

Publications 2023 ,2024 and 2025

S.No	Publications	Year	Dept.
1	Kalpana V., Mishra D.K., Chanthirasekaran K., Haldorai A., Nath S.S., Saraswat B.K., "On reducing energy cost consumption in heterogeneous cellular networks using optimal time constraint algorithm", Optik, 270,2022, DOI: 10.1016/j.ijleo.2022.170008	2022	CSE
2	Amin J., Sharif M., Haldorai A., Yasmin M., Nayak R.S., "Brain tumor detection and classification using machine learning: a comprehensive survey", Complex and Intelligent Systems, 8, (4),2022, DOI: 10.1007/s40747-021-00563-y	2022	CSE
3	Haldorai A., Ramu A., "An intelligent-based wavelet classifier for accurate prediction of breast cancer", Research Anthology on Medical Informatics in Breast and Cervical Cancer, ,2022, DOI: 10.4018/978-1-6684-7136-4.ch039	2022	CSE
4	Sankaranarayanan R., Umadevi K.S., Bhavani N.P.G., Jos B.M., Haldorai A., Babu D.V., "Cluster-based attacks prevention algorithm for autonomous vehicles using machine learning algorithms", Computers and Electrical Engineering, 101,2022, DOI: 10.1016/j.compeleceng.2022.108088	2022	CSE
5	Mishra D.K., Thomas A., Kuruvilla J., Kalyanasundaram P., Prasad K.R., Haldorai A., "Design of mobile robot navigation controller using neuro-fuzzy logic system", Computers and Electrical Engineering, 101,2022, DOI: 10.1016/j.compeleceng.2022.108044	2022	CSE
6	P R.M., Ponnann S., Shelly S., Hussain M.Z., Ashraf M., Haldorai A., "Autonomous navigation system based on a dynamic access control architecture for the internet of vehicles", Computers and Electrical Engineering, 101,2022, DOI: 10.1016/j.compeleceng.2022.108037	2022	CSE
7	Balamurugan A., Janakiraman S., Deva Priya M., Christy Jeba Malar A., "Hybrid Marine predators optimization and improved particle swarm optimization-based optimal cluster routing in wireless sensor networks (WSNs)", China Communications, 19, (6),2022, DOI: 10.23919/JCC.2022.06.017	2022	CSE

S.No	Publications	Year	Dept.
8	Haldorai A., Ravana S.D., Lu J., Ramu A., "Big Data in Intelligent Information Systems", Mobile Networks and Applications, 27, (3),2022, DOI: 10.1007/s11036-021-01863-w	2022	CSE
9	Raja L., Velmurugan S., Shanthi G., Nirmala S., "Artificial intelligence based learning for wireless application - A survey", AIP Conference Proceedings, 2405,2022, DOI: 10.1063/5.0072711	2022	CSE
10	Anandaraj A., Alphonse P.J.A., "Automatic detection of epileptic seizure disease from EEG signals using a deep learning framework", 2022 IEEE North Karnataka Subsection Flagship International Conference, NKCon 2022, ,2022, DOI: 10.1109/NKCon56289.2022.10126634	2022	CSE
11	Priya V., Keerthika J., Sujithra L.R., "User preference Based Personalized Collaborative Filtering for Large Scale Recommender Systems", 2022 IEEE North Karnataka Subsection Flagship International Conference, NKCon 2022, ,2022, DOI: 10.1109/NKCon56289.2022.10126948	2022	CSE
12	Yuvalatha S., Keerthika J., Prabhavathy S., Banupriya M., Priyadharshini R., "Automated Plant Leaf Classification using Ensemble Transfer Learning in CNN model", 2022 IEEE North Karnataka Subsection Flagship International Conference, NKCon 2022, ,2022, DOI: 10.1109/NKCon56289.2022.10126722	2022	CSE
13	Janani M., Esakki Madura E., Rathna S., Yuvaraj S., Karthik S., Mohan S., "Epilepsy detection method based on magnitude squared coherence and machine learning", 2022 IEEE North Karnataka Subsection Flagship International Conference, NKCon 2022, ,2022, DOI: 10.1109/NKCon56289.2022.10126603	2022	CSE
14	Asha J., Giridhran R., Agalya K., Sathya R., "Traffic Sign Detection using HOG and GLCM with Decision Tree and Random Forest", International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings, ,2022, DOI: 10.1109/ICACRS55517.2022.10029118	2022	CSE

