Department of Computer Science and Engineering

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ACADEMIC YEAR 2022–2023: PUBLICATION LIST

Publications Chronologically Ordered (Newest to Oldest)

1. SCI / SCIE Publications (2022–2023)

S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Month & Year	Impact Factor / Indexing	Online Link
1	Forecasting Carbon Dioxide Emissions of Light-Duty Vehicles with Different Machine Learning Algorithm	Yuvaraj Natarajan, Gitanjali Wadhwa, Buk-gu, K. R. Sri Preethaa,Anand Paul,	Electronics(MDPI)	May 2023	2.9 / Q2	https://www.mdpi.com/2079-9292/12/10/2288/htm
2	An Enhanced Clustering Method for Optimal Energy Utilization and Improved Network Lifetime in IoT Based WSN	K. Gowsic, K. Muthumanickam, A. Arthi , M. Saravanan	AHSWN	May 2023	0.6 / Q4	https://www.oldcitypublishing.com/journals/ahswn-home/ahswn-issue-contents/ahswn-volume-55-number-3-4-2023/21287-2/
3	Enhancement of durability of tall buildings by using deep-learning-based predictions of wind-induced pressure	K.R. Sri Preethaa,N. Yuvaraj, Gitanjali Wadhwa, Song Sujeen,Se-Woon Choi,,Bubryur Kim,	Wind and Structures	April 2023	1.9 / Q3	http://www.techno-press.org/content/?page=article&journal=was&volume=36&num=4&ordernum=2
4	Autonomous Home Gardening System Using IOT	Dr. P Suresh,S Maheshwaran, R Pavithra, N Monisha,	Journal of Survey in Fisheries Sciences	March 2023	0.59 / Q3	https://sifisheriessciences.com/index.php/journal/issue/view/26
5	Automation industry in cyber physical systems based on 4G IoT networks for operation controlling and monitoring management	Dr.K.V.Mahesan, Anupong Wongchoi, C.Thamizselvan, S.Manoj Kumar, P.Vijayakumar, Bharath Sing,	Optik Science Direct	February 2023	1.6 / Q2	https://doi.org/10.1016/j.ijleo.2022.170308
6	Deep Learning and Machine Learning based Air Pollution Prediction Model for Smart Environment Design Planning	Dr.B.Karthikeyan, R.Mohanasundaram, P.Suresh, J.Jagan Babu,	Global NEST Journal	February 2023	1.2 / Q4	https://journal.gnest.org/sites/default/files/Submissions/gnest_04735/gnest_04735_published.pdf
7	Real-Time Face Mask Position Recognition System using YOLO models for Preventing COVID-19 Disease Spread in Public places	Vishnu Kumar Kaliappan , Rajasekaran Thangaraj , Pandiyan P, Mohanasundaram K Anandamurugan S Dugki Min	International Journal of Ad Hoc and Ubiquitous Computing SCIE	January 2023	0.96 / Q3	https://www.inderscienceonline.com/doi/abs/10.1504/IJAHUC.2023.128499?af=R
8	Modeling of internet of things enabled sustainable environment air pollution monitoring system	Ramachandran, A,Gayathri K,Dr.R.H.Aswathy, Zulaikha Beevi S	Global Nest	January 2023	1.2 / Q4	https://journal.gnest.org/publication/gnest_04707

