R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution)
R.S.M. NAGAR, PUDUVOYAL – 601 206
ACADEMIC YEAR 2023- 2024
Department of Computer Science and Engineering

RESEARCH PUBLICATION DETAILS

S. No.	Name of Faculty Member	Title of the Paper	Name of the Journal/Conference	ISSN & Other Details	Indexing	Status	Year of publications
1	Dr. M. Arun Manicka Raja, Dr.N.R.Rejin Paul	Ontology based Multi-Threaded Crawler for Collecting Twitter Data Streams	Neuroquantology	1303-5150	Scopus	Published	July 2023
2	Ms.A.Kathija Nasreen	Performance Comparison of Zigbee and LoRa Wireless Networks in a Building Environment	IEEE xplore - International Conference on Electrical, Computer and Communication Technologies	978-1-6654-9360-4	Scopus	Published	2023
3	Mr.V.M.Jemin	A Novel Design of a Model to Build the Security Lock Systems	Journal of the Balkan Tribological Association	1310-4772	Scopus	Published	2023
4	Dr. M. Arun Manicka Raja, Dr.N.R.Rejin Paul	SEUC-Search Engines Based on User Preferences with Click-Through Data	European Chemical Bulletin	2063-5346	Scopus	Published	2023
5	Dr.M.Vigilson Prem	A Novel Ensemble Classifier Framework to Preprocess, Learn and Predict Imbalanced Heterogeneous Drifted Data Stream	IEEE Xplore - International Conference on Electrical, Electronics, Information and Communication Technologies	979-8-3503-9763-5	Scopus	Published	2023

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6	Dr.G.Indra	Data Warehouse-Based Ad Archive for Media Analysis	International Conference on Edge Computing and Applications, IEEE	979-8-3503-4757-9	Scopus	Published	August 2023
7	Ms.P.Jemi Gold	An Architecture for Collective Dispute Resolution in Ubiquitous and Context-Aware Systems	International Conference on Advances in Computing, Communication and Applied Informatics, IEEE	979-8-3503-1590-5	Scopus	Published	August 2023
8	Ms.V.Kalaipriya	A novel hybrid heuristic adopted ensemble of deep learning models for COVID-19 detection framework using CT and X-Ray images	Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization	2168-1171	Scopus/Wos	Published	August 2023
9	Dr. R. Siva Subramanian	A Finger Vein Image Recognition based on DLT	International Conference on Electronics and Sustainable Communication Systems ,IEEE	979-8-3503-0009-3	Scopus	Published	August 2023
10	Dr. R. Siva Subramanian	Paddy Plant Leaf Disease Classification based on Artificial Intelligence	International Conference on Electronics and Sustainable Communication Systems ,IEEE	979-8-3503-0009-3	Scopus	Published	August 2023
11	Dr. R. Siva Subramanian	Predictive Modelling for Lung Cancer Detection using Machine Learning Techniques	International Conference on Communication and Electronics Systems,	979-8-3503-9663-8	Scopus	Published	August 2023

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			IEEE				
12	Dr. R. Siva Subramanian	A Survey on Natural Language Processing and its Applications	International Conference on Electronics and Sustainable Communication Systems ,IEEE	979-8-3503-0009-3	Scopus	Published	August 2023
13	Dr. R. Siva Subramanian	Predictive Analytics for Heart Disease Detection: A Machine Learning Approach	International Conference on Electronics and Sustainable Communication Systems ,IEEE	979-8-3503-0009-3	Scopus	Published	August 2023
14	Dr.N.P.Ponnuviji	Enhancing lifestyle and health monitoring of elderly populations using CSA-TkELM classifier	Knowledge-Based Systems, ScienceDirect	1872-7409	Scopus	Published	August 2023
15	Ms.R.Sandhiya	An Intelligent Human-Machine Interface Based on Eye Tracking for Written Communication of Patients with Locked-in Syndrome	IEEE International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI)	979-8-3503-1590-5	Scopus	Published	September 2023
17	Mr.T.P.Anish	An Efficient Data Recognition and Classification in Cloud-IoT System using Optimized K-Means Algorithm and Hybrid CNN-SVM Deep Learning Model	IEEE International Conference on Augmented Intelligence and Sustainable Systems (ICAISS)	979-8-3503-2579-9	Scopus	Published	September 2023