S.No	Publications	Year	Dept.
15	Karthigha M., Padmavathy C., Akshaya V.S., "Blockchain based Healthcare Data Management", International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings, ,2022, DOI: 10.1109/ICACRS55517.2022.10029059	2022	CSE
16	Sathya R., Ananthi S., Rupika R., Santhiya N., Lavanya K., "Average Intensity Sign (AIS) Feature based Offline Signature Verification for Forgery Detection using Machine Learning", Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022, ,2022, DOI: 10.1109/ICAISS55157.2022.10010812	2022	CSE
17	Haldorai A., Karthikeyan K., "An Analysis of Software Defined Networks and Possibilities of Network Attacks", Journal of Machine and Computing, 2, (1),2022, DOI: 10.53759/7669/jmc202202006	2022	CSE
18	Saravanan B., Duraipandian M., Pandiaraj V., "An Effective Possibilistic Fuzzy Clustering Method for Tumor Segmentation in MRI brain Images", 6th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2022 - Proceedings, ,2022, DOI: 10.1109/I-SMAC55078.2022.9987388	2022	CSE
19	Anandaraj A., Alphonse P.J.A., "Modelling a Risk-based Network Model for Epileptic Seizure Prediction using Learning Approaches", 6th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2022 - Proceedings, ,2022, DOI: 10.1109/I-SMAC55078.2022.9987399	2022	CSE
20	Sreemathy J., Prasath N., "Machine Learning based Sales Prediction and Characterization using Consumer Perceptions", 6th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2022 - Proceedings, ,2022, DOI: 10.1109/I-SMAC55078.2022.9987359	2022	CSE
21	Padmavathy C., Akshaya V.S., Menaha R., Pravinth Raja S., "Hybrid Cluster Head Selection Approach for Node Lifetime Enhancement in Wireless Sensor Networks", 6th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2022 - Proceedings, ,2022, DOI: 10.1109/I-SMAC55078.2022.9987316	2022	CSE

S.No	Publications	Year	Dept.
22	Saradha S., Asha J., Sreemathy J., "A Deep Learning-based Framework for Sheep Identification System based on Facial Bio-Metrics Analysis", 6th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2022 - Proceedings, ,2022, DOI: 10.1109/I-SMAC55078.2022.9987431	2022	CSE
23	Ganeshkumar S., Deepika T., Haldorai A., "A Supervised Machine Learning Model for Tool Condition Monitoring in Smart Manufacturing", Defence Science Journal, 72, (5),2022, DOI: 10.14429/dsj.72.17533	2022	CSE
24	Ashwathy Devraj P.V., Mohanraj A., Uike D., Sasireka S., Subha S., Gopala Gupta A.S.A.L.G., "IoT-based Mobile Application for Power Theft Detection", 3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings, ,2022, DOI: 10.1109/ICOSEC54921.2022.9951862	2022	CSE
25	Mythili M., Sathya R., Gayathri N., Yogeshwaran M., Madhanbabu S., "A Novel Framework for Smart Classroom Lecture Attendance Management System (LAMS) using IOT", 3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings, ,2022, DOI: 10.1109/ICOSEC54921.2022.9952053	2022	CSE
26	Anitha C., Devi K.K., Jayasutha D., Gomathi B., Mahaveerakannan R., Kaur C., "Development of Medical Internet of Things with Big Data using RF-BFA and DL in Healthcare System", International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings, ,2022, DOI: 10.1109/ICECAA55415.2022.9936335	2022	CSE
27	Shanthi S., Saradha S., Smitha J.A., Prasath N., Anandakumar H., "An efficient automatic brain tumor classification using optimized hybrid deep neural network", International Journal of Intelligent Networks, 3,2022, DOI: 10.1016/j.ijin.2022.11.003	2022	CSE
28	Haldorai A., Sivaraj J., Nagabushanam M., Kingston Roberts M., "Cognitive Wireless Networks Based Spectrum Sensing Strategies: A Comparative Analysis", Applied Computational Intelligence and Soft Computing, 2022,2022, DOI: 10.1155/2022/6988847	2022	CSE

