ACADEMIC YEAR 2023–2024: PUBLICATION LIST

1. SCI / SCIE Publications (2023–2024)

S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Volume / Issue / Pages	Month & Year	Impact Factor / Indexing	Online Link
1	Image processing-based protection of privacy data in cloud using NTRU algorithm	Karthika K, Devi Priya R	Signal, Image and Video Processing	Vol.18, No.2,4003–4018	April 2024	2.7 / Q2	https://www.semanticscholar.org/paper/Image-processing-based-protection-of-privacy-data-Karthika-Priya/3d41e408e88566d9d0f1177a048afe2515313b14?utm_source=direct_link
2	Real-time assessment of surface cracks in concrete structures using integrated deep neural networks with autonomous unmanned aerial vehicle	Bubryur Kim, Yuvaraj Natarajan, K.R. Sri Preetha, Sujeen Sang, Sanjeev Mohan	Engineering Applications of Artificial Intelligence	Vol 129	March 2024	7.5 / Q1	https://www.sciencedirect.com/science/article/abs/pii/S0952197623017219?via%3Dihub
3	Haar cascade-based deep learning model to predict in/out bound passenger flow and distance estimation for intelligent transport system	Vishnu Kumar Kaliappan, KS Gautam, M Akila, K Mohanasundaram	Int. J. Heavy Vehicle Systems	31,2	March 2024	1.2 / Q3	https://www.inderscienceonline.com/doi/abs/10.1504/IJHVS.2024.137251?journalCode=ijhvs
4	Efficient IoT -Machine Learning Based Smart Irrigation Using Support Tree Algae Algorithm	P. Suresh, R. H. Aswathy, Veena Divya Krishnappa & P. M. Rajasree	IETE Journal of Research	1–16	March 2024	2.9 / Q2	https://www.tandfonline.com/doi/abs/10.1080/03772063.2024.2319707

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S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Volume / Issue / Pages	Month & Year	Impact Factor / Indexing	Online Link
5	A novel Adaptive Neural Network-Based Laplacian of Gaussian (AnLoG) classification algorithm for detecting diabetic retinopathy with colour retinal fundus images	Manjula Devi Ramasamy, Keerthika Periasamy, Suresh Periasamy, Suresh Muthusamy, Ponarun Ramamoorthi, Gunasekaran Thangavel, Sreejith Sekaran, Kishor Kumar Sadasivuni & Mithra Geetha	Neural Computing and Applications	Volume 36, pages 3513–3524	March 2024	6.0 / Q1	https://dl.acm.org/doi/abs/10.1007/s00521-023-09324-z
6	Augmented weighted K-means grey wolf optimizer: An enhanced metaheuristic algorithm for data clustering problems	Manoharan Premkumar, Garima Sinha, Manjula Devi Ramasamy, Santhoshini Sahu, Chithirala Bala Subramanyam, Ravichandran Sowmya, Laith Abualigah & Bizuwork Derebew	Scientific Reports	14, 5434	March 2024	4.6 / Q1	https://www.nature.com/articles/s41598-024-55619-z
7	Mechanical properties and failure analysis of PLA/Copper composites fabricated by Fused Deposition Modelling	R.V. Kumar, K.R. Kumar, Nisha Soms	Journal of Mining and Metallurgy, Section B: Metallurgy	2024 OnLine-First (00):3-3	February 2024	1.3 / Q3	https://doiserbia.nb.rs/Article.aspx?id=1450-533924 00003K
8	Authorization of Aadhar Data Using Diffie Helman Key with Enhanced Security Concerns	Karthika K, Devi Priya R	Journal of Intelligent & Fuzzy Systems	Online First	February 2024	2.3 / Q3	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs234641
9	An Optimized Routing Scheme in SDN-Based IoT Using the Lion Optimization Algorithm	Jayaprakash, M. Devi Priya R	IETE Journal of Research	Online First	Feb 2024	2.9 / Q2	https://www.tandfonline.com/doi/abs/10.1080/03772063.2024.2305846
10	Automatic multiclass classification of laryngeal cancer using deep convolution neural networks	Ramesh Munirathinam, M Tamilnidhi, Rajasekaran Thangaraj, Sivaraman Eswaran, Gokul Chandrasekaran, Neelam Sanjeev Kumar	Electronics Letters	60	January 2024	0.9 / Q4	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/ell2.13070