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9	A novel hybrid deep learning model for aspect based sentiment analysis	Mouthami Kuppusamy,Anandamurugan Selvaraj,	Concurrency and Computation Practice and Experience	December 2022	2.7 / Q2	https://onlinelibrary.wiley.com/doi/full/10.1002/cpe.7538
10	A Hybridized Artificial Neural Network for Automated Software Test Oracle	Kamaraj K,B. Lanitha, S. Karthic, P. N. Senthil Prakash,R. Mahaveerakannan,	Computer Systems Science and Engineering Tech Science Press	November 2022	2.6 / Q3	https://www.techscience.com/csse/v45n2/50392
11	Interleaved Honeypot-Framing Model with Secure MAC Policies for Wireless Sensor Networks	Rajasoundaran Soundararajan,Maheswar Rajagopal,Akila Muthuramalingam,Eklas Hossain,Jaime Lloret	Sensors	October 2022	3.4 / Q1	https://pubmed.ncbi.nlm.nih.gov/36298399/
12	Deep Learning Activation Layer-Based Wall QualityRecognition Using Conv2D ResNet exponential Transfer Learning Model	K. R. Sri Preethaa, Yuvaraj Natarajan, Shyamala Devi Munisamy ,Aruna Rajendran,.	Mathematics	October 2022	2.3 / Q2	https://www.researchgate.net/publication/366047293_Deep_Learning_Activation_Layer-Based_Wall_Quality_Recognition_Using_Conv2D_ResNet_Exponential_Transfer_Learning_Model
13	Agriculture monitoring system based on internet of things by deep learning feature fusion with classification	K. SitaKumari,S.L. AbdulHaleemb, G.Shivaprakash,M.Saravanan,B.Arun sundar,Thandava Krishna SaiPandrajuf	Computers and Electrical Engineering	September 2022	4.9 / Q1	https://www.sciencedirect.com/science/article/abs/pii/S0045790622004384
14	Transmitter Half Distribution Angle Optimization in Non-Line of Sight Visible Light Communication	R. Chandra Sekaran,M. Akila,N. Yuvaraj	Journal of Nanoelectronics and Optoelectronics	September 2022	0.60 / Q4	https://www.researchgate.net/publication/361098288_Transmitter_Half_Distribution_Angle_Optimization_in_Non-Line_of_Sight_Visible_Light_Communication
15	Emission reduction and performance enhancement of diesel engine fuelled using palm oil biodiesel and nanoparticle as additive	S. Padmanaba Sundar,P. Vijayabalan,Vishnu Kumar Kaliappan, Ravishankar Sathyamurthy,A. E. Kabeel,K. Kamalakkannan	Environment, Development and Sustainability, Springer	September 2022	4.2 / Q1	https://link.springer.com/article/10.1007/s10668-022-02467-4
16	A Stacked Generalization Model to Enhance Prediction of Earthquake-Induced Soil Liquefaction	K. R. Sri Preethaa,Dr. N. Yuvaraj,Arun Pandian Rathinakumar,Dong-Eun Lee,Young Choi,Young-Jun Park & Chang-Yong Yi,	Sensors	September 2022	3.4 / Q1	https://www.mdpi.com/1424-8220/22/19/7292

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S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Month & Year	Impact Factor / Indexing	Online Link
17	Q learning based pesticide contamination prediction in vegetables and fruits	Kandasamy Sellamuthu, Vishnukumar Kaliappan,	Computer Systems Science and Engineering	August 2022	2.58 / Q3	https://www.techscience.com/csse/v45n1/49311
18	Integrated Privacy Preserving Healthcare System Using Posture-Based Classifier in Cloud	C. Santhosh Kumar,K Vishnu Kumar	Intelligent Automation and Soft Computing Tech Science Press	August 2022	2.3 / Q3	https://www.techscience.com/iasc/v35n3/49381
19	Hybrid Optimized Deep Neural Network with Enhanced Conditional Random Field Based Intrusion Detection on Wireless Sensor Network	S. Karthic,S. Manoj Kumar	Neural Processing Letters	June 2022	2.8 / Q3	https://dl.acm.org/doi/abs/10.1007/s11063-022-10892-9
20	EAD-DNN: Early Alzheimer's disease prediction using deep neural networks	Thangavel, P., Natarajan, Y., Sri Preethaa, K.R.	Biomedical Signal Processing and Control	July 2023	5.1 / Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165023028&doi=10.1016%2fj.bspc.2023.105215&partnerID=40&md5=36a3de8be5d0a6e547f0ab885870630d