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29	Haldorai A., Ramu A., Mohanram S., Lu J., "Preface", EAI/Springer Innovations in Communication and Computing, ,2022, DOI:	2022	CSE
30	Shanthi S., Akshaya V.S., Smitha J.A., Bommy M., "Hybrid TABU search with SDS based feature selection for lung cancer prediction", International Journal of Intelligent Networks, 3,2022, DOI: 10.1016/j.ijin.2022.09.002	2022	CSE
31	Vignesh G.D., Ramu A., Raja J.T., Ponmurugan P., Haldorai A., Senthilkumar G., "Sensor data fusion techniques in the construction of generalized VORONOI graph for on-line motion planning in robot navigation", International Journal of System Assurance Engineering and Management, ,2022, DOI: 10.1007/s13198-022-01773-4	2022	CSE
32	Subha R., Haldorai A., "An Efficient Identification of Security Threats in Requirement Engineering Methodology", Computational Intelligence and Neuroscience, 2022,2022, DOI: 10.1155/2022/1872079	2022	CSE
33	Ashok K., Ashraf M., Thimmia Raja J., Hussain M.Z., Singh D.K., Haldorai A., "Collaborative analysis of audio-visual speech synthesis with sensor measurements for regulating human–robot interaction", International Journal of System Assurance Engineering and Management, ,2022, DOI: 10.1007/s13198-022-01709-y	2022	CSE
34	Thamaraimanalan T., Mohankumar M., Anandakumar H., Deepha M., Priya U.H., Priya G.B., Devi M.A., "Machine Learning based Patient Mental Health Prediction using Spectral Clustering and RBFN Algorithms", 8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022, ,2022, DOI: 10.1109/ICACCS54159.2022.9785142	2022	CSE
35	Niranjani V., Sanjaay Kamachi P.S., Siddhaarth S., Venkatachalam B., Vishal N., "Hybrid approach to minimize 51% attack in Cryptocurrencies", 8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022, ,2022, DOI: 10.1109/ICACCS54159.2022.9785161	2022	CSE
36	Keerthivasan E., Raja Vignesh K., Shinthan D., Naveen Kumaar S., Subha R., Suchithra M.S., "A Trusted Blockchain Based Traceability System for Fruits and Vegetable Agricultural Products", 8th International Conference on Advanced Computing and	2022	CSE

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	Communication Systems, ICACCS 2022, ,2022, DOI: 10.1109/ICACCS54159.2022.9784988		
37	Niranjani V., Agalya Y., Charunandhini K., Gayathri K., Gayathri R., "Spam Detection for Social Media Networks Using Machine Learning", 8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022, ,2022, DOI: 10.1109/ICACCS54159.2022.9785149	2022	CSE
38	Yuvaraj S., Franklin J.V., Prakash V.S., Anandaraj A., "An Adaptive Deep Belief Feature Learning Model for Cognitive Emotion Recognition", 8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022, ,2022, DOI: 10.1109/ICACCS54159.2022.9785267	2022	CSE
39	Prasath N., Sreemathy J., Vigneshwaran P., "Driver Drowsiness Detection Using Machine Learning Algorithm", 8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022, ,2022, DOI: 10.1109/ICACCS54159.2022.9785167	2022	CSE
40	Abinaya M., Shanthi S., Subha R., "Early Fault Detection in Solar Panels Using Machine Learning", 8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022, ,2022, DOI: 10.1109/ICACCS54159.2022.9785291	2022	CSE
41	Sujihelen L., Boddu R., Murugaveni S., Arnika M., Haldorai A., Reddy P.C.S., Feng S., Qin J., "Node Replication Attack Detection in Distributed Wireless Sensor Networks", Wireless Communications and Mobile Computing, 2022,2022, DOI: 10.1155/2022/7252791	2022	CSE
42	Hussain M.Z., Ashraf M., Singh D.K., Haldorai A., Mishra D.K., Shanavas T.N., "Intelligent data post and read data system like to feed for IoT sensors", International Journal of System Assurance Engineering and Management, ,2022, DOI: 10.1007/s13198-022-01683-5	2022	CSE