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S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Volume / Issue / Pages	Month & Year	Impact Factor / Indexing	Online Link
11	Modelling a naive bais based multi variate content grading system for analysing YouTube tamil post	Dr.G.Srivatsun, S.Thivaharan	Journal of intelligent and fuzzy dystems	45, 6	December 2023	2.3 / Q3	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs222504
12	Automated diagnostic classification of diabetic retinopathy with microvascular structure of fundus images using deep learning method	Sivapriya, G., Manjula Devi, R., Keerthika, P., Praveen, V.	Biomedical Signal Processing and Control	88	Nov 2023	5.1 / Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174696692&doi=10.1016%2fj.bspc.2023.105616&partnerID=40&md5=aa01389589f624e4e793515ef2a0bf3d
13	Intelligent fuzzy edge computing for real-time decision making in IoT-based digital twin environments	Prasath N, Arun A, Saravanan B, Kamaraj K	Journal of Intelligent & Fuzzy Systems	pp. 1-12	Oct 2023	2.3 / Q3	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs233495
14	Convolutional Neural Networks for Automated Diagnosis of Diabetic Retinopathy in Fundus Images	S. Rama Krishna, Naresh Cherukuri, Y. Dileep Kumar, R. Jayakarthik, B. Nagarajan, Allam Balaram, G. Divya Jyothi	Cognitive-Inspired Computational Computing for Intelligent Health Informatics	Vol. 3 No. 4	Oct 2023	5.3 / Q2	https://ojs.istp-press.com/jait/article/view/264
15	A Comprehensive Review on Machine Learning Techniques for Forecasting Wind Flow Pattern	Sri Preethaa, K.R., Muthuramalingam, A., Natarajan, Y., Wadhwa, G., Ali, A.A.Y.	Sustainability (Switzerland)	15,17	September 2023	3.9 / Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170362933&doi=10.3390%2fsu151712914&partnerID=40&md5=3784f0e1359af3caaf33cc944556016a

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16	Novel ANOVA-Statistic-Reduced Deep Fully Connected Neural Network for the Damage Grade Prediction of Post-Earthquake Buildings	Sri Preethaa K R., Akila Muthuramalingam, Yuvaraj Natarajan	Sensors	23, 6439	August 2023	3.1 / Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165984004&doi=10.3390%2fs23146439&partnerID=40&md5=6a2129c9aa04abd357406c262529783a
17	Computer-aided diagnostic model for retinal vascular diseases using graph-based attention mechanism	G. Sivapriya, R. Manjula Devi, P. Keerthika	The Journal of Supercomputing	80, 2862–2888	August 2023	2.7 / Q3	https://link.springer.com/article/10.1007/s11227-023-05581-w
18	Enhanced machine learning approach with orthogonal frequency division multiplexing to avoid congestion in wireless communication system	Alqahtani A.S., Mubarakali A., Saravanan, M., Changalasetty S.B., Thota L.S., Parthasarathy P., Sivakumar B.	Optical and Quantum Electronics	13,1	August 2023	2.5 / Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167458901&doi=10.1007%2fs11082-023-05181-1&partnerID=40&md5=3b911b2f8a5bb2826b85b76ef05c9003
19	A deep convolution neural network model based on feature concatenation approach for classification of tomato leaf disease	Rajasekaran Thangaraj, P Pandiyan, S Anandamurugan, Sivaramakrishnan Rajendar	Multimedia Tools and Applications	1-25	August 2023	3.6 / Q2	https://link.springer.com/article/10.1007/s11042-023-16347-0
20	An integrated network topology and deep learning model for prediction of Alzheimer disease candidate genes	Naveen Sundar Gnanadesigan, Narmadha Dhanasegar, Manjula Devi Ramasamy, Suresh Muthusamy, Om Prava Mishra, Ganesh Kumar Pugalendhi, Suma Christal Mary Sundararajan, Ashokkumar Ravindaran	Soft Computing	27, PP 14189–14203	May 2023	3.7 / Q2	https://link.springer.com/article/10.1007/s00500-023-08390-8

