DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Journal Publication Details 2022 - 2023

S.No	Author Name	Title of the Paper	Name of Journal/Conference	Category (Scopus/WOS/Others)	Month & Year	Impact Factor	Volume No, Issue No, Page No
1	**Dr. K. Vijayakumar**	Deep grading of mangoes using Convolutional Neural Network and Computer Vision	Multimedia Tools and Applications	SCIE, Scopus	July 2022	2.577	https://doi.org/10.1007/s11042-021-11616-2
2	**Dr. K. Vijayakumar**	Breast cancer prediction from microRNA profiling using random subspace ensemble of LDA classifiers via Bayesian optimization	Multimedia Tools and Applications	SCIE, Sccopus	July 2022	2.577	Volume No: 81, Issue No: 29, Page No: 41785-41805
3	**Dr. D. Manohari**	Automated Red Deer Algorithm with Deep Learning Enabled Hyperspectral Image Classification	Intelligent Automation & Soft Computing	SCIE, Scopus	July 2022	1.647	Volume no: 35, Issue No: 1, Page No: 2353-2366
4	**Dr. Adlin Sheeba,** Dr. C. A. Subasini	An Efficient Galactic Swarm Optimization Based Fractal Neural Network Model with DWT for Malignant Melanoma Prediction	Neural Processing Letters	SCIE, Scopus	July 2022	2.908	Volume No: 54, Issue No: 6, Page No: 5043-5062
5	**Dr. K. Vijayakumar**	Automatic detection of breast cancer in ultrasound images using Mayfly algorithm optimized handcrafted features	Journal of X-Ray Science and Technology	SCIE, Scopus	August 2022	2.37	Volume No: 30, Issue No: 4, Page No: 751-766
6	**Ms. D.Menaga**	Optimal trained long short-term memory for opinion mining: a hybrid semantic knowledgebase approach	International Journal of Intelligent Robotics and Applications	ESCI, Scopus	August 2022	1.81	Volume No: 7, Issue No: 1, Page No: 119-133
7	**Dr. D. Manohari**	Oppositional Red Fox Optimization Based Task Scheduling Scheme for Cloud Environment	Computer System Science and Engineering	SCIE, Scopus	October 2022	4.397	Volume No: 45, Issue No: 1, Page No: 483-495
8	**Mr. A. Deepak Kumar**	Real-Time 3D Object Detection and Classification in Autonomous Driving Environment Using 3D LiDAR and Camera Sensors	Electronics	SCIE, Scopus	Dec 2022	2.69	Volume: 11, Issue No: 24, Page No:
9	**Dr. D. Manohari**	Cooperative Channel and Optimized Route Selection in Adhoc Network	Intelligent Automation & Soft Computing	SCIE, Scopus	January 2023	1.647	Volume No: 36, Issue No: 2, Page No: 1547-1560
10	**Dr. Adlin Sheeba**	Microscopic image analysis in breast cancer detection using ensemble deep learning architectures integrated with web of things	Biomedical Signal Processing and Control	SCIE, Scopus	January 2023	5.076	Volume 79, Part 2, January 2023, 104048
11	**Dr. Adlin Sheeba**	An efficient fault tolerance scheme based enhanced firefly optimization for virtual machine placement in cloud computing	Concurrency and Computation: Practice and Experience	SCIE, Scopus	Feb 2023	1.831	Volume No: 35, Issue No: 7

12	**Ms. D.Menaga**	A Detection of Intrusions Based on Deep Learning	Cybernetics and Systems	SCIE, Scopus	Feb 2023	2.24	https://doi.org/10.1080/01969722.2023.2175134
13	**Dr. J. Dafni Rose**	Privacy Preserving and Time Series Analysis of Medical Dataset using Deep Feature Selection	International Journal on Recent and Innovation Trends in Computing and Communication	Scopus	Mar 2023	1.376	Volume : 11, Issue: 3, Page no : 2321-8169
14	**Ms. K. Jaspin**	Multiclass convolutional neural network based classification for the diagnosis of brain MRI images	Biomedical Signal Processing and Control	SCIE, Scopus	Apr 2023	5.076	Volume No: 82, Issue No: 1, 1746-8094
15	**Mr. Deepak Kumar. A**	Multilevel Augmentation for Identifying Thin Vessels in Diabetic Retinopathy Using UNET Model	Intelligent Automation and Soft Computing	SCIE, Scopus	July 2022	3.401	Volume : 35 Issue No. : 2

