



YEAR 2023-24

S.No	Author Name	Title of the Paper	Name of Journal / Conference	Category (Scopus/WOS)	Month & Year
JOURNAL PUBLICATION					
1	Mr. A. Deepak Kumar	INNOVATIVE TIME SERIES-BASED ECG FEATURE EXTRACTION FOR HEART DISEASE RISK ASSESSMENT	Journal of Theoretical and Applied Information Technology	SCOPUS	November 2023
2	Mr. A. Deepak Kumar	COMPARATIVE EVALUATION OF CARDIOVASCULAR DISEASE USING MLR AND RF ALGORITHM WITH SEMANTIC EQUIVALENCE	Journal of Theoretical and Applied Information Technology	SCOPUS	September 2023
3	Mr. A. Deepak Kumar	Analytic approach of predicting employee attrition using data science techniques	Journal of Theoretical and Applied Information Technology	SCOPUS	May 2023
4	Mr. S. Muthukumar	Enhanced deep learning based on invasive anomaly detection of ECG signals with emphasis on Diabetes	International journal of Intelligent systems and applications in engineering	SCOPUS	June 2023
5	Dr. J. Dafni Rose	IoT Enabled Sensory Monitoring System for Fog Optimal Resource Provisioning Method in Health Monitoring System	International Journal on Recent and Innovation Trends in Computing and Communication	SCOPUS	July 2023
6	Dr. Adlin Sheeba	Secure smart city application using webservice model and mayfly optimization-based lightweight CNN	Transactions on Emerging Telecommunications Technologies	SCOPUS, SCIE	November 2023
7	Ms.U.Surya	Proficient Bayesian Classifier for Predicting Congestion and Active Node Sensing Classification in Wireless Cognitive Radio	IJEER	Scopus	December 2023
8	Dr.D.Menaga	Optimal trained long short-term memory for opinion mining: a hybrid semantic knowledgebase approach	International Journal of Intelligent Robotics and Applications	SCOPUS, ESCI, WOB, UGC	June 2023

9	Dr.D.Menaga	A Detection of Intrusions Based on Deep Learning	Cybernetics and Systems	SCOPUS, SCIE, WOS	June 2023
10	Dr. L. SaiRamesh	Fuzzy C-Means Segmentation and Hybrid DarkNet-SVM Model for Tumor Detection in Homo Sapiens Through CT Images	Journal of Electrical Engineering and Technology	SCOPUS, SCIE	December 2023
11	Dr. L. SaiRamesh	CNN BASED OPINION MINING FOR USER EXPERIENCE (UX) DESIGN WITH MARKOV CHAIN MONTE CARLO MODEL	Journal of Engineering Research	Scopus	December 2023
12	Mr. A. Bala Murali	Protectors of the Android Domain: Research into Mobile Malware Detection and Defense	International Journal of Intelligent Systems and Applications in Engineering	Scopus	Jan 2024
13	Dr.C.A Subasini	Power allocation for enhancing energy efficiency in unmanned aerial vehicle networks	International Journal of Communication Systems	SCOPUS, SCIE, WOS	Jan 2024
14	Dr. Adlin Sheeba	Multi-image fusion: optimal decomposition strategy with heuristic-assisted non-subsampled shearlet transform for multimodal image fusion	Signal, Image and Video Processing	SCOPUS, SCIE	Feb 2024
15	Dr. J. Dafni Rose	Multiscale adaptive and attention-dilated convolutional neural network for efficient leukemia detection model with multiscale trans-res-Unet3+ -based segmentation network	Biomedical Signal Processing and Control	SCOPUS, SCIE, WOS	Jan/24
16	Dr. J. Dafni Rose	Deep learning-based cancer disease classification using Gene Expression Data	Journal of Autonomous Intelligence	SCOPUS, SCIE, NOT UGC	Jan 24
17	Dr. Adlin Sheeba	An efficient starling murmuration-based secure web service model for smart city application using DBN	Artificial Intelligence Review	SCOPUS, SCIE, WOS	Feb/24
18	Mrs.M.Ramya	Unified Security Paradigm: Bi-Factor Authentication and Hyper Elliptical Curve Cryptography in IoT-Enabled Cloud Data Protection (BFHECC-IoMT)	International Journal of Electronics and Communication Engineering	Scopus,NOT UGC	March
19	Dr.D.Menaga	Privacy-Preserving Image Storage on Cloud Using An Unified Cryptographic Authentication Scheme	Salud, Ciencia y Tecnología - Serie de Conferencias	Scopus,nOT UGC	March 2024

