

K.S.RANGASAMY COLLEGE OF TECHNOLOGY

(Autonomous)

Tiruchengode - 637 215. Namakkal Dt. Tamil Nadu

No. of Articles: 321

List of Scopus Indexed Conference Publications

Calendar year: 2025

S.No	Authors	Title	Conference	Vol.	Issue	S. Page	E. Page	Year
1	Prakash R.; Baskar R.; Dineshkumar V.; Maheshwaran M.; Kumar T.D.	Machine Learning-Driven Thermal Analysis for Enhanced Energy Efficiency in Heat Transfer Systems	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
2	Mythili J.; Suganraj T.; Suvetha V.; Thamarai Kannan M.; Polisetty S.M.	Software Defect Prediction System Using Optimized Bi-Directional LSTM	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
3	Abinesh G.; Geethanjali R.; Jayakumar B.S.; Jayamani S.	Trash Removal from Water Surface with Unmanned Boat Using Deep Learning Technique	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
4	Shanmugapriya M.V.; Boopathu J.S.; Praveenkumar B.; Rajasekaran N.; Kayalvizhi N.	Hybrid Task Inverter for Grille Hook Up Irrigation	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
5	Senthilkumar K.; Ranjith S.; Sivasakthi M.; Ramvignesh R.	AI Based Mock Interview System Using Natural Language Processing	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
6	Devarajan M.S.; Arokya Selvamalar G.; Jayanthi K.B.	High-Resolution NO2 Mapping via Satellite Data Downscaling Using Machine Learning and Deep Learning Techniques	Proceedings of the 2025 3rd International Conference on Inventive Computing and Informatics, ICICI 2025			735	741	2025
7	Vijayprabhakar P.; Vigneshwaran M.; Sivaswaminathan S.; Venkatesan S.	Evaluation of sisal banana epoxy reinforced natural composite	Journal of Physics: Conference Series	3045	1			2025
8	Navin Balaji K.; Sivakumar D.	Performance of Sustainable Self-Compacting Concrete with Industry and Agricultural By-Products	IFAC-PapersOnLine	59	8	295	302	2025
9	Venkatesan M.; Karthikeyan A.; Vinoth Kumar J.; Muthuvel S.; Vasudevan D.; Sankar A.	A new hybrid algorithm for solving N jobs and M machines scheduling problems with improved local search techniques	EPJ Web of Conferences	336				2025
10	Pradeep L.; Reyas A.M.; Apsal S.M.; Arthanarieswaran V.P.	Blockchain and AI in Cordia Myxa Fiber Characterization: Driving Efficiency and Economic Sustainability	Proceedings of the 2025 International Conference on Technology Enabled Economic Changes, InTech 2025			1364	1371	2025

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11	Krishnan T.; Anguraj P.; Mani P.; Saravanan S.; Vidya A.	High Performance Reverse Converter Design Using Modified Brent-Kung EAC Adder	2025 International Conference on Recent Advances in Electrical, Electronics, Ubiquitous Communication, and Computational Intelligence, RAEEUCCI 2025						2025
12	Sivaranjhani A.; Pavithra E.; Keerthana E.; Gnanamangai B.M.; Abinayaa K.; Prabha K.; Rajanikanth B.S.	Impact of non-thermal plasma over the germination rate and quercetin level in Coccinia grandis	IOP Conference Series: Earth and Environmental Science	1519	1				2025
13	Hari Prasad S.; Obli Ukesh V.; Vasanthakumar S.	An Intelligent Agricultural Drone	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						2025
14	Suvedha A.; Imranmohamed M.; Sudhipth V.; Tamilarasi M.	AI-Powered Workforce Management for Automated Appraisals and Task Allocation	6th International Conference on Innovative Trends in Information Technology: Secure, Trustworthy and Socially Responsible AI, ICITIIT 2025						2025
15	Devaki M.; Dhanush R.; Elakkiyan S.; Prasanna V.J.	Real-Time Heart Sound Analysis and Abnormality Detection using Deep Learning Algorithms in a Digital Stethoscope	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025			1133	1140		2025
16	Balaji R.; Deepan V.; Faiz S.; Mythili J.; Polisetty S.M.	Hospital Bed Vacancy Detection using Depthwise Separable CNN	International Conference on Advanced Computing Technologies, ICoACT 2025						2025
17	Kaliyaperumal G.; Devanathan C.; Prabakaran S.; Prakash P.; Arivazhagan R.; Suriyaprakash L.	Featuring With Sodium Hydroxide Processed Bast Fiber Made Polypropylene Composite: Behaviour Investigation	AIP Conference Proceedings	3252	1				2025
18	Gunasekar M.; Geetha P.V.; Gowthami K.; Sherin Paul P.; Arun Kumar V.; Shyamalagowri M.	Enhanced Chronic Kidney Disease Forecasting With Ant Bee Colony Optimized BILSTM - Transformer Model	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025			1485	1490		2025
19	Sampath P.S.; Abishek C.; Jaivikas S.; Janarthanan V.; Karthik A.; Bhuvaneshwaran M.; Umachitra G.	Enhancing Mechanical and Thermal Properties of Epoxy Composites Reinforced with Plasma-Treated Sisal and Pineapple Leaf Fibers	Journal of Physics: Conference Series	3045	1				2025