OTHERS

S.No	Author Name	Title of the Paper	Name of Journal/Conference	Category (Scopus/WOS/ Others)	Month & Year	Impact Factor	
1	**Dr. Adlin Sheeba,** Ms. E. Ajitha	Speech based Depression Analysis using Web Services and Convolutional Neural Networks	Journal of Pharmaceutical Negative Results	Google Scholar	Feb 2023	0.128	Volume No:14, Issue No : 3
2	**Dr. Adlin Sheeba,** Dr. C. A. Subasini	Leukocytes Classification Using Convolutional Neural network	Cardiometry	Google Scholar	Feb 2023	-	Issue No: 26
3	**Ms. R.Vasanthi**	Heart Disease Prediction Using Random Forest Algorithm	Cardiometry	Google Scholar	November 2022	-	Issue No: 24

CONFERENCE CONSOLIDATED 2022-2023

S.No	Author Name	Title of the Paper	Name of the Conference	Category (Scopus/WoS/ Others)	Month & Year	Publisher	ISBN/VOL NO/DOI
1	**Ms. E. Ajitha**	A Critical analysis on Neural Networks and Deep Learning Based Techniques for the Cloud Computing System and its Impact on Industrial Management	2nd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE)	SCOPUS	July 2022	IEEE	DOI: 10.1109/ICACITE53722.2022.9823663
2	**Dr. J. Dafni Rose,** Dr. K. VijayaKumar	Comparison of Football Results Using Machine Learning Algorithms	2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	SCOPUS	October 2022	IEEE	D.O.I 10.1109/ICSES55317.2022.9914265
3	**Dr. K. Vijayakumar**	A Proposed Approach for Identifying the Connotative Relationship of English Sentences and paragraphs using the NLP package of Python	2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	SCOPUS	October 2022	IEEE	DOI: 10.1109/ICSES55317.2022.9914220
4	**Dr. K. Vijayakumar**	Class Based Ensemble Similarity Measure Based Efficient Classification of Medical Data	2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	SCOPUS	October 2022	IEEE	DOI: 10.1109/ICSES55317.2022.9914304
5	**Dr. K. Vijayakumar**	Optimization techniques for reducing the emissions through interconnected cars	2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	SCOPUS	October 2022	IEEE	DOI: 10.1109/ICSES55317.2022.9914354