20	Mrs. Revathy S	An Extensive Study of Different Types of Leukemia using Image Processing Techniques	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	Scopus	Jan 2024
21	Dr.C.A Subasini	A novel model for optimal selection of relay bus with maximum link reliability in VANET using hybrid fuzzy niching grey wolf optimization	International Journal of Wireless Networks	SCOPUS, SCIE, WOS	May 2024
22	Mr. P. Mithun	A Model for Predicting Chronic Kidney Diseases Based on Medical Data Using Reinforcement Learning	SN Computer Science	Scopus	March 2024
23	Dr. N. Mythili	Crossover Boosted Grey Wolf Optimizer-based framework for leader election and resource allocation in Intrusion Detection Systems for MANETs	Transactions on Emerging Telecommunications Technologies	SCOPUS, SCIE, WOS	May 2024
24	Mrs. Ezhil Dyana M V	Testing and Evaluation of friction surfacing of Alloy 36 over spherical graphite iron and its effect on coating thickness and width using artificial neural networks and response surface methodology	Materialwiss. Werksofftech	SCOPUS, ESCI	March 2024
25	Dr.C.A Subasini	Enhancing Solar Still Distillation Efficiency through Integrated Solar Chimneys and Submerged Condenser Systems	Thermal Science	SCOPUS, SCIE	May 2024
26	Dr.C.A Subasini	Healthcare security in cloud-based wireless sensor networks: Botnet attack detection via autoencoder-aided goal-based artificial intelligent agent	Concurrency and Computation: Practice and Experience	SCOPUS, SCIE	May 2024
CONFERENCE					
1	Dr. J.Dafni Rose	Designing a Biped Robot's Gait using Reinforcement Learning's -Actor Critic Method	2023 International Conference on Inventive Computation Technologies (ICICT), Lalitpur, Nepal	SCOPUS	June 2023
2	Dr. C.A Subasini, Dr. Adlin Sheeba	Dynamic Healthcare System using Cloud Computing	International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), Chennai, India, 2023	SCOPUS	August 2023

3	Mrs. E. Ajitha, Mrs. K. Jaspin	Forecast the Onset of Parkinson's Disease at all Three Stages using Deep Learning Techniques	International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), Chennai, India, 2023	SCOPUS	August 2023
4	Dr. J. Dafni Rose Dr. K. Vijayakumar	Information Retrieval using OSINT and GHDB	International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), Chennai, India, 2023	SCOPUS	August 2023
5	Ms. K. Sherin	Image Processing Based Speed Measurement and License Plate Detection of Vehicles	International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), Chennai, India, 2023	SCOPUS	August 2023
6	Mrs. K. Jaspin	Chatbot for Trading Cryptocurrency	International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), Chennai, India, 2023	SCOPUS	August 2023
7	Mr. Mithun P,	A Multi Layered Model for Polystic Syndrome Perception using CNMP	International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), Chennai, India, 2023	SCOPUS	August 2023
8	Mr. A. Deepak Kumar	An AI Powered Threat Detector for Banking Sector Using Intelligent Surveillance Cameras	International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), Chennai, India, 2023	SCOPUS	August 2023
9	Dr. D Menaga	A Method for Predicting Movie Box-Office using Machine Learning	4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023	SCOPUS	August 2023
10	Dr. J. Dafni Rose	A Scoping review of Deep Reinforcement Learning methods in Visual Navigation	2023 IEEE International Conference on Contemporary Computing and Communications	SCOPUS	September 2023

