 48, No 2	SCOPUS
3	Dr. SUBBAREDDY BORRA	Cardiacnet: Cardiac Arrhythmia Detection and Classification Using Unsupervised Learning Based Optimal Feature Selection with Custom CNN Mode	Informatica	2024,July	1854-3871, Vol 48, No 2	SCOPUS
4	Dr. SUBBAREDDY BORRA	Secure aware software development life cycle on medical datasets by using firefly optimization and machine learning techniques	International Journal of Electrical and Computer Engineering (IJECE)	2024,August	2088-8708,Volume 14, Pages 4195-4203	SCOPUS
5	Dr. SUBBAREDDY BORRA	Helmet Detection and License Plate Recognition Using CNN	Turkish Journal of Computer and Mathematics	2024,September	3048-4855,Volume-15,Issue-3	UGC
6	Dr. SUBBAREDDY BORRA	Abnormal Traffic Detection Based on Attention and Big Step Convolution	Turkish Journal of Computer and Mathematics	2024,September	3048-4855,Volume-15,Issue-3	UGC
7	Dr. SUBBAREDDY BORRA	LEARNINGFOR IMPROVED CROP MANAGEMENT, PRICE PREDICTIONANDEFFICIENT RESOURCE UTLIZATION	IJITCE	2024,	2347–3657,Volume 12, Issue4	UGC
8	Dr. MURUGESAN VANITHA	Threats and Solutions for Cross-Virtual Machine Network Channel Attacks in the Cloud	Journal of Interdisciplinary Cycle Research	2024,December	0022-1945,Volume XVI, Issue 12	SCOPUS
9	Dr. MURUGESAN VANITHA	Cloud computing data centre: SDN controller network balancing load method	International Journal of Engineering in Computer Science	2024,July	Vol. 6, Issue 2, Part A	UGC
10	Dr. MURUGESAN VANITHA	FFM: Convolutional neural network-based flood forecasting model	International Journal of Cloud Computing and Database Management	2024,July	Vol. 5, Issue 2, Part A	UGC
11	Dr. MURUGESAN VANITHA	Comprehensive Data Corruption Identification Using Machine Learning Algorithms (PAACDA)	Turkish Journal of Computer and Mathematics Education (TURCOMAT)	2024,October	3048-4855 ,Vol. 15 No. 3	UGC
12	Dr. MURUGESAN VANITHA	NATURE-BASED PREDICTION MODEL OF BUG REPORTS BASED ON ENSEMBLE MACHINE LEARNING MODEL	International Journal of Engineering, Science and Advanced Technology	2024,October	Vol2250-3676, 24 Issue 10	UGC
13	Dr. ARUMUGAM SIVAKUMARAN	Using Deep Learning and an Enhanced Extreme Learning Machine Based on Genetic Algorithms to Forecast Air Quality Index	The International journal of analytical and experimental modal analysis	2024,December	0886-9367,Volume XVI, Issue 12	SCOPUS
14	Dr. ARUMUGAM SIVAKUMARAN	DATA POISONING ATTACKS ON FEDERATED MACHINE LEARNING	International Journal of Engineering, Science and Advanced Technology	2024,October	2250-3676 ,Vol 24 Issue 10	UGC
15	Dr. ARUMUGAM SIVAKUMARAN	Machine Learning For Cloud-Based Privilege Escalation Attack Detection And Mitigation With Catboost	Turkish Journal of Computer and Mathematics Education (TURCOMAT)	2024, September	3048-4855 ,Vol. 15 No. 3	UGC
16	Dr. ARUMUGAM SIVAKUMARAN	ADVANCED SECURITY IN CLOUD COMPUTING OF MILITARY WEAPONS	International Journal of Engineering, Science and Advanced Technology	2024,October	2250-3676 ,Vol 24 Issue 10	UGC
17	Dr. ARUMUGAM SIVAKUMARAN	ACCESS CONTROL BY SIGNATURE-KEYS TO PROVIDE PRIVACY FOR CLOUD	International Journal of Engineering, Science and Advanced Technology	2024,October	2250-3676 ,Vol 24 Issue 10	UGC
18	Dr. ARUMUGAM SIVAKUMARAN	Constructing electric city bus energy economy forecasts using CNN2D Data	International Journal of Communication and Information Technology	2024,July	Vol. 5, Issue 2, Part A	UGC
19	Dr. ARUMUGAM SIVAKUMARAN	NEURAL COLLABORATIVE FILTERING BASED GROUP RECOMMENDATIONS	Journal of Engineering Sciences	2024	ISSN:0377-9254	SCOPUS
20	Dr. KANDASAMY JAYARAJAN	An approach for two-dimensional convolutional neural networks for hourly passenger boarding demand prediction based on uneven smart-card data	Turkish Journal of Computer and Mathematics Education (TURCOMAT)	2024, September	3048-4855 ,Vol. 15 No. 3	UGC
21	Dr. KANDASAMY JAYARAJAN	BLOCKCHAIN BASED MANAGEMENT FOR ORGAN DONATION AND TRANSPLANTATION	International Journal of Engineering, Science and Advanced Technology	2024,October	2250-3676 ,Vol 24 Issue 10	UGC