S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Volume / Issue / Pages	Month & Year	Impact Factor / Indexing	Online Link
21	Investigation on mechanical properties of bronze infill PLA composite fabricated by fused deposition modelling	K. Ravi Kumar, K. Sivavel Annamalai, H. Sriram, Nisha Soms	Journal of Mechanical Engineering Science	Volume 238, Issue 19	June 2024	1.8 / Q2	https://journals.sagepub.com/doi/abs/10.1177/09544062241262255
22	Morphological and Contextual Meaning Analysis in Colloquial Tamil Using Yarowsky Influenced Modified Apriori Algorithm	Thivaharan. S, Srivatsun G	International Journal of Intelligent Systems and Applications in Engineering	Vol: 12, Issue: 22, Pg: 1607-1617	June 2024	1.07 / Q4	https://ijisae.org/index.php/IJISAE/article/view/6710

2. SCOPUS Publications (2023–2024)

S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Volume / Issue / Pages	Month & Year	Impact Factor / Indexing	Online Link
1	A Novel Hybrid Feature Selection with Cascaded LSTM: Enhancing Security in IoT Networks	Karthic Sundaram, Anitha Perumalsamy, Ahmed Abdi Yusuf Ali	Wireless Communications and Mobile Computing	2024, 1-15	March 2024	2.0 / Q3	https://www.hindawi.com/journals/wcmc/2024/5522431/
2	Twitter Disaster Prediction Using Different Deep Learning Models	Premkumar Duraisamy, Yuvaraj Natarajan	SN Computer Science	Volume 5, article number 179	Jan 2024	1.3 / Q3	https://link.springer.com/article/10.1007/s42979-023-02520-7
3	ASI (Agriculture Smart Irrigation) Multiparameter Optimization System for Precision Agriculture	Dr.P.Suresh, Srithar S, Johncy G, Aswathy R. H.	International Journal of Intelligent systems and applications in Engineering	VOL. 12 NO. 8S	Dec 2023	1.57 / Q4	https://www.ijisae.org/index.php/IJISAE/article/view/4124
4	MIAS: An IoT based Multiphase Identity Authentication Server for Enabling Secure Communication	Aswathy RH, Srithar S, Roslin Dayana K, Padmavathi, Suresh P	Journal of Internet services and Information security	13(4):114-126	Dec 2023	0.9 / Q4	https://jisis.org/article/2023.l4.008/70900/