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20	Vignesh S.; Harikarthick T.; Vimal R.; Ronak Suthar B.	AI-Powered Tablet Identification and Information Extraction System Using Image Recognition and Optical Character Recognition	6th IEEE International Conference on Recent Advances in Information Technology, RAIT 2025					2025
21	Karthikeyan K.; Geetha B.G.; Sakthivel K.; Vignesh S.; Hemalatha S.; Meena M.	Exploring Machine Learning Algorithms for Identifying Optimal Features to Predict Childbirth Modes	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
22	Lande J.; Borra S.R.; Abood B.S.Z.; Dineshkumar P.; Geetha K.	Energy Efficient and Trust Based Multi-hop Routing Using Particle Swarm Induced Tunicate Swarm Optimisation Algorithm in Internet of Things Based Wireless Sensor Networks	Lecture Notes in Electrical Engineering	1270		1	12	2025
23	Devi K.G.; Balachandran A.; Logesh B.; Sudha B.; Yogeshwaran K.	Machine Learning based Glaucoma Detection using Electroretinography (ERG) Signals for Early Diagnosis and Monitoring	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025			436	441	2025
24	Muniyan B.; Muthazagan A.; Selvakumar L.K.; Sekar V.K.	Utilizing mini-channel chilling to progress the warm transfer efficacy of the battery's lithium-ion environmental controller	AIP Conference Proceedings	3342	1			2025
25	Kevin T.; Manikandan M.; Mega Sheyam S.; Ramadoss P.	A Multilingual Framework Based on NLP for Disseminating Government Policies via Audio-Visual Content	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025					2025
26	Sugumar U.; Thanishkumar R.; Dharinish A.; Venkatesan T.	An Novel Isolated Multi-level DC-DC Power Converter for Electric Vehicle Applications	Proceedings of 2025 IEEE International Conference on Contemporary Computing and Communications, InC4 2025					2025
27	Gayathri S.; Synthan P.; Vishnu Karthikeyan K.; Gokulnath V.	An AI-Powered Chatbot for Advanced Scan Interpretation of Brain Tumors, Pneumonia, and Lung Cancer	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025

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28	Manimaran P.; Vishwanth V.; Jeeva Bharathi R.; Rakshanaa R.	Video Anomaly Detection in Crime Analysis Using DenseNet-121	2nd International Conference on Electronics, Computing, Communication and Control Technology, ICECCC 2025						2025
29	Tharun Karthick S.; Shanthosh S.; Saran P.; Vijay Sai R.	MindSphere: An AI-Driven Multimodal Framework for Personalized Mental Health Assessment	2025 International Conference on Information, Implementation, and Innovation in Technology, I2ITCON 2025						2025
30	Jagan K.; Jayakumar N.; Jayakumar R.	Thermal Signature Recognition Using Spider Monkey-Inspired Optimization Algorithm	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						2025
31	Balaji K.N.; Sivakumar D.	Performance of Sustainable Self-Compacting Concrete with Industry and Agricultural By-Products	Procedia Structural Integrity	70		295	302		2025
32	Vignesh R.J.; Jagadeesan R.	Axial load response and deformation properties of coconut shell aggregate-based CFST columns	AIP Conference Proceedings	3267	1				2025
33	Sarumathi S.; Ruthravarshan S.; Rahul R.; Ahamed J.J.	An IoT and ML-Based Hardware Model For Antitheft Protection Of Laptops	6th IEEE International Conference on Recent Advances in Information Technology, RAIT 2025						2025
34	Tamilarasi M.; Harish Ragavendar R.; Sasi Kumar M.; Nandhakumar S.	Automation Of Skill Extraction And Feedback Recommender System Using Machine Learning	6th IEEE International Conference on Recent Advances in Information Technology, RAIT 2025						2025
35	Muhibur Rahman S.; SedhuRajan C.; Angu Senthil K.; Arulmozhi S.; Mageshkumar P.	Assessing the Strength, Characteristics of Geopolymer Aggregate using Bottom Ash	IFAC-PapersOnLine	59	8	627	634		2025
36	Madhan V.P.; Naveen Kumar A.; Saran M.; Satheeshkumar R.	Transmission Line Protection and Hybrid Fault Detection Using IOT	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						2025
37	Kirubaharan M.; Haribaskar S.; Gopalakrishnan R.; Chandrakumar E.; Satheeshkumar R.	Speed Control of Six Step Commutation Trapezoidal by Fuzzy Logic Control of BLDC Motor for E-Vehicle	Proceedings - 2025 5th International Conference on Expert Clouds and Applications, ICOECA 2025			407	412		2025