22	Dr. KANDASAMY JAYARAJAN	PASSENGER FLOW PREDICTION IN METRO SYSTEMS USING LSTM	International Journal of Management Research & Review	2024,September	Volume 14/Issue 7/126-135	UGC

23	Dr. KANDASAMY JAYARAJAN	DEEP SIDE-A DEEP LEARNING FRAMEWORK FOR DRUG SIDE EFFECT PREDICTION	International Journal of Engineering, Science and Advanced Technology	2024,October	2250-3676 ,Vol 24 Issue 10	UGC
24	Dr. SUMAIYA SAMREEN	Developing Hybrid Deep Neural Networks For Detecting The Movement Of Wild Animals And Generating Alarm Messages	International Journal of Computing and Artificial Intelligence	2024, September	2707-6571 ,Vol. 5 No. 2	UGC
25	Dr. PRADEEP VENUTHURUMILLI	A MACHINE LEARNING MODELING FOR BITCOIN MARKET PRICE PREDICTION BASED ON THE LONG SHORT-TERM MEMORY RECURRENT NEURAL NETWORK	International Journal of Engineering, Science and Advanced Technology	2024,Oct	2250-3676,Vol 24 Issue 10	UGC
26	Dr. PRADEEP VENUTHURUMILLI	INSOLENT HEALTH SUPERVISION SYSTEM USING MACHINE LEARNING ALGORITHMS	NeuroQuantology	2024,December	Volume 22 ,Issue 5	UGC
27	Dr. SRIKANTH THURIMELLA	Pneumonia Detection through Deep Learning: A Comparative Exploration of Classification and Segmentation Strategies	International Journal of Experimental Research and Review	2024,August	v40spl.004	SCOPUS
28	Dr. SRIKANTH THURIMELLA	Moving Virtual Machines to Optimize Profit in Federated Clouds	IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC)	2024,September	2250-3501,3,14	UGC
29	Dr. SRIKANTH THURIMELLA	Metro systems: Predicting origin-destination passenger flow using deep learning algorithms	International Journal of Engineering in Computer Science	2024,July	2663-3582,6,2	UGC
30	Dr. SRIKANTH THURIMELLA	Estimating the remaining shelf-life using CNN SLEM of fresh fruit and vegetables while transportation	International Journal of Engineering in Computer Science	2024,July	2663-3582 ,2,6	UGC
31	Dr. SRIKANTH THURIMELLA	3D-CNN and autoencoder based gas detection in hyperspectral images	The international journal of analytical and experimental model analysis	2024,September	v15,Issue 9	SCOPUS
32	Mr. VELUSAMY ARUNKUMAR	Application For Quantum Secure Email Client	IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC)	2024, September	2250-3501 , Volume .14, Issue 3	UGC
33	Mr. VELUSAMY ARUNKUMAR	Software Vulnerability Detection Tool Using Machine Learning Algorithms	International Journal of Engineering in Computer Science	2024, September	2663-3582 ,Vol. 6 ,No. 2	UGC
34	Mr. VELUSAMY ARUNKUMAR	Random Forest-based Intelligent Banking Chatbot	Journal of Interdisciplinary Cycle Research	2024 , September	0022-1945 ,Volume 16, Issue 9	SCOPUS
35	Ms. DURGABHAVANI BATTU	ROBUST DETECTION OF LINK COMMUNITIES WITH SUMMARY DESCRIPTION IN SOCIAL NETWORKS	Journal of Engineering Sciences	2024,October	ISSN:0377-9254	SCOPUS
36	Ms. DURGABHAVANI BATTU	PhishCatcher: Xgboost algorithm-based client-side protection against web spoofing attacks	International Journal of Communication and Information Technology	2024,July	Vol. 5, Issue 2, Part A	UGC
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38	Ms. DURGABHAVANI BATTU	MACNINE LEARNING BASED ANALYSIS OF CRYPTOCURRENCY MARKET FINANCIAL RISK MANAGEMENT	Journal of Engineering Sciences	2024	ISSN:0377-9254	SCOPUS
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40	Mr. DAVID LIVINGSTON	Defenses against adversarial attacks on neural networks for graph data via encryption and disturbing	International Journal of Computing, Programming and Database Management	2024,July	Vol. 5, Issue 2, Part A	UGC
41	Mr. DAVID LIVINGSTON	AGRICULTURAL LAND IMAGE CLASSIFICATION USING KNN AND COMPARE WITH RECURRENT NEURAL NETWORK	International Journal of Engineering, Science and Advanced Technology	2024,October	2250-3676 ,Vol 24 Issue 10	UGC
42	Mr. MUNIMANDA PREM CHANDER	FINGER VEIN DETECTION USING CNN	IJIEMR	2024,October	Volume 13 Issue 10	UGC