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S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Volume / Issue / Pages	Month & Year	Impact Factor / Indexing	Online Link
5	A deep convolution neural network for automated COVID-19 disease detection using chest X-ray images	Rajasekaran Thangaraj, P Pandiyan, Jayabrabu Ramakrishnan, R Nallakumar, Sivaraman Eswaran	Healthcare Analytics	Volume 4, 100278	Dec 2023	6.8 / Q1	https://www.sciencedirect.com/science/article/pii/S2772442523001454
6	A review of plant disease detection and classification methods	Mohan M, Akila M, Prasath B	International Journal of Modelling and Simulation	pp:1.17	Oct 2023	0.8 / Q4	https://www.tandfonline.com/doi/full/10.1080/02286203.2023.2254192
7	Artificial Intelligence Enabled Network Intrusion Detection Model (AI-NIDM) for Smart Grid Cyber-Physical Systems	P Dhanasekaran, V Sakthivel, N Jayashri, MS Hemawathi, Vishnu Kumar Kaliappan	International Journal of Intelligent Systems and Applications in Engineering	Volume 12, No.2s	Oct 2023	1.57 / Q4	https://www.ijisae.org/index.php/IJISAE/article/view/3639
8	Lightweight trust value based Blockchain model for environmental monitoring and reputation in Manet Routing	Logaprakash M, S Manoj Kumar	Journal of Environmental Protection and Ecology	24(5)	September 2023	0.6 / Q4	https://scibulcom.net/en/article/UBomXv8IlcuKsi09akBp
9	Improving Performance of Intrusion Detection Using ALO Selected Features and GRU Network	Karthic S, Suhana S, Yuvaraj N, Sumathi T	SN computer science	Volume No 4	September 2023	1.2 / Q3	https://link.springer.com/article/10.1007/s42979-023-02311-0
10	Cluster-Factors of Mobile Sensor Network Technology for Security Enhanced PEGASIS	T. K. Sivakumar, S.V. Manikanthan, Vishnu Kumar Kaliappan, K. Baskaran, Kakarla Hari Kishore	International Journal of Interactive Mobile Technologies (iJIM)	17,18	September 2023	1.2 / Q4	https://online-journals.org/index.php/i-jim/article/view/42915
11	Security Algorithm for Intelligent Transport System in Cyber-Physical Systems Perceptive: Attacks, Vulnerabilities, and Countermeasures	R. Pavithra, Vishnu kumar Kaliappan, Sivaramakrishnan Rajendar	SN Computer Science	4, 5, 1-12	July 2023	1.2 / Q3	https://link.springer.com/article/10.1007/s42979-023-01897-9

S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Volume / Issue / Pages	Month & Year	Impact Factor / Indexing	Online Link
12	Reinforcement Learning for Enhancing Earthquake Resistance in Concrete Structures Using Artificial Intelligence	SenthamaraiKannan. K, Andal. L, Vishnu kumar Kaliappan, I. Ponraj sankar, T. Lakshmanan	Nanotechnology Perceptions	Vol.20	June 2024	0.11 / Q4	http://nano-ntp.com/index.php/nano/article/view/707

3. Student Publications (2023–2024)

S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Volume / Issue / Pages	Month & Year	Impact Factor / Indexing	Online Link
1	Enhancing COVID-19 Detection with YOLOv5 Object Detection Algorithm in Chest X-ray Images	Premkumar Duraisamy, Arunkumar D, Niranjani V	2024 INOCON	-	May 2024	Scopus	https://ieeexplore.ieee.org/document/10512285
2	Enhanced Skin Cancer Prediction with Analysis Using Machine Learning Algorithms	Premkumar Duraisamy, Dhivakar J, Adhish Sylwesdhan Prabhu F, Ajeshbose J S	2023 ICSCNA	-	January 2024	Scopus	https://ieeexplore.ieee.org/document/10368604/
3	Advanced Machine Learning Techniques for Predicting Health Status in Smoke-Exposed Environments	Premkumar Duraisamy, B Nitheshvaran, S Nalin Kumar, B Irshad	2023 ICACRS	-	January 2024	Scopus	https://ieeexplore.ieee.org/document/10404231
4	Performance Analysis of YOLOv8, RCNN, and SSD Object Detection Models for Precision Poultry Farming Management	Vishnu Kumar Kaliappan, SV Manjusree, Kavyanjali Shanmugasundaram, Lakshana Ravikumar, Gangadhar Baniekal Hiremath	AESPC	-	January 2024	Scopus	https://ieeexplore.ieee.org/abstract/document/10389906/

