

**Journal Publications for the Academic Year 2021-2022**

<b>S. No</b>	<b>Name of the Faculty</b>	<b>Name of the Journal</b>	<b>Paper Title</b>	<b>Volume, Page No, Year</b>	<b>Sci/Scopus/ Other Indexed</b>	<b>DOI</b>
1	Dr. Manoj Kumar S.	International Journal of Intelligent Automation & Soft Computing	Aggregated PSO for Secure Data Transmission for WSN Using Fog Server	Vol.34, No.2, 2022, pp.1017-1032, 3 May 2022	SCI	<a href="https://doi.org/10.32604/iasc.2022.025665">https://doi.org/10.32604/iasc.2022.025665</a>
2	Dr. Manoj Kumar S.	Techscience Intelligent Automation & soft computing	Wireless Intrusion Detection Based on Optimized LSTM with Stacked Auto Encoder Network	Vol.34, No.1, 2022, pp.439-453, 53 15 April 2022	SCI	<a href="https://www.techscience.com/iasc/v34n1/47364">https://www.techscience.com/iasc/v34n1/47364</a>
3	Dr. Suresh P.	Tech Science Press - CSSE	Intrusion detection system for big data analytics in IoT Environment	Vol.43, No.1, 2022, pp.381-396, March 2022	SCI	<a href="https://doi.org/10.32604/csse.2022.023321">https://doi.org/10.32604/csse.2022.023321</a>
4	Dr. Manoj Kumar S.	Wireless Personal Communications	Self-authentication Model to Prevent Cheating Issues in Grayscale Visual Secret Sharing Schemes	Vol.125, pp: 1695–1714 2022	SCI	<a href="https://link.springer.com/article/10.1007/s11277-022-09628-8">https://link.springer.com/article/10.1007/s11277-022-09628-8</a>

5	Mr. Kamaraj K.	Concurrency and Computation Practice and Experience	Improved beetle swarm optimization algorithm for energy efficient virtual machine consolidation on cloud environment	vol:34, issue 10, pp:6828, 2022	SCI	<a href="https://doi.org/10.1002/cpe.6828">https://doi.org/10.1002/cpe.6828</a>
6	Ms. Jayanthi J.	Journal of Environmental Protection and Ecology	Durability performance of self compacting concrete with agricultural by products as cement replacement	Vol:22 Issue 6, pp:2402-2416, 2022	SCI	<a href="https://doi.org/10.1102/cpe.6828">https://doi.org/10.1102/cpe.6828</a>
7	Ms. Jayanthi N.	Advances in Material Science and Engineering	Using an Artificial Neural Network to Validate and Predict the Physical Properties of Self-Compacting Concrete	Vol: 2022  Article ID 1206512, pp:1-10.	SCI	<a href="https://doi.org/10.1155/2022/1206512">https://doi.org/10.1155/2022/1206512</a>
8	Mr. Balamurugan A.	Wiley Online library Trans Emerging Tel Tech	Modified African buffalo and group teaching optimization algorithm-based clustering scheme for sustaining energy stability and network lifetime in wireless sensor networks	Vol.33, Issue 1, 2021	SCI	10.1002/ett.4402

9	Dr. Surendran D.	Journal of Electrical Engineering & Technology	Prognosis of Alzheimer's Disease Progression from Mild Cognitive Impairment Using Apolipoprotein-E Genotype	vol.17, pp: 1445-1457, 2021	SCI	10.1007/s42835-021-00967-3
10	Mr. Sivaramakrishnan R.	Intelligent Automation & Soft Computing	Sensor Data Based Anomaly Detection in Autonomous Vehicles using Modified Convolutional Neural Network	Vol.32, No.2, pp.859-875, 2022	SCI	<a href="https://doi.org/10.32604/iasc.2022.020936">https://doi.org/10.32604/iasc.2022.020936</a>
11	Dr. Sumathi A.C.	Sensors - MDPI	Dynamic Bargain Game Theory in the Internet of Things for Data Trustworthiness	Vol 21 2021	SCI	10.3390/s21227611
12	Dr. Devipriya A.	CMC-Computers, Materials & Continua	Kernel Granulometric Texture Analysis and Light RES-ASPP-UNET Classification for Covid-19 Detection	Vol:71, No.1, pp: 651-666 2021	SCI	10.32604/cmc.2022.020820
13	Ms. Aswathy R. H.	Information Processing & Management	Dynamic customer churn prediction strategy for business intelligence using text analytics with evolutionary optimization algorithms	vol :58, pp:102706 , 2021	SCI	<a href="https://doi.org/10.1016/j.ipm.2021.102706">https://doi.org/10.1016/j.ipm.2021.102706</a>