2. SCOPUS Publications (2022–2023)

S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Month & Year	Impact Factor / Indexing	Online Link
1	Deep Learning for Brain tumor Diagnosis and Classification: AReview	Narayanan Krishnasamy, Thangaraj Ponnusamy, Rajalakshmi Natarajan.	AES	March 2023	3.8 / Q3	https://pmc.ncbi.nlm.nih.gov/articles/PMC7071415/
2	Green Internet of Things (IoT) with dynamic sleep wake-up approach for constrained things	Nitin B. Raut ,	Measurement: Sensors	February 2023	3.2 / Q2	https://www.sciencedirect.com/science/article/pii/S2665917422002902
3	A deep learning based feed forward ANN to predict K barriers for intrution detection using WSN	S.Muruganandam,Rahul joshi, Dr.P.Suresh, N.Balakrishnan, kakarla Hari Kishore,	Measurements:Sensors	February 2023	3.2 / Q2	https://www.sciencedirect.com/science/article/pii/S2665917422002471
4	A Framework for Comparison of Different CT and MRI Medical Images using Fusion Techniques	K.Narayanan, P.Thangaraj, N.Rajalakshmi,.	Advanced Engineering Science	January 2023	1.5 / Q3	https://advancedengineeringscience.com/article/2023/280.html

S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Month & Year	Impact Factor / Indexing	Online Link
5	Nutrition-rich Food Suggestion for Cancer Patient using CapsNet Deep Neural Network Model	S. Raguvaran,S. Anandamurugan,E. Anitha,V. Rajakumareswaran,	International Journal of Intelligent Systems and Applications in Engineering	December 2022	1.5 / Q4	https://ijisae.org/index.php/IJISAE/article/view/2280
6	A Supervised Machine Learning Based Intrusion Detection Model for Detecting Cyber-Attacks Against Computer System	Santhosh Kumar Chenniappanadar,Sundharamurthy Gnanamurthy, Vinoth Kumar Sakthivelu,Vishnu Kumar Kaliappan	International Journal of Communication Networks and Information Security (IJCNIS)	December 2022	1.1 / Q4	https://www.ijcnis.org/index.php/ijcnis/article/view/5567
7	Improved equilibrium optimization based on Levy flight approach for feature selection	K. Balakrishnan,R. Dhanalakshmi, M. Akila, Bam Bahadur Sinha,	Evolving Systems	September 2022	3.2 / Q2	https://link.springer.com/article/10.1007/s12530-022-09461-1
8	Smart Health System using Stacking Ensemble Classification Algorithm	Sathya D,Primya T, Vinothini S,Priya J,Jagadeesan D,	International Journal on Information Technologies & Security	August 2022	0.93 / Q4	https://search.bvsalud.org/global-literature-on-novel-coronavirus-2019-ncov/resource/en/covidwho-2040963
9	Utilisation of Deep Learning to Exploit Locust Outbreaks in Agricultural Harvesting	N.Krishnamoorthy, Dr.S.Suresh, D.Mohanapriyam, Dr.Arpana Prasad, Dr.R..Krishnamoorthy, Dr.R.Thiagarajan,	NeuroQuantology	August 2022	0.3 / Q4	https://www.bohrium.com/en/paper-details/utilisation-of-deep-learning-to-exploit-locust-outbreaks-in-agricultural-harvesting/121853161155801907 2-2000000
10	Grey wolf based feature reduction for intrusion detection in WSN using LSTM	S. Karthic,S. Manoj Kumar, P. N. Senthil Prakash	International Journal of Information Technology	June 2022	2.3 / Q3	https://link.springer.com/article/10.1007/s41870-022-01015-7
11	Hybrid Marine predators optimization and improved particle swarm optimization-based optimal cluster routing in wireless sensor networks (WSNs)	A. Balamurugan , Sengathir Janakiraman and Maruthakutty Deva Priya and A. Christy Jeba Malar	China Communications	June 2022	2.1 / Q3	https://www.researchgate.net/publication/361622924_Hybrid_Marine_predators_optimization_and_improved_particle_swarm_optimization-based_optimal_cluster_routing_in_wireless_sensor_networks_WSNs