11	Mrs. K. Jaspin	Location Based Attendance Monitoring System with Facial Authentication	International Conference on Emergent Converging Technologies and Biomedical Systems	SCOPUS	August 2023
12	Ms. Sherin. K	Monitoring the Quality of Agro Products using NDMSVM Algorithm	2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS)	SCOPUS	September 2023
13	Mrs. A. Angeline Valentina Sweety	AI based Real-Time Traffic Signal Control System using Machine Learning	2023 4th International Conference on Electronics and Sustainable Communication Systems (ICESC)	SCOPUS	August 2023
14	Ms. Sherin K	The Role of AI and Blockchain in Supply Chain Traceability	<u>2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE)</u>	SCOPUS	July 2023
15	Dr. N. Mythili	Detection of TB from Chest X-ray: A Study with EfficientNet	2023 International Conference on System, Computation, Automation and Networking (ICSCAN)	SCOPUS	January 2024
16	Dr. N. Mythili	Lightweight Deep-Learning Based Music Genre Classification: A Study	2023 International Conference on System, Computation, Automation and Networking (ICSCAN)	SCOPUS	January 2024
17	R.Vasanthi	Support Vector Machine-based Bioinformatics in Agriculture Genomic Insights for Crop Improvement	2023 International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS)	SCOPUS	Jan
18	sundarababu maddu	An Enhanced Support Vector Machine Based Pattern Classification Method for Text Classification in English Texts	2023 7th International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS)	SCOPUS	2-4 November 2023
19	C.A. Subasini,	Development of Future Wireless Communication based IoT System	6th International Conference on Computing Sciences 2022	Scopus, WOS (Not Indexed)	July 2023
20	Caroline El Fiorenza J	Forecast the Onset of Parkinson's Disease at all Three Stages using Deep Learning Techniques	1st International Conference on Advances in Electrical, Electronics and Computational Intelligence,	Scopus	Oct 2023

21	E. Ajitha; B. Diwan; K. Jaspin; B. Swetha Shri; G. Shobana	A Comparative Study of Rainfall Prediction Using Machine Learning Techniques	2023 4th International Conference on Smart Electronics and Communication (ICOSEC)	Scopus	2023
22	E. Ajitha	An Effective Approach Using Machine Learning for Fall Prediction	9th International Conference on Smart Computing and Communications (ICSCC)	Scopus	2023
23	S.Janagiraman	Deep Learning for Breast Cancer Prediction in the Era of Big Data: A Comparative Study of Gene Expression and DNA Methylation	2023 International Conference on Sustainable Communication Networks and Application (ICSCNA)	SCOPUS	Jan/24
24	Ms. S.M. KEERTHANA	Brain Tumor Diagnosis with MCNN-Based MRI Image Analysis	1st International Conference on Optimization Techniques for Learning (ICOTL)	SCOPUS	Mar 24
25	G.Smilarubavathy	Smart System for Vehicle Number Plate Recognition Using Convolutional Neural Network(CNN)	1st International Conference on Optimization Techniques for Learning (ICOTL)	Scopus	Mar 24
26	K. Sherin	Optimising Lung Cancer Screening Through Advanced Techniques for Image Analysis: An Efficient Deep Learning Approach	2023 4th International Conference on Smart Electronics and Communication (ICOSEC)	Scopus	Oct 2023
27	Mrs. Jaspin K	Automated Classification of MR Brain Images based on Transfer Learning Approach	International Conference on Intelligent Computing and Control for Engineering and Business Systems(ICCEBS'23)	Scopus	March 2024
28	L. SaiRamesh	Interactive Learning Environment for Networking Topics based on Augmented Reality	1st International Conference on Computer Vision and Internet of Things-2023 - ICCVIoT'23	Scopus	Jan 2024
29	L. SaiRamesh	A Machine Learning Approach for District Wise Classification of Employability Rate in Southern Indian States	International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2023)	Scopus	March 2024
30	Mrs. Jaspin K	Smart Shoes for Fitness and Performance Analysis of Sportsmen	2024 IEEE International Conference on Computing, Power and Communication Technologies (IC2PCT)	Scopus	Apr/24

31	Sundarababu maddu	Precision Farming Using Machine Learning and Data Analytics	International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES -2023)	Scopus	March 2024
32	Dr. N. Mythili	Exploring the Role of Generative Adversarial Networks (GANs) in Image Translation using Load Balancer Interface Application	2023 3rd International Conference on Innovative Mechanisms for Industry Applications(ICIMIA)	Scopus	June 2024
33	Jaspin K	Smart Shoes for Fitness and Performance Analysis of Sportsmen	2024 IEEE International Conference on Computing, Power and Communication Technologies (IC2PCT)	Scopus	May 2024