14	Mr. Suresh P.	Computers, Materials & Continua	Optimal Confidential Mechanisms in Smart City Healthcare	vol:70(3), 2022	SCI	<a href="https://doi.org/10.32604/cmc.2022.019442">https://doi.org/10.32604/cmc.2022.019442</a>
15	Mr. Suresh P.	Computers, Materials & Continua	Optimal Deep Dense Convolutional Neural Network Based Classification Model for Covid-19 Disease	Vol:70, No.1, pp:20 31- 2047, 2022	SCI	<a href="https://doi.org/10.32604/cmc.2022.019876">https://doi.org/10.32604/cmc.2022.019876</a>
16	Dr. Surendran D.	Biomedical Signal Processing and Control	Heart disease data based privacy preservation using enhanced ElGamal and ResNet classifier	Vol:71, pp:103185, 2022	SCI	<a href="https://doi.org/10.1016/j.bspc.2021.103185">https://doi.org/10.1016/j.bspc.2021.103185</a>
17	Dr. Surendran D.	Computer Systems Science and Engineering	Autism Spectrum Disorder Diagnosis Using Ensemble ML and Max Voting Techniques	Vol.41, No.1, pp:389-404, 2021	SCI	<a href="https://doi.org/10.32604/csse.2022.020256">https://doi.org/10.32604/csse.2022.020256</a>
18	Ms. Aswathy R. H.	Computers, Materials & Continua	Optimized Tuned Deep Learning Model for Chronic Kidney Disease Classification	Vol:70, No.2, 2022, pp:2097- 2111, 2021	SCI	<a href="https://doi.org/10.32604/cmc.2022.019790">https://doi.org/10.32604/cmc.2022.019790</a>
19	Mr. Suresh P.	Computers, Materials & Continua	IoT with Evolutionary Algorithm Based Deep Learning for Smart Irrigation System	Vol.71, No.1, 2022, pp.1713- 1728, 2021	SCI	<a href="https://doi.org/10.32604/cmc.2022.021789">https://doi.org/10.32604/cmc.2022.021789</a>

20	Dr. Jayanthi N.	Intelligent Automation & Soft Computing	Multi-Model Detection of Lung Cancer Using Unsupervised Diffusion	vol: 31, no.2, pp: 1317–1329, Sep 2021	SCI	<a href="https://doi.org/10.32604/iasc.2022.018974">https://doi.org/10.32604/iasc.2022.018974</a>
21	Mr. Rajasekaran T.	Journal of Plant Diseases and Protection	Artificial intelligence in tomato leaf disease detection: a comprehensive review and discussion	vol:129, pp:469-488, 2021	SCI	<a href="https://link.springer.com/article/10.1007/s41348-021-00500-0">https://link.springer.com/article/10.1007/s41348-021-00500-0</a>
22	Dr. Gomathy B.	Computacion y Sistemas	SensMask: An Intelligent Mask for Assisting Patients during COVID-19 Emergencies	Vol. 25, No. 3, pp: 483–492, 2021	SCI	<a href="https://doi.org/10.13053/cys-25-3-3924">https://doi.org/10.13053/cys-25-3-3924</a>
23	Dr. Manoj Kumar S.	Wireless Personal Communications	Multiple Secret Image Communication Using Visual Cryptography	vol: 122, pp:3085–3103, 2021	SCI	<a href="https://link.springer.com/article/10.1007/s11277-021-09041-7">https://link.springer.com/article/10.1007/s11277-021-09041-7</a>
24	Ms. Sri Sathya K.B.	IEEE Xplore	Face Recognition based student detail collection using OpenCV	pp:1-4, 2022	Scopus	10.1109/ICSSS54381.2022.9782211