3. Student Publications (2022–2023)

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S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Month & Year	Impact Factor / Indexing	Online Link
1	Data sharing in Cloud-Assisted IoT	T.Primya,Swetha M; V Ramya; S R Taanusri; G Ridhanya.	International Conference on Science Technology Engineering and Management (ICONSTEM)	June 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10142285
2	Identification of DDos attack using Blended Machine Learning Algorithms	Jeevitha R, K Chaitanya ,Madhesh N,Nithyarayanan B,Darshan P	International Conference on Sustainable Computing and Data Communication Systems	June 2023	Scopus	https://ieeexplore.ieee.org/document/10104782
3	Using Machine Learning to Identify Instances of CyberBullying on Social Media	Jeevitha R , K Chaitanya ,Madhesh N,Nithyarayanan B,Darshan P	International Conference on Sustainable Computing and Data Communication Systems	June 2023	Scopus	https://ieeexplore.ieee.org/document/10104720
4	Smart Irrigation System for Coimbatore District	S. Manoj Kumar, E. Keerthivasan, M Praveen, R Kiruba Sanker,	International Conference on Computer Communication and Informatics	June 2023	-	https://ieeexplore.ieee.org/abstract/document/10128412
5	Prediction of Liver Disease Using Statistical Machine Learning Methods	S. Manoj Kumar, Anbu, S.K Abishek, N Jeevanantham, H Ashwin Kumar,	International Conference on Computer Communication and Informatics	June 2023	-	https://ieeexplore.ieee.org/document/10128370
6	IOT- Based SMART Inventory Management System	J.K.Kiruthika, Mr.Manikandan.M, S.Nithya.U, Ms.Preethika.M, Mr.Poorna.S,	International Conference on Computer Communication and Informatics	May 2023	-	https://ieeexplore.ieee.org/document/10128211
7	Crowdsourcing Framework For Agricultural Powered By Ai	S K Geetha,Hariharan, Gokul, B Boopathira M Aneeshkumar,	IEEE xplore	May 2023	-	https://ieeexplore.ieee.org/document/10128195
8	Blockchain Based Crowd Funding	R NaveenKumaran,S K Geetha, Kaushik Selvaraju, C Kishore, A Nagha Rathish,	IEEE xplore	April 2023	-	https://ieeexplore.ieee.org/document/10128334
9	Blockchain based Mechanism for Cloud Security	S K Geetha,R Naveenkumaran Kaushik Selvaraju, C Kishore, A Nagha Rathish	IEEE xplore	April 2023	-	https://ieeexplore.ieee.org/document/10105053
10	Speech Based Emotion Recognition System	Sri Murugaharaj B R,Shakthy B Sabari L , Dr.K.Kamaraj K	International Journal of Engineering Technology and Management Sciences	February 2023	Scopus	**https://doi.org/10.46647/ijetms.2023.v07i01.050**