S.No	Publications	Year	Dept.
43	Ayub S., Boddu R., Verma H., Revathi B S., Saraswat B.K., Haldorai A., "Health Index Estimation of Wind Power Plant Using Neurofuzzy Modeling", Computational and Mathematical Methods in Medicine, 2022,2022, DOI: 10.1155/2022/9535254	2022	CSE
44	Sengathir J., Deva Priya M., Christy Jeba Malar A., Sandhya G., "Differential Evolution-Improved Dragonfly Algorithm-Based Optimal Radius Determination Technique for Achieving Enhanced Lifetime in IoT", Lecture Notes in Networks and Systems, 431,2022, DOI: 10.1007/978-981-19-0901-6_53	2022	CSE
45	Jackson B., Saravanakumar R., Balachander B., Haldorai A., Varalakshmi S., Nisha A.S.A., "MODIFIED DESIGN STRUCTURE OF A METAMATERIAL MICROSTRIP PATCH ARRAY ANTENNA FOR RF ENERGY OPTIMIZATION [MODIFICIRANA OBLIKA STRUKTURE META-MATERIALA MPA ANTENE ZA RADIO-FREKVENČNO OPTIMIZACIJO]", Materiali in Tehnologije, 56, (2),2022, DOI: 10.17222/mit.2022.384	2022	CSE
46	Durai K.N., Subha R., Haldorai A., "Hybrid Invasive Weed Improved Grasshopper Optimization Algorithm for Cloud Load Balancing", Intelligent Automation and Soft Computing, 34, (1),2022, DOI: 10.32604/iasc.2022.026020	2022	CSE
47	Narla V.L., Kachhoria R., Arun M., Haldorai A., Vijendra Babu D., Jos B.M., "IoT based energy efficient multipath power control for underwater sensor network", International Journal of System Assurance Engineering and Management, ,2022, DOI: 10.1007/s13198-021-01560-7	2022	CSE
48	Karthigha M., Akshaya V.S., "A XGBOOST BASED ALGORITHM FOR EARLY PREDICTION OF HUMAN SEPSIS", Proceedings - 4th International Conference on Smart Systems and Inventive Technology, ICSSIT 2022, ,2022, DOI: 10.1109/ICSSIT53264.2022.9716564	2022	CSE
49	Anandaraj A., Alphonse P.J.A., "Tree based Ensemble for Enhanced Prediction (TEEP) of epileptic seizures", Intelligent Data Analysis, 26, (1),2022, DOI: 10.3233/IDA-205534	2022	CSE

S.No	Publications	Year	Dept.
50	Sampathkumar S., Rajeswari R., "An Automated Crop and Plant Disease Identification Scheme Using Cognitive Fuzzy C-Means Algorithm", IETE Journal of Research, 68, (5),2022, DOI: 10.1080/03772063.2020.1780163	2022	CSE
51	Haldorai A., Sharif M., Ravana S.D., "Artificial intelligence for sustainable internet research", International Journal of Computers and Applications, 44, (6),2022, DOI: 10.1080/1206212X.2020.1737776	2022	CSE
52	Shanthi S., Rajkumar N., "Non-small-cell lung cancer prediction using radiomic features and machine learning methods", International Journal of Computers and Applications, 44, (12),2022, DOI: 10.1080/1206212X.2019.1693723	2022	CSE

S.No	Publications	Year	Dept.
1	Duraisamy P., Natarajan Y., Kathiresan K., Niranjani V., "IoT enabled smart transportation system", Blockchain Enabled Secure Big Data Computing for Smart Cities Using Internet of Things, ,2023, DOI:	2023	CSE
2	Yuvaraj S., Vijay Franklin J., "A dense layer model for cognitive emotion recognition with feature representation", Journal of Intelligent and Fuzzy Systems, 45, (5),2023, DOI: 10.3233/JIFS-230766	2023	CSE
3	Aravinth K., Ramakrishnan T., "Study on properties of new biodegradable plant fiber (agave decipiens) for polymer reinforcement", Global Nest Journal, 25, (9),2023, DOI: 10.30955/gnj.005219	2023	CSE
4	Nithiyanandam P., Arun A., Sreemathy J., Lakshminarayanan R., "Ethical considerations for wearable sensors and ai algorithms: Fetal heart rate monitoring", Technological Tools for Predicting Pregnancy Complications, ,2023, DOI: 10.4018/979-8-3693-1718-1.ch006	2023	CSE
5	Sreemathy J., Arun A., Aruna M., Vigneshwaran P., "An optimal approach to detect retinal diseases by performing segmentation of retinal blood vessels using image processing", Soft Computing, 27, (15),2023, DOI: 10.1007/s00500-023-08526-w	2023	CSE
6	Anandaraj A., Alphonse P.J.A., "Enhancing Epileptic Seizure Prediction with Machine Learning and EEG Analysis", Journal of Machine and Computing, 3, (3),2023, DOI: 10.53759/7669/jmc202303017	2023	CSE
7	Janakiraman S., Deva Priya M., "A Deep Reinforcement Learning-based DDoS Attack Mitigation Scheme for Securing Big Data in Fog-Assisted Cloud Environment", Wireless Personal Communications, 130, (4),2023, DOI: 10.1007/s11277-023-10407-2	2023	CSE
8	Abinaya M., Priya P.K., Mirza M., Anbumani A., Sathya R., Sethuram M., "Biometric Web based Vote Cast using Blocks", 3rd International Conference on Innovative	2023	CSE