25	Ms. Uma Rani M.	IEEE Xplore International Conference on Applied Artificial Intelligence and Computing (ICAAIC)	Real-Time Handgun Detection in Surveillance Videos based on Deep Learning Approach	pp: 689-693 , June 2022	Scopus	10.1109/ICAAI C53929.2022.9 793288
26	Dr. Balamurugan A.	China Communications	Hybrid Marine predators optimization and improved particle swarm optimization-based optimal cluster routing in wireless sensor networks (WSNs)	vol:19, no. 6, pp:219-247, 2022	Scopus	10.23919/JCC. 2022.06.017
27	Ms. Jeevitha R.	IEEE Xplore	Robust And Efficient Classification of Fault in Ball Bearings Using Machine Learning	pp:1-7; 2022	Scopus	10.1109/ICSSS 54381.2022.97 82206
28	Ms. Kanagapriya P.	IEEE Xplore	Image Segmentation Enhanced with Machine Learning Techniques for Automatic Detection of Plant Leaf Diseases	pp:1-6, 2022	Scopus	10.1109/ICSSS 54381.2022.97 82278

29	Ms. Kanagapriya P.	IEEE Xplore	Early Detection of Alzheimer Disease in Brain Using Machine Learning Techniques	pp:1-7, 2022	Scopus	10.1109/ICSSS 54381.2022.9782165
30	Ms. Geetha S.K.	IEEE Xplore	Health Record Management Using Blockchain Technology	pp:1-5, 2022	Scopus	10.1109/ICSSS 54381.2022.9782228
31	Ms. Geetha S.K.	IEEE Xplore	Classification Of Human Predators in Offshore with Notification Process	pp:1-5, 2022	Scopus	10.1109/ICSSS 54381.2022.9782302
32	Ms. Kiruthika J.K.	IEEE Xplore	Identification of Maize Plant Leaf Disease Detection using ConvNet Model	pp:1-3, 2022	Scopus	10.1109/ICSSS 54381.2022.9782225
33	Dr. Thangaraj P.	IEEE Xplore	A New Network shortest path algorithm via Neutrosophic support digraph	pp:1-6, 2022	Scopus	10.1109/ICEEI CT53079.2022.9768620

34	Mr. Saravanan M.	AIP Conference Proceedings	Trusted authority based secured and efficient infrastructure-less routing in heterogeneous vehicular adhoc network	Vol: 2393, Issue 1, 2022	Scopus	<a href="https://doi.org/10.1063/5.0074765">https://doi.org/10.1063/5.0074765</a>
35	Ms. Kanagapriya P.	IEEE Xplore	Self-Organized Multi-Hop Bridge Reservation Medium Access Control for Cyber Physical Autonomous Vehicles	pp:782-786, 2022	Scopus	10.1109/ICOEI53556.2022.977198
36	Ms. Kanagapriya P.	IEEE Xplore	Diabetic Retinopathy Detection Using Statistical Features	Vol:2, pp: 44-48, 2022	Scopus	10.1109/ICIPTM54933.2022.9753932
37	Dr. Sivakumar T.	IEEE Xplore	Covid-19 Indoor Safety Monitoring System Based on Internet of Things	pp:1-6, 2022	Scopus	10.1109/IC3IO T53935.2022.9768013
38	Ms. Jency A Jebamani B	Materials Today: Proceedings	COVID - 19 Vaccine Sentiment Analysis using Public Opinions on Twitter	vol:64, pp:448-451, 2022	Scopus	<a href="https://doi.org/10.1016/j.matpr.2022.04.809">https://doi.org/10.1016/j.matpr.2022.04.809</a>



39	Mr. Vignesh V.	IEEE Xplore	Cost-Effective Integration and Deployment of Enterprise Application Using Azure Cloud Devops	pp:1-5, 2022	Scopus	10.1109/ICCCI 54379.2022.9740874
40	Ms. Nandhini N.	ECS Transactions	Block Chain and Edge Computing Base Design Secured Framework for Tender Allocation	Vol:107, No. 1, 2022, pp:4895. 2022	Scopus	10.1149/10701.4895ecst
41	Mr. Rajasekaran T.	International Journal of Sensor Networks	Real-time monitoring of social distancing with person marking and tracking system using YOLO V3 model	Vol:38 No.3, pp:154 – 165, 2022	Scopus	10.1504/IJSNET.2022.121700
42	Ms. Nandhini N.	IEEE Xplore 2022 International Conference on Computer Communication and Informatics (ICCCI)	Fisher Friend: An Intelligent Identity Spreader System Using Request-Response Model	pp:1-4, 2022	Scopus	10.1109/ICCCI 54379.2022.9740954
43	Ms. Jeevitha R.	International Journal of Mechanical Engineering	Insect Pest Classification and Predictions in Different field of Crops using PC-CNN Mode	vol:7 No 1, 2022	Scopus	<a href="https://kalaharijournals.com/resources/321-340/IJME_Vol7.1_322.pdf">https://kalaharijournals.com/resources/321-340/IJME_Vol7.1_322.pdf</a>