6	**Dr. K. Vijayakumar**	Business Decision making using Data Science	2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	SCOPUS	October 2022	IEEE	DOI: 10.1109/ICSES55317.2022.9914352
7	**Dr. K. Vijayakumar**	IOT based LED Electronics board	2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES)	SCOPUS	October 2022	IEEE	DOI: 10.1109/ICSES55317.2022.9914315
8	**Ms.U.Surya**	Treatment for Insomnia using Music Genre prediction using Convolutional Recurrent Neural Network	2022 1st International Conference on Computational Science and Technology (ICCST)	SCOPUS	November 2022	IEEE	https://doi.org/10.1109/ICCST55948.2022.10040279
9	**Mrs. E. Ajitha**	Detecting Parkinson's Disease using Machine Learning	Proceedings of the International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering, ICECONF 2023	SCOPUS	January 2023	IEEE	DOI: 10.1109/ICECONF57129.2023.10083581
10	**Dr.C.A Subasini**	Classification of Dermoscopy Textures with an Ensemble Feedback of Multilayer Perceptron	Blockchain-Based Systems for the Modern Energy Grid	SCOPUS	March 2023	Springer	https://doi.org/10.1007/978-3-031-27622-4_17
11	**Dr. K. Vijayakumar**	Predicting Anomalous and Consigning Apprise During Heists	2023 International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)	SCOPUS	April 2023	IEEE	DOI: 10.1109/ICECONF57129.2023.10084114
12	**Dr. K. Vijayakumar**	Fake News Classification using Transfer Learning	2023 International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)	SCOPUS	April 2023	IEEE	DOI: 10.1109/ICECONF57129.2023.10083678
13	**Dr. K. Vijayakumar**	Baseline Modeling for Early Prediction of Loan Approval System	2023 International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)	SCOPUS	April 2023	IEEE	DOI: 10.1109/ICECONF57129.2023.10083650
14	**Dr. J. Dafni Rose, Dr. K. Vijayakumar**	Neural Machine Translation Using Attention	2023 International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)	SCOPUS	April 2023	IEEE	DOI: 10.1109/ICECONF57129.2023.10083569
15	**Mrs. K. Jaspin**	RealTime Number Plate and Helmet Detection of Motor cyclists using YOLO V5 and RESNET 50	2nd International Conference on Sustainable Computing and Data Communication Systems(ICSCDS 2023)	SCOPUS	April 2023	IEEE	DOI: 10.1109/ICSCDS56580.2023.10105076
16	**Mr. Deepak Kumar. A**	Efficient Method for Detecting Abnormal Growth of Blood Vessels Using Convolutional Neural Network	2023 International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)	SCOPUS	April 2023	IEEE	https://doi.org/10.1109/ICECONF57129.2023.10083691
17	**Mr. A. Deepak Kumar**	The Role of Machine Learning in IoT: A Survey	2022 3rd International Conference on Smart Electronics and Communication (ICOSEC)	SCOPUS	November 2022	IEEE	https://doi.org/10.1109/ICOSEC54921.2022.9952042
18	**Ms. S. Revathy**	HKCN: A Novel Breast Cancer Identification Scheme using Homomorphic K-Means Clustering Norms	2022 IEEE North Karnataka Subsection Flagship International Conference (NKCon)	SCOPUS	May 2023	IEEE	https://doi.org/10.1109/NKCon56289.2022.10126906

| 19 | **Ms. K. Jaspin,** Ms. E. Ajitha, Dr. Dafni Rose, Ms. K. Sherin | Intelligent Traffic Light Control System using Caffe Model:A Deep Learning Strategy | Winter Summit on Smart Computing and Networks(IEEE WiSSCoN 2023) | SCOPUS | May 2023 | IEEE | DOI: 10.1109/WiSSCoN56857.2023.10133847 |

			BOOK CHAPTER				
S.No	Author Name	Title of the Paper	Name of the Conference	Category (Scopus/WoS/ Others)	Month & Year	Publisher	
1	**Ms. K. Jaspin**	Convolution Neural Network Based Classification of Plant Leaf Disease Images	Lecture Notes in Electrical Engineering	SCOPUS	September 2022	Springer	ISBN : 978-981-19-4830-5
2	**Dr. Adlin Sheeba**	Tracking and Monitoring of Soldiers Using IoT and GPS	Lecture Notes in Networks and Systems	SCOPUS, WOS	January 2023	Springer	https://link.springer.com/chapter/10.1007/978-981-19-2840-6_5
3	**Dr. Adlin Sheeba**	Blockchain in internet of entities-issues and challenges	Blockchain-Based Systems for the Modern Energy Grid	SCOPUS	January 2023	Science Direct	https://doi.org/10.1016/B978-0-323-91850-3.00012-3
4	**Dr. Adlin Sheeba**	Survey of risks and threats in online learning applications	Secure Data Management for Online Learning Applications	SCOPUS, WOS	Feb 2023	Taylor & Francis Group	https://doi.org/10.1201/9781003264538