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18	Dr. R.Siva Subramanian	Water Quality Prediction using Machine Learning: A Comparative Study	IEEE International Conference on Augmented Intelligence and Sustainable Systems (ICAISS)	979-8-3503-2579-9	Scopus	Published	September 2023
19	Dr. R.Siva Subramanian	A Comprehensive Survey of Machine Learning: Advancements, Applications, and Challenges	IEEE International Conference on Augmented Intelligence and Sustainable Systems (ICAISS)	979-8-3503-2579-9	Scopus	Published	September 2023
20	Dr. R.Siva Subramanian	A Comprehensive Survey of Deep Learning: Advancements, Applications, and Challenges	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	Scopus	Published	September 2023
21	Dr. R.Siva Subramanian	Artificial Intelligence in Human Resource Management: Advancements, Implications and Future Prospects	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	Scopus	Published	October 2023
22	Dr. R.Siva Subramanian	Exploring Current Trends and Challenges in Cybersecurity: A Comprehensive Survey	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	Scopus	Published	October 2023
23	Dr. R.Siva Subramanian	Machine Learning-Driven PCOS Prediction for Early Detection and Tailored Interventions	SSRG International Journal of Electrical and Electronics Engineering	2348-8379	Scopus	Published	October 2023

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24	Dr. R.Siva Subramanian	A Comprehensive Survey on Naive Bayes Algorithm: Advantages, Limitations and Applications	IEEE International Conference on Smart Electronics and Communication	979-8-3503-0088-8	Scopus	Published	October 2023
25	Dr. R.Siva Subramanian	AI and IoT Applications in Medical Domain Enhancing Healthcare Through Technology Integration	AI and IoT-Based Technologies for Precision Medicine, IGI Global	9798369308769	Scopus	Published	October 2023
26	Mr.V.M.Jemin	TTS System for Deafened and Vocally impaired persons in Native Language	Journal of Intelligent & Fuzzy Systems	1875-8967	Scopus	Published	November 2023
27	Mr.T.P.Anish	IoT-Based Environmental Control System for Fish Farms with Sensor Integration and Machine Learning Decision Support	International Journal on Recent and Innovation Trends in Computing and Communication	2321-8169	Scopus	Published	November 2023
28	Dr.S.Kalaimagal	An Architecture-based Self-Typing Service for Cloud Native Applications	IEEE International Conference on Smart Electronics and Communication	979-8-3503-0088-8	Scopus	Published	December 2023
29	Dr. N.R.Rejin Paul	Advancing Safety: IoT-Based Multi Sensor System for Real-Time Multiple Hazards Detection and Alarming	IEEE International Conference on Smart Electronics and Communication	979-8-3503-0088-8	Scopus	Published	December 2023
30	Dr. N.R.Rejin Paul	LCO–EGC: levy chaotic optimization-based enhanced graph convolutional network for monitoring health of sports athletes	Wireless Networks	1572-8196	Scopus	Published	December 2023
31	Mr.T.P.Anish	Hsc-attention multi-disease prediction Net: A heuristic-	Biomedical Signal Processing and	1746-8108	Scopus	Published	January 2024

S. No.	Name of Faculty Member	Title of the Paper	Name of the Journal/Conference	ISSN & Other Details	Indexing	Status	Year of publications
		assisted hybrid serial cascaded Attention-based Network with ensemble feature selection process for Multi-Disease prediction	Control				
32	Mr.T.P.Anish	A Simplified Policy Modification Framework By External provider For Human Medical Record Sharing	IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering	979-8-3503-0570-8	Scopus	Published	January 2024
33	Ms. Kathija Nasreen A	Robust Object Detection and Tracking Model for Visually Impaired People Using Deep Convolution Neural Network Model	IEEE International Conference on Sustainable Communication Networks and Application	979-8-3503-1398-7	Scopus	Published	January 2024
34	Dr.K.Ramar	Detecting multiple moving objects for unusual crowd activities detection in video surveillance system	journal of intelligent and fuzzy systems	1875-8967	Scopus	Published	February 2024
35	Ms.D.Lekha	Leveraging Ensemble Learning Model for Human Gait Recognition in Human Computer Interface	IEEE, International Conference on Automation, Computing and Renewable Systems (ICACRS)	979-8-3503-4023-5	Scopus	Published	February 2024