44	Ms. Preethi T.	International Journal of Mechanical Engineering	Machine Learning Algorithms for prediction of diseases	vol:7 No 1, 2022	Scopus	<a href="https://kalaharijournals.com/resources/321-340/IJME_Vol7.1_323.pdf">https://kalaharijournals.com/resources/321-340/IJME_Vol7.1_323.pdf</a>
45	Mr. Naveenkumar M.	Lecture Notes on Data Engineering and Communications Technologies	Diabetic Retinopathy Disease Classification Using EfficientNet-B3	Vol :96, pp: 809-821, 2022	Scopus	<a href="https://link.springer.com/chapter/10.1007/978-981-16-7167-8_59">https://link.springer.com/chapter/10.1007/978-981-16-7167-8_59</a>
46	Mr. Rajasekaran T.	IEEE Xplore 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA)	Deep Learning based Real-Time Face Detection and Gender Classification using OpenCV and Inception v3	pp:1-5, 2022	Scopus	10.1109/ICAECA52838.2021.9675635

47	Mr. Sivaramakrishnan R.	IEEE Xplore (2021 5th International Conference on Electronics, Communication and Aerospace Technology (ICECA)	Recent Advancements in Autonomous Emergency Braking: A Survey	pp:1027-1032, 2022	Scopus	10.1109/ICECA52323.2021.9675885
48	Dr. Devipriya A.	Indian journal of Ecology	Efficient Internet of Things Smart Agricultural Crops Growth using Machine Learning with mobile applications	Vol: 48 issue 6 pp:1647-1654 2021	Scopus	<a href="https://sdbindex.com/documents/00000377/0001-31152.pdf">https://sdbindex.com/documents/00000377/0001-31152.pdf</a>
49	Mr. Naveenkumar M.	IEEE 2021 Fifth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)	InceptionResNetV2 for Plant Leaf Disease Classification	pp:1161-1167, 2021	Scopus	10.1109/I-SMAC52330.2021.9641025

50	Mr. Naveenkumar M.	IEEE 2021 Smart Technologies, Communication and Robotics (STCR)	Mutism Guide: A Real- Time Sign Spelling Recognition using Skeleton based Improved Haar Support Vector	pp:1-6, 2021	Scopus	10.1109/STCR 51658.2021.95 88839
51	Mr. Sivaramakrishnan R.	Journal of Physics: Conference series	Hamburger Stand Support System Using Supervised Machine Learning Algorithms	Vol:1979, pp:012029, 2021	Scopus	10.1088/1742- 6596/1979/1/01 2029
52	Mr. Sivaramakrishnan R.	Materials today: Proceedings	Prediction of stopping distance for autonomous emergency braking using stereo camera pedestrian detection	Vol:51, pp:1224- 1228,2021	Scopus	<a href="https://doi.org/10.1016/j.matpr.2021.07.211">https://doi.org/10.1016/j.matpr.2021.07.211</a>
53	Mr. Kamaraj K.	Annals of Romanian Society.C.B.,	A Hybrid SVM-LDA based Heuristic Method for Dimensionality Reduction in Cancer Detection using Genetic Algorithms	Vol: 25, Issue 4, pp:4410- 4419 2021	Scopus	<a href="https://www.analsofrscb.ro/index.php/journal/article/view/2987">https://www.analsofrscb.ro/index.php/journal/article/view/2987</a>

54	Dr. Sivakumar T.	International Journal of Aquatic Science	A Hybrid Bird Swarm-Differential Search Methods, Based On Wsn For Trusted Cluster-Based Energy And Lifetime Aware Routing	Vol:12, Issue 01, pp: 210-225. 2021	WoS	<a href="https://www.journal-aquaticscience.com/article_132879_2a878c28e49dc5c3ec32aa34fe147541.pdf">https://www.journal-aquaticscience.com/article_132879_2a878c28e49dc5c3ec32aa34fe147541.pdf</a>
55	Ms. Kiruthika J.K.	IOP Conf. Series: Materials Science and Engineering	Churn Prediction in Telecom Sector using Deep Neural Network with Flask Application	vol:1166 pp:012060 2021	WoS	<a href="https://iopscience.iop.org/article/10.1088/175-899X/1166/1/012060/pdf">https://iopscience.iop.org/article/10.1088/175-899X/1166/1/012060/pdf</a>