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S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Month & Year	Impact Factor / Indexing	Online Link
11	An Extensive Survey on Recent Advancements in Human Stress Level Detection Systems	Sivaramakrishnan Rajendar, Sanjay Ranganathan Thavamuthubaskaran Lakshmanan Vasanth Nachimuthu Sriram Paramasivam	6th International Conference on Electronics, Communication and Aerospace Technology	January 2023	Scopus	https://ieeexplore.ieee.org/document/10009334
12	A Comprehensive Comparison of Machine Learning Algorithms for Breast Cancer Prediction	Premkumar Duraisamy, Yuvaraj Natarajan, Ebin N L,Jawahar Raja P,	2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS)	January 2023	Scopus	https://doi.org/10.1109/ICACCS57279.2023.10113046
13	Deep Learning Approach to Offline Signature Forgery Prevention	Prasanna Blessy,K Kathiresan, N Yuvaraj	2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS)	January 2023	Scopus	https://ieeexplore.ieee.org/document/10112906
14	Attendance Automation System with Facial Authorization and Body Temperature Using Cloud Based Viola-Jones Face Recognition Algorithm	R. Devi Priya, P. Kirupa, S. Manoj Kumar & K. Mouthami,	2023 6th International Conference on Electronics, Communication and Aerospace Technology	January 2023	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-27409-1_91
15	Blockchain for Securing Autonomous Vehicles	Sivaramakrishnan Rajendar, Udhayakumar Thangavel, Sarvesh Devendran, Vaishnavi Selvi, Shanmuga Sundaram Muthumanickam,	2023 Second International Conference on Electronics and Renewable Systems (ICEARS)	January 2023	Scopus	https://ieeexplore.ieee.org/document/10085685/authors
16	A Comprehensive and Secure Trustless Blockchain Framework for Autonomous Vehicles	Sivaramakrishnan Rajendar, Udhayakumar Thangavel, Sarvesh Devendran, Vaishnavi Selvi, Shanmuga Sundaram , Muthumanickam,	2023 7th International Conference on Trends in Electronics and Informatics (ICOEI)	January 2023	Scopus	https://ieeexplore.ieee.org/document/10125789/authors
17	Automated Recognition of Wild Animal Species in Camera Trap Images Using Deep Learning Model	Sivaramakrishnan Rajendar Rajasekaran Thangaraj, Sivaramakrishnan Rajendar, Sanjith M, Rithick Saran K, Sudev Sasikumar, Chandhru L,	2023 Third International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT)	January 2023	Scopus	https://ieeexplore.ieee.org/document/1002982816

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18	Earthquake Damage Prediction and Rapid Assessment of Building Damage Using Machine Learning.	Yuvaraj Natarajan , Gitanjali Wadhwa Preethi Akshaya Ranganathan , Karthika Natarajan,	2023 International Conference for Advancement in Technology (ICONAT)	January 2023	Scopus	https://ieeexplore.ieee.org/document/10080586
19	Ensemble based Dimensionality Reduction for Intrusion Detection using Random Forest in Wireless Networks	S.Suhana,S.Karthic ,Dr.N.Yuvaraj	International Conference on Smart Systems and Inventive Technology (ICSSIT)	March 2022	Scopus	https://ieeexplore.ieee.org/document/10060929
20	Deep Learning based DDoS Attack Detection in Emerging Networks	Dr.M.Saravanan , Ms.M.Sushmita	IEEE Explorer 2022 Second International Conference on Interdisciplinary Cyber Physical Systems (ICPS)	January 2022	Scopus	https://ieeexplore.ieee.org/abstract/document/9941242/authors
21	Deep Learning models for potato leaf disease identification: A comparitive analysis	Balasubramaniam vadivel,Rajasekaran Thangaraj P Pandiyan , T Aravind , K Harish	IEEE Explorer 2022 International Conference on Green Energy, Computing and Sustainable Technology, GECOST 2022,	January 2022	Scopus	https://ieeexplore.ieee.org/abstract/document/10010611
22	AGRIMART: An E-Platform for Agro Products with voice based Chat BOT	Priankadevi AM , Dr.P.Suresh Dr.R.H.Aswathy	IEEE Xplore - Second International Conference on Advanced technologies in intelligent control, environment computing and communication engineering	January 2022	Scopus	https://ieeexplore.ieee.org/abstract/document/10047116
23	Evaluation of Core point Descriptors Enforced in the Pedestrian Identification in Lower Quality Images	Dr.R.H.Aswathy, Dinesh Arjun Hari Prasad , Jai Chiddarth	IEEE Xplore - Second International Conference on Advanced technologies in intelligent control, environment computing and communication engineering	January 2022	Scopus	https://ieeexplore.ieee.org/abstract/document/10031732
24	Chest X-Ray based Lung Disease Detection using Convolutional Neural Network	Dr.M.Saravanan , Manoj Kumar , Dilsha Vijay , Gayathri. K and Jenifar. A	CVMLH-2022: Workshop on Computer Vision and Machine Learning for Healthcare,Chennai	January 2022	Scopus	https://ceur-ws.org/Vol-3338/ICCS_CVMLH_03.pdf