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S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Volume / Issue / Pages	Month & Year	Impact Factor / Indexing	Online Link
5	Deep learning based on coconut tree leaf disease detection and classification for precision farming	V Yogabalajee, Vishnu Kumar Kaliappan	ICSSS	-	January 2024	Scopus	https://ieeexplore.ieee.org/abstract/document/10407324
6	Chinese cabbage leaf disease prediction and classification using Naive Bayes VGG-19 convolution deep neural network	Vishnu Kumar Kaliappan, K Anuprabha	ICSSS	-	January 2024	Scopus	https://ieeexplore.ieee.org/abstract/document/10407076
7	Transforming Sign Language into Text and Speech through Deep Learning Technologies	Premkumar Duraisamy, A Abinayasrijanani, M Amrit Candida, P Dinesh Babu	Indian Journal Of Science And Technology	16,45, 4177-4185	December 2023	WoS	-
8	Comprehensive review of Transfer Learning	D. Naveenprabhu, R. Naveen, Nithish barathy, M. Naveenkumar	International Conference On Innovations In Robotics, Intelligent Automation And Control	-	December 2023	Scopus	https://pubs.aip.org/aip/acp/article-abstract/2914/1/050028/2929654/Comprehensive-review-of-transfer-learning?redirectedFrom=fulltext
9	A Real-time Drowsiness Tracking Framework Using the Single Shot with Mediapipe	Mouthami K, N. Yuvaraj, M. Navadharani	2023 ICSSS	pp. 1-6	November 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10407102
10	Analysis of employee attrition in Azure Machine Learning	Kiruthika J K, G. Gopika, K. Aswin, C. Adarsh, T. Yawanikha	Advanced Technologies In Chemical, Construction And Mechanical Sciences	-	September 2023	Scopus	https://doi.org/10.1063/5.0144642
11	Exploratory Data Analysis of Walmart Outlets Sales using Data Analytics Techniques	Meaga Varsha Ramasami, Rajasekaran Thangaraj, S Manoj Kumar, Sivaraman Eswaran	2023 ICDATE	-	September 2023	Scopus	https://doi.org/10.1109/ICDATE58146.2023.10248586

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S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Volume / Issue / Pages	Month & Year	Impact Factor / Indexing	Online Link
12	Application of machine learning algorithm in identifying credit card cheating	Kamaraj K	Aip Conference Proceedings	-	Septembe r 2023	Scopus	https://doi.org/10.1063/5.0144225
13	Data Driven Probabilistic Detection of Fake News using Advanced Machine Learning Algorithms	Kamaraj K	Aip Conference Proceedings	-	Septembe r 2023	Scopus	https://doi.org/10.1063/5.0145304
14	Drowsiness detection using CNN model	D. Dinesh	Aip Conference Proceedings	-	Septembe r 2023	Scopus	https://doi.org/10.1063/5.0144096
15	Human Stress Detection on Twitter: A Hybrid Approach using LSTM and Natural Language Processing	Sivaramakrishnan Rajendar, Sanjay Ranganathan, Thavamuthubaskaran Lakshmanan, Vasanth Nachimuthu, Sriram Paramasivam	IEEE Xplore (2023 8th ICCES)	-	August 2023	Scopus	https://ieeexplore.ieee.org/document/10192829
16	User Interface of Blockchain-Based Agri-Food Traceability Applications	Kiruthika J K, Yawanikha T, Kannika A, Rajalakshme R.S., Kalaiyarasu D.	ICSPC 2023 - 4th International Conference on Signal Processing and Communication	pp. 258–261	July 2023	Scopus	https://ieeexplore.ieee.org/document/10125777/authors
17	REFLECT: An GPT Based Android Application for Diary Writing and Emotional Support	Vishnu Kumar Kaliappan, Srikumaran R, Vijay M	Journal of Instrumentation and Automation System	-	July 2023	Scopus	http://ojs.unsysdigital.com/index.php/jias/article/view/1143
18	A Perlustration on the optimistic prognosis of chronic renal failure using Evolutionary Machine Learning and Deep Learning techniques	B Vishnupriya, R Abitha, A S Harshithaa, M Agalya, M Gugapriya	2023 ICCCI	24 May 2023	May 2023	Scopus	https://ieeexplore.ieee.org/document/10128198