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44	Mr. MUNIMANDA PREM CHANDER	A Novel XG Boost Algorithm-Based Method for Disaster Victim Detection in Debris Worlds	The International journal of analytical and experimental modal analysis	2024,September	0886-9367,Volume XVI, Issue 09	SCOPUS
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47	Mr. KUMARASWAMY KANKALA	An xgboost-based model for predicting nature-based bug reports	International Journal of Computing, Programming and Database Management	2024,July	Vol. 5, Issue 2, Part A	UGC
48	Mr. KUMARASWAMY KANKALA	Fusion of Visual Information and Millimetre-Wave Radar Using yolov6 for Nighttime Pedestrian Detection	IRACST – International Journal of Computer Networks and Wireless Communications (IJCNWC)	2024,September	2250-3501 Vol.14, No 3	UGC

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56	Ms. GEETHA PRATHIBHA KOTLA	REPRESENTING FINE GRINED CO-OCCURANCES FOR BEHAVIOR BASED FRAUD DETECTION IN ONLINE SYSTEM	Journal of Engineering Sciences	2024,October	ISSN:0377-9254	SCOPUS
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66	Ms. HARITHA LAKSHMI BODDEDA	DEEPFAKE DETECTION A SYSTEMATIC LITERATURE REVIEW	International Journal of Engineering, Science and Advanced Technology	2024,October	2250-3676 ,Vol 24 Issue 10	UGC
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143	Ms MADHAVI MANASU	ML-Enabled Intelligent Bot Detection in Network Communications	International Journal of Communication Networks and Information Security	2024,December	2073-607X, 2076-0930,Volume 16 Issue 05	UGC
144	P.RAJKUMAR	Predicting the Electrical and Thermal Performance of Batteries with Direct Oil Cooling via the Use of Artificial Neural Network Modelling	IRACST – International Journal of Computer Networks and Wireless Communications	Sep-24	Vol.14, No 3 ,ISSN: 2250-3501	**UGC**
145	G.PADMA	IMPLEMENTATION OF DATA MINING TECHNIQUES IN UPCODING FRAUD DETECTION IN THE MONETARY DOMAINS	**IJARST**	**Dec 2024**	Volume 14, Issue 12,ISSN 2457-0362	**UGC**
146	K.VENKATESH	Ambulance Traffic Signal System	IJERST	2024	Volume 23,Issue 03,ISSN-2319-5991	UGC
147	K.VENKATESH	Smart Notice Board	IJERST	2024	Volume 20,Issue 03,ISSN 2319-5991	UGC
148	K.VENKATESH	EV B attery Cooling System	International Journal for Innovative Engineering and Management Research	Sep-24	Volume 13,Issue 09,ISSN 2456-5083	UGC
149	Dr.P.SRIVANI	A new digital signature primitive and its application in blockchain	International Journal of Computing and Artificial Intelligence	2024 June	Vol-05,Issue-2 ISSN-2707-658X	UGC
150	Dr.P.SRIVANI	Enhanced file security system with PVD encoding for multiple image steganography	International Journal of Communication and Information Technology	2024 July	Vol-05,Issue-2 ISSN-2707-6628	UGC
151	Dr.P.SRIVANI	PhishCatcher:Xgboost Algorithm-Based Client -Side Protection Against Web Spoofing Attacks	Journal of Interdisciplinary Cycle Research	2024 september	Vol-XVI,Issue-09 ISSN-0022-1945	UGC

Conference Paper Publication (2024-25)

S.No	Name of the faculty	Title of the Paper	Journal Name	Year & Month of Publication	Vol. No., Issue No., /ISSN Nos.,DOI.	SCI/SCOPUS/ UGC
1	Dr. KANDASAMY JAYARAJAN	Domain Adaptive based Convolutional Neural Network for Change Detection using Time Series Satellite Imagery	IEEE Xplore: International Conference on Intelligent Algorithms for Computational Intelligence Systems (IACIS)	2024,October	979-8-3503-6066-0	SCOPUS
2	Dr. SRIKANTH THURIMELLA	Revolutionizing Tomato Disease Detection: YOLOv5-Based Automated System for Agricultural Productivity and Food Security	2024 5th International Conference on Electronics and Sustainable Communication Systems (ICESC)	2024,October	2996-5357	SCOPUS
3	VENKATESH KUMMARI	The Impact of 5G on Real-Time IoT Data Processing: Exploring Challenges and Innovative Solutions	International Conference on Electrical Electronics and Computing Technologies (ICEECT)	2024,November	979-8-3503-7809-2	SCOPUS