S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Month & Year	Impact Factor / Indexing	Online Link
25	Parkinson's Disease and its satge classification and Artificiial Intelligence	M. Uma Rani , Rithikasri R P SakthiPraba V ,Thanush S Rajendhiran S	Second International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE)	January 2022	Scopus	https://ieeexplore.ieee.org/abstract/document/10046891
26	Blockchain based Effective Ledger and Decentralization in Healthcare System	Komal T, Kandasamy S Meenalakshmi S , Mithra Devi R	2022 6th International conference of Electronics, Communication and Aerospace Technology (ICECA)	January 2022	Scopus	https://ieeexplore.ieee.org/abstract/document/10009365/authors
27	Analysis of SARIMA-BiLSTM-BiGRU in Furniture Time Series Forecasting	Mouthami K,N Yuvaraj, Pooja, R.I.	2022 6th International Conference on Electronics, Communication and Aerospace Technology	January 2022	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-27409-1_88

4. Faculty Conference Publications (2022–2023)

S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Month & Year	Impact Factor / Indexing	Online Link
1	An Overview of Different Types of Recommendations Systems - A Survey	Premkumar Duraisamy , S. Yuvaraj, Yuvaraj Natarajan, V. Niranjani,	2023 4th International Conference on Innovative Trends in Information Technology (ICITIIT)	November 2023	-	https://ieeexplore.ieee.org/document/10068631
2	A Deep Learning Based Natural Language processing approach for detecting SQL Injection Attack	Yuvaraj Natarajan, B.Karthikeyan , Gitanjali Wadwa, S.A.Srinivasan , A.S Pathiv Akilesh	International Conference on Intelligent Systems Design and Applications	June 2023	-	https://link.springer.com/chapter/10.1007/978-3-031-35507-3_38
3	Enhanced Road Damage Detection for Smart City Surveillance	Yuvaraj Natarajan, SriPreetha, Gitanjali Wadwa,Lathivathani, Lekshmipriya	International Conference on Intelligent Systems Design and Applications	June 2023	-	https://link.springer.com/chapter/10.1007/978-3-031-35507-3_37

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4	Implementation of a Blockchain Based Attendance Tracking System	Geetha S K , Kanakaprabha, A Devipriya, D Brindha, E Vetrimani,	International conference on computer communication and informatics	May 2023	-	https://ieeexplore.ieee.org/document/10128438
5	A Novel Ensemble Learning ApproachTo Detect Parkinson's Disease	V Prasad, Jeevitha R.	IEEE North Karnataka Subsection Flagship International Conference	May 2023	-	https://ieeexplore.ieee.org/document/10126884
6	Machine Learning based Routing approach and Resource Management in Vehicular Adhoc Networks	Manjunath V. Gudur, Saravanan M,Parthasarathy P , Niranjan L, Mahesh B Neelagar, Sreekantha B,	IEEE Xplore	May 2023	-	https://ieeexplore.ieee.org/abstract/document/10111882/authors
7	Identification of Traffic Signs for the Prevention of Road Accidents Using Convolution Neural Network	T.Primya, G.KanagarajG.Subashini, R.Divakar, B.Vishupriya,	ICIoT: Third International Conference on Internet of Things Communications in Computer and Information Science	March 2023	-	https://link.springer.com/chapter/10.1007/978-3-031-28475-5_4
8	Animal Intrusion Detection using Deep Learning for Agricultural Fields	Aby K. Thomas, P. Poovizhi, M. Saravanan,K. Tharageswari	2023 5th International Conference on Smart Systems and Inventive Technology	March 2023	-	https://ieeexplore.ieee.org/abstract/document/10060984/authors
9	Sentiment Analysis using machine learning algorithm using speech signal	T.Preethi,Ms. R.Deepa, Mr.S.Yuvaraj,Pradnya Patil, Mr.Ilayaraja N,	Second International conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering	February 2023	-	https://ieeexplore.ieee.org/document/10046898
10	Advanced Grape Leaf Disease Detection using Neural Network	Kavithamani V, Renuka Devi K,Pradeep G, Janani M, Balasamy K, Rithani B,	2023 Second International Conference on Electronics and Renewable Systems (ICEARS)	January 2023	-	https://ieeexplore.ieee.org/abstract/document/10085036
11	Sensor Automation for Industrial Applications and Prediction of Energy Level for Home Appliances Using Machine Learning Algorithm	Premkumar Duraisamy, Yuvaraj Natarajan, IJasmine Selvakumari Jeya, V Niranjani.	2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS)	January 2023	-	https://doi.org/10.1109/ICACCS57279.2023.10112766