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S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Volume / Issue / Pages	Month & Year	Impact Factor / Indexing	Online Link
19	Fake Review Detection and Classification Using Improved Convolutional Neural Network on Amazon Dataset	C.Sasikala, Ramya S, Rajesh kumar S, Ramachandramoorthy K. B, VijayaKumar S, Umapathi K	2023 ICPCSN	pp. 398-403	October 2023	Scopus	https://ieeexplore.ieee.org/abstract/document/10266285
20	Implementation of CNN-LSTM Integration for Advancing Human-Computer Dialogue through Precise Sign Language Gesture Interpretation	Premkumar Duraisamy; Abinaya Srijanani A; M Duraisamy; Amrit Candida M; Dinesh Babu P; Karthi	2024 5th International Conference on Recent Trends in Computer Science and Technology (ICRTCST)	pp. -	July 2024	Scopus	https://ieeexplore.ieee.org/document/10578503
21	Implementation of Enhanced Iris Recognition for Secure Biometric Authentication using Machine Learning	Premkumar Duraisamy; Rupasri K S; Rekha Sri K; Thanishka T S	2024 1st International Conference on Trends in Engineering Systems and Technologies (ICTEST)	pp. -	July 2024	Scopus	https://ieeexplore.ieee.org/document/10576083
22	Music Generation Algorithms: An In-Depth Review of Future Directions and Applications Explored	Premkumar Duraisamy; Naveen V; Kishore G N; Nishal S	2024 IEEE International Conference on Big Data & Machine Learning (ICBDML)	pp. -	July 2024	Scopus	https://ieeexplore.ieee.org/document/10577318
23	Electricity Load Prediction using AI	Geetha, S.K., Kathiresan, K, Kamalavikashini, C.B., Prashitha Shree, A., Kiruthika, J.K.	5th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2024	pp. -	July 2024	Scopus	https://ieeexplore.ieee.org/document/10578353
24	Phishion: Phishing Detection Application	Gokul Rangasamy, Primya T, Gurupriya Kumar, Harinath Sivakumar, Kanagaraj G	2024 ICETITE	pp. -	February 2024	Scopus	https://ieeexplore.ieee.org/abstract/document/10493749

S.No	Title of the Paper	Authors & Affiliation	Journal / Publisher	Volume / Issue / Pages	Month & Year	Impact Factor / Indexing	Online Link
25	Integrated Forest Fire Detection System for Identifying Living Beings Using Drones by Employing Custom Trained YOLOv5 Model	Srinath K, Sri Sathya K. B, Raguvaran S, Vachan Girish K, Vidith K, Sriram V	2024 ICSTEM	pp. -	February 2024	Scopus	https://ieeexplore.ieee.org/document/10560880

4. Faculty Conference Publications (2023–2024)

S.No	Title of the Paper	Authors & Affiliation	Journal / Conference	Volume / Issue / Pages	Month & Year	Online Link
1	Fuzzy mutual Information based hybrid classification algorithm for enhanced heart attack prediction	Rajeshkumar S, Pandiyarajan G, Siva, ShyamSundar, Saravanakumar, Sasidharan	ICSTEM	-	April 2024	https://doi.org/10.1109/ICSTEM61137.2024.10560729
2	Early Detection of Learning Abnormalities in Higher Education Students: A Hybrid Decision-Making Approach	Rajeshkumar S, Pandiyarajan G, Darshan N, Vidhya V, Deepak R, Kishore M	ICSTEM	-	April 2024	https://doi.org/10.1109/ICSTEM61137.2024.10561222
3	Intelligent Irrigation Management: An IoT-Driven Approach with Real-Time Data Integration	P. Kanaga Priya, R.K. Suguna, S. Sujitha, G. Devi	2023 ICSES	-	March 2024	https://ieeexplore.ieee.org/document/10465371
4	Advancing Sustainable IoT Appliance Load Monitoring Through Edge-Enabled Federated Transfer Learning	Yuvaraj N, Gitanjali Wadhwa, Sri Preethaa K R, Karthic Sundaram, Rama Abirami K	2024 GECOST	-	March 2024	https://ieeexplore.ieee.org/document/10474899
5	The Smart Measurement of Quality of Service (QoS) for Cloud Computing Platforms	Deepti, Alok Katkar, T. Primya	PEEIC	-	March 2024	https://ieeexplore.ieee.org/abstract/document/10450415/authors