S.No	Publications	Year	Dept.
	Mechanisms for Industry Applications, ICIMIA 2023 - Proceedings, ,2023, DOI: 10.1109/ICIMIA60377.2023.10426174		
9	Praveen Kumar M., Ashwitha Noble P., Esha Malavika V.S., Geethanjali G., Farheen A.S., "A Survey on Wireless Network Traffic Analysis using Machine Learning Algorithms", 3rd International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2023 - Proceedings, ,2023, DOI: 10.1109/ICIMIA60377.2023.10425988	2023	CSE
10	Soujanya A., Cherukuvada S., Murugan V., Ramya S., Agalya K., Gayathri S., "An Efficient Classification of Cassava Leaf Disease using VGG 16", Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023, ,2023, DOI: 10.1109/ICSES60034.2023.10465476	2023	CSE
11	Chimankar A.G., Saranya S., Krishnamoorthy P., Mohanraj A., ul Islam A., Mallireddy N., "Analysis Of Software Defect Prediction Using Machine-Learning Techniques", 2023 3rd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2023, ,2023, DOI: 10.1109/ICACITE57410.2023.10183091	2023	CSE
12	Suryasa I.W., Castillo-Jurado W.C., Reddy M.U., Parthipan V., Yuvaraj S., "Forecasting Web Page Popularity using Artificial Neural Networks", 2023 4th International Conference on Computation, Automation and Knowledge Management, ICCAKM 2023, ,2023, DOI: 10.1109/ICCAKM58659.2023.10478541	2023	CSE
13	Saradha S., Kumar M.P., Asha J., Saranya R., Santhoshkumar S.P., "Air Quality Image Classification using Ensemble Based Transfer Learning Techniques", IET Conference Proceedings, 2023, (22),2023, DOI: 10.1049/icp.2023.2887	2023	CSE
14	Priyanka G., Anandakumar H., "AI Based Innovative Approach on Precision Agriculture Using IoT", IET Conference Proceedings, 2023, (22),2023, DOI: 10.1049/icp.2023.2899	2023	CSE

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15	Govindaraj V., Dhanasekar S., Ahmed L.J., Bruntha P.M., Abinaya M., Naveenkumar R., "Regression Analysis Based Circuit Power Estimation Technique", 2023 International Conference on Evolutionary Algorithms and Soft Computing Techniques, EASCT 2023, ,2023, DOI: 10.1109/EASCT59475.2023.10393157	2023	CSE
16	Mohanaprakash T.A., Saranya S., Abinaya M., Rajheshwari K.C., Elangovan D., Gobinath M., "Revolutionizing COVID-19 Diagnosis with Radiographic Images and Deep Learning: A Paradigm Shift in Healthcare", 2023 International Conference on Next Generation Electronics, NEleX 2023, ,2023, DOI: 10.1109/NEleX59773.2023.10421070	2023	CSE
17	Sathya R., Senthilvadivu S., Ananthi S., Bharathi V.C., Revathy G., "Vision Based Plant Leaf Disease Detection and Recognition Model Using Machine Learning Techniques", 7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings, ,2023, DOI: 10.1109/ICECA58529.2023.10395620	2023	CSE
18	Sathya R., Ythili M.M., Ananthi S., Asitha R., Nikitha Vardhini V., Shivaani M., "Intelligent Video Surveillance System for Real Time Effective Human Action Recognition using Deep Learning Techniques", 2nd International Conference on Automation, Computing and Renewable Systems, ICACRS 2023 - Proceedings, ,2023, DOI: 10.1109/ICACRS58579.2023.10404670	2023	CSE
19	Aruna R., Prabu M., Ananthi S., Bharathi V.C., Sathya R., Suchithra B., "Vision based Cassava Plant Leaf Disease Classification using Machine Learning Techniques", 2nd International Conference on Automation, Computing and Renewable Systems, ICACRS 2023 - Proceedings, ,2023, DOI: 10.1109/ICACRS58579.2023.10404468	2023	CSE
20	Selvakumari Jeya I.J., Praveen Kumar M., Saravanan B., Niranjani V., Muneeswaran V., "Cloud Computing Based Diabetes Classification Using Binary Grey Wolf Optimization", 2023 1st International Conference on Advances in Electrical, Electronics and Computational Intelligence, ICAEECI 2023, ,2023, DOI: 10.1109/ICAEECI58247.2023.10370886	2023	CSE