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36	Mr. R.Siva Subramanian	Sentiment Analysis on Text data: Methods, Applications, Challenges and Future Directions	International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	979-8-3503-1341-3	Scopus	Published	February 2024
37	Mr. R.Siva Subramanian	Risk Prediction Modeling for Breast Cancer using Supervised Machine Learning Approaches	International Conference on Automation, Computing and Renewable Systems (ICACRS)	979-8-3503-4023-5	Scopus	Published	February 2024
38	Mr. R.Siva Subramanian	A Effective Detection Method using Optimized Decision Tree Classification for Network based Intrusion	International Conference on Electronics, Communication and Aerospace Technology (ICECA)	979-8-3503-4060-0	Scopus	Published	February 2024
39	Mr. R.Siva Subramanian	Accelerating Alzheimer's Research with Machine Learning Models for Improved Detection	International Conference on Electronics, Communication and Aerospace Technology (ICECA)	979-8-3503-4060-0	Scopus	Published	February 2024
40	Mr. R.Siva Subramanian	Leveraging Machine Learning for Customer Intelligence: An Experimental Analysis Learning Classifiers	International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN 2023)		Scopus	Published	February 2024

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41	Mr. R.Siva Subramanian	Quantum Computing: Unveiling the Paradigm Shift and Diverse Applications	Applications and Principles of Quantum Computing IGI Global.(Book Chapter)		Scopus	Published	February 2024
42	Mr. R.Siva Subramanian	Customer Churn Prediction Model in Enterprises using Machine Learning	International Journal of Advanced Technology and Engineering Exploration (IJATEE)		Scopus	Published	February 2024
43	Mr.T.P. Anish	Leveraging Machine Learning for Customer Intelligence: An Experimental Analysis Learning Classifiers	Procedia Computer Science		Scopus	Published	February 2024
44	Dr.N.R.Rejin Paul	LCO–EGC: levy chaotic optimization-based enhanced graph convolutional network for monitoring health of sports athletes	Wireless Networks	1572-8196	Scopus	Published	February 2024
45	Ms.R.Saranya	Automated Facial Emotion Detection using Arithmetic Optimization Algorithm with Deep Convolutional Neural Network for Autonomous Vehicle Drivers	IEEE, International Conference on Automation, Computing and Renewable Systems (ICACRS)	979-8-3503-4023-5	Scopus	Published	February 2024
46	Mr.T.P.Anish	Enhancing DeepFake Detection: Leveraging Mesonet for Video Fraud Identification	SN Computer Science	2661-8907	Scopus	Published	March 2024

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47	Mr.T.P.Anish	A novel approach for multi-CHD prediction using IW-LNEF-DJRNN model based on 3D CT images	Biomedical Signal Processing and Control	1746-8108	Scopus	Published	March 2024
48	Siva Subramanian R	Ensemble-based deep learning techniques for customer churn prediction model	Kybernetes	0368-492X	Scopus	Published	April 2024
48	Vigilsan Prem M	Deep learning and machine learning classification technique for integrated forecasting	IAES International Journal of Artificial Intelligence (IJ-AI)	2252-8938	Scopus	Published	May 2024
49	Ponnuviji N P	Securing cloud-based medical data: an optimal dual kernel support vector approach for enhanced EHR management	International Journal of System Assurance Engineering and Management	0976-4348	Scopus	Published	May 2024
50	Ponnuviji N P	IoT-Enabled Assistive Technologies Approach for Personalized Geriatric Health Monitoring and Safety	Future of AI in Biomedicine and Biotechnology	9798369336304	Scopus	Published	June 2024
51	Raja Suguna M	IoT-Enabled Black Box for Driver Behavior Analysis using Cloud Computing	International Conference on Advances in Data Engineering and Intelligent Computing Systems	979-8-3503-6482-8	Scopus	Published	June 2024
52	Ms. JAYABHARATHI R	Optimal Multi-Keyword Ranked Search Matching in Public	Ninth International Conference on Science	979-8-3503-	Scopus	Published	July 2024

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		Cloud with Enhanced Secure Search Scheme Over Encrypted Data	Technology Engineering and Mathematics (ICONSTEM)	6509-2			
53	Dr. RAJA SUGUNA M	Advanced Seizure Prediction System for Wearable Health Management Devices using KNN Algorithm	International Conference on Innovative Practices in Technology and Management (ICIPTM)	979-8-3503-0775-7	Scopus	Published	July 2024

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