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S.No	Title of the Paper	Authors & Affiliation	Journal / Conference	Volume / Issue / Pages	Month & Year	Online Link
6	Blockchain Enabled Real Estate Property Transactions using NFT: An Approach	Vivek Rabinson, Barath Singh, Rajeshkumar S	IEEE Proceedings	-	March 2024	https://doi.org/10.1109/RMKMATE59243.2023.10369785
7	Stock Market Prediction Analysis using Machine Learning techniques	Saranya, Mahendhiran P D, Sri Sathya K B	EMMA Conference	-	February 2024	https://pubs.aip.org/aip/acp/article/2742/1/020025/3263596/Stock-market-prediction-analysis-using-machine?searchresult=1
8	Unlocking the Potential: A Review of Digital Twins and Integration with Emerging Technologies	Dinesh Babu. V, Geetha S K	ICERCS	-	February 2024	https://ieeexplore.ieee.org/abstract/document/10434145/authors
9	A Novel Energy Efficient Sensor Data Encryption in Fog Based IoT Networks	M Manicaraja, S Manoj Kumar, B Kiruba	2023 NEleX	-	February 2024	https://doi.org/10.1109/NEleX59773.2023.10421411
10	Smart Healthcare Monitoring System: Integrating IoT, Deep Learning, and XGBoost for Real-time Patient Diagnosis	Kruthika Paulraj, Nisha Soms, S. David Samuel Azariya, Sathya Priya S, Jeba Emilyn J, Vidhushavarshini Sureshkumar	2023 RMKMATE	-	February 2024	https://ieeexplore.ieee.org/document/10431108
11	Stroke prediction using ML and IOT based wearable device	G.Kanagaraj, T.Primya, M.Prabavthy, P.Saranya, V.Senthil Kumar	AIP Conference Proceedings	-	December 2023	https://pubs.aip.org/aip/acp/article/2914/1/050021/2929672/Stroke-prediction-using-ML-and-IOT-based-wearable
12	Feature Selection Graph Neural Network for Optimized Node Categorization	K. R. Sri Preethaa, Gitanjali Wadhwa, Yuvaraj Natarajan, Anand Paul	IEEE Transactions on Consumer Electronics	-	December 2023	https://ieeexplore.ieee.org/abstract/document/10368031
13	EduVigil: Shaping the Future of Education with AI - An Intriguing Case Study	Abhinaya Saravanan, S. David Samuel Azariya, Nisha Soms, Archana Shyam	2023 ICCCNT	-	November 2023	https://ieeexplore.ieee.org/document/10307866

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S.No	Title of the Paper	Authors & Affiliation	Journal / Conference	Volume / Issue / Pages	Month & Year	Online Link
14	An Organized Examination of Image Processing for Detection and Diagnosis of Plant Diseases	Mr. Naveenkumar M, Dr. M. Akila	2023 ICICCS	-	November 2023	https://ieeexplore.ieee.org/abstract/document/10142319
15	An Automated Multi-Level Convolutional Neural Network Approach for Classification of White Blood Cells	M. Sangeetha, Tamizarasu K, R. Manjula Devi, Rex Macedo Arokiaraj, K. Sudha, K. Kavin Kumar	2023 ICCCNT	-	November 2023	https://doi.org/10.1109/ICCCNT56998.2023.10307001
16	Alzheimer disease classification based on multimodel deep convolutional neural network using MRI images	Yuvaraj Natarajan, Preethi Thangavel, A.C.Sumathi	AIP Conf. Proc.	-	September 2023	https://doi.org/10.1063/5.0144082
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