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21	Ramani U., Ambika A., Siva A.S., Suganyamahalakshmi A., Senthilkumar N., Ranjith G., "Fault Prediction of Induction Motor Usingmachine Learning Algorithms", IEEE International Conference on Electrical, Electronics, Communication and Computers, ELEXCOM 2023, ,2023, DOI: 10.1109/ELEXCOM58812.2023.10370087	2023	CSE
22	Kumar T.V.V.P., Prasanna Lakshmi G.S., Kalaivani S., Kavitha M., Binny S., Sheela A., Ganeshan P., Ifseisi A.A., Aftab S., "Smart Design of Wireless Data Transmission Employing Solar-Powered IOT Devices", Electric Power Components and Systems, ,2023, DOI: 10.1080/15325008.2023.2298272	2023	CSE
23	Kumar M.P., Meena M., Kumar S.P.S., Saravanan B., "A Novel Time Resource Allocation Configuration for Multi-Task Offloading in Mobile Cloud Computing (MCC)", International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings, ,2023, DOI: 10.1109/ICSSAS57918.2023.10331859	2023	CSE
24	Geetha K., Srivani A., Gunasekaran S., Ananthi S., Sangeetha S., "Geospatial Data Exploration Using Machine Learning", Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023, ,2023, DOI: 10.1109/ICOSEC58147.2023.10275920	2023	CSE
25	Kumar S.G., Singh B.K., Kumar R.S., Haldorai A., "Digital Twin Framework for Lathe Tool Condition Monitoring in Machining of Aluminium 5052", Defence Science Journal, 73, (3),2023, DOI: 10.14429/dsj.73.18650	2023	CSE
26	Umamaheswari S., Akshaya V.S., Vijaya D.R., Francis A.M., Rohini R., "A Novel Dual Band Slotted PIFA Antenna for Vehicle to Vehicle And Vehicle to Infrastructure Communication", 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2023, ,2023, DOI: 10.1109/ICAECA56562.2023.10199297	2023	CSE
27	Thilagaraj M., Sivaramkrishnan M., Venkatesan G., Mohanraj A., Siva Ramkumar M., Ramaraj K., "Smart Garbage Monitoring and Vigilant System", 2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings, ,2023, DOI: 10.1109/ICESC57686.2023.10193043	2023	CSE

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28	Sathya R., Bharathi V.C., Ananthi S., Vaidehi K., Sangeetha S., "Intelligent Home Surveillance System using Convolution Neural Network Algorithms", 2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings, ,2023, DOI: 10.1109/ICESC57686.2023.10193402	2023	CSE
29	Gayathiri B., Brindha P., Karthika I., Saranya E., Rajeshkumar G., Rajesh Kanna P., "Machine Learning based Crop Suitability Prediction and Fertiliser Recommendation System", 2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings, ,2023, DOI: 10.1109/ICESC57686.2023.10193542	2023	CSE
30	Vinod D., Syed K., Sampath Kumar S., Babu B.S., Pandey S., Loganathan R.V., "A Deep Learning-based Innovative Approach for Enhancing the Precision of Tool Wear Prediction", Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023, ,2023, DOI: 10.1109/ICCES57224.2023.10192664	2023	CSE
31	Senthilkumar N., Suganyamahalakshmi A., Binisha R., Pravin Kumar M., Durgadevi A., Ranjith G., "A Novel investigation for a prediction of Intellect tumor and Categorization by CNN based on ResU-Net Architecture", Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023, ,2023, DOI: 10.1109/ICCES57224.2023.10192599	2023	CSE
32	Haldorai A., Ravishankar C.V., Mahdi Q.S., Devasudha P., "Application of AI/ML in Network-Slicing-Based Infrastructure of the Next-Generation Wireless Networking Systems", 2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECCT 2023, ,2023, DOI: 10.1109/ICECCT56650.2023.10179649	2023	CSE
33	Duraisamy P., Parvathy K., Niranjani V., Natarajan Y., "Improved Recommender System for Kid's Hobby Prediction using different Machine Learning Techniques", 2023 5th International Conference on Electrical, Computer and Communication Technologies, ICECCT 2023, ,2023, DOI: 10.1109/ICECCT56650.2023.10179757	2023	CSE

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