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12	An Invetsigation on attacks in application layer protocols and ransomeware threats in Internet of things	Parvathy. K, B. Nataraj, Premkumar Duraisamy,	2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS)	January 2023	-	https://doi.org/10.1109/ICACCS57279.2023.10112669
13	Optimized Detection of Continuous Gravitational-Wave Signals using Convolutional Neural Network	Premkumar Duraisamy, Yuvaraj Natarajan, V Niranjani, K Parvathy.	2023 3rd International conference on Artificial Intelligence and Signal Processing (AISP)	January 2023	-	https://ieeexplore.ieee.org/document/10134809?denied=
14	Predicting Disaster Tweets using Enhanced BERT Model	Premkumar Duraisamy, M Duraisamy,M Periyanayaki , Yuvaraj Natarajan ,	2023 7th International Conference on Intelligent Computing and Control Systems (ICICCS)	January 2023	-	https://ieeexplore.ieee.org/document/10142660
15	Hand Sign Recognition Using CNN	M Naveenkumar, S Srithar,G Ramesh Kalyan,E Vetrimani, S. Alagumuthukrishnan	International Conference on Inventive Research in Computing Applications (ICIRCA)	November 2022	-	https://drive.google.com/file/d/1FpJxYQNt6SViTmWJxU5dp2xpUC9A5uRj/view
16	Machine Learning Based Breast Cancer Detection Using Logistic Regression	Sivakumar M,M. Prathyusha,C. Sasikala,A. Anandaraj,Indirani. M,	Second International conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering	September 2022	-	https://ieeexplore.ieee.org/document/10047448
17	Cost-Effective Distributed Booster Load Balancer in Amazon Cloud Environment	S Srithar,G Ramesh Kalyan, S Karthic,M Naveenkumar,	7th International Conference on Communication and Electronics Systems (ICCES)	July 2022	-	https://ieeexplore.ieee.org/abstract/document/9835842
18	Real-Time Handgun detection in surveillance videos based on Depp Learning Approach	Rajasekharan Thangarajan , Pavithra T, Pandiyan P , M.Uma Rani	International Conference on Applied Artificial Intelligence and Computing (ICAAIC)	July 2022	-	https://www.semanticscholar.org/paper/Real-Time-Handgun-Detection-in-Surveillance-Videos-Pavithra-Thangaraj/cd0d87f1369529641bf19459096fa9ab01efce4d

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19	Hybrid AI Model for Arthritis Prediction from Medical Image	Vignesh Janarthanan,S. Pradeep, K. Vidhya, Roslin Dayana K,	2022 3rd International Conference on Smart Electronics and Communication (ICOSEC)	March 2022	-	https://ieeexplore.ieee.org/document/9952029
20	Serverless Blockchain-based AI-Powered Financial Transaction Management System on Cloud	Sri Sathya K B, Nithyasri A,,Amirtha E, Fowjiya S,	2022 Third International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE)	March 2022	-	https://ieeexplore.ieee.org/document/10100227
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