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38	Prasannajayaraman S.K.; Vinoth B.; Vasanth A.; Poovarasam R.	FPGA implementation for processing neural signals acquired from MEAs using approximate computing	AIP Conference Proceedings	3300	1			2025
39	Sandhiya K.; Saranya S.; Insol Rajasekar S.; Jothi S.; Rajan C.	Adaptive AES-Encrypted Image Steganography with Key-Driven Dynamic Pixel Embedding	Proceedings of 6th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2025			1280	1285	2025
40	Udhaya T.; Dhaksan M.; Dhanush Kumar S.	Smart Turbo Current Generator	Proceedings of 6th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2025			1	4	2025
41	Arunvivek G.K.; Bari J.A.; Sarathkumar S.C.; Jeevanandan K.	Experimental Investigation on Utilizing Treated Dyeing Effluent in Utility Blocks	IFAC-PapersOnLine	59	8	635	641	2025
42	Mohanasankari S.; Swathi B.; Yuvasree M.; Giridharan N.	Precision Medicine in Cardiology: ML-based Heart Disease Prediction	Proceedings - 2025 5th International Conference on Expert Clouds and Applications, ICOECA 2025			584	588	2025
43	Raviraj D.; Pandiaraj M.; Mahendran M.; Sadasivam V.R.	Thermoflow Smart WaterBottle with Automated Temperature Regulation and Bluetooth Connectivity	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025			860	866	2025
44	Anbukarasu E.; Kadhivelu G.; Viswanathan H.; Sadasivam V.R.	Naïve Bayes-Based Analysis for Predicting Heart Disease	2025 3rd International Conference on Communication, Security, and Artificial Intelligence, ICCSAI 2025			1295	1299	2025
45	Srinithi B.; Pavadharani K.N.; Sriram V.; Senthilvadivu K.	Hybrid ResNet-YOLOv5 Based Deep Learning Framework for Animal Monitoring in Ecosystem	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
46	Ahamed B.A.; Dhanush T.; Gobi K.M.; Sai R.V.; Geetha B.G.	Enhanced Driver Drowsiness Detection Using Deep Multi-Scale Convolutional Neural Network	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
47	Arunvivek G.K.; Bari J.A.; Sarathkumar S.C.; Jeevanandan K.	Experimental Investigation on Utilizing Treated Dyeing Effluent in Utility Blocks	Procedia Structural Integrity	70		635	641	2025
48	Chithra R.; Ilakkiya G.; Arun P.; Dhanushkumar S.G.	Decentralized and Intelligent Waste Management System Using Blockchain and AI	2nd International Conference on Electronics, Computing, Communication and Control Technology, ICECCC 2025					2025

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49	Vidhya S.; Gopalakrishnan R.	Towards Efficient Mobile Edge Computing: A Comparative assessment of Offloading Techniques	2025 International Conference on Data Science and Business Systems, ICDSBS 2025					2025
50	Divya Dharshini G.; Mohith R.; Sharmila B.; Saraswathy C.	Advanced Deep Learning Approaches for Automated Diagnosis of Cardiac Arrhythmia in Multi-lead ECG Signals	Proceedings of the Open Conference of Electrical, Electronic and Information Sciences, eStream		2025			2025
51	Sharmavel S.; Vignesh U.; Yogesh M.; Thilakraj M.	Speech Activated Virtual Cursor Using NLP	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025					2025
52	Sakthimurugan P.; Savin M.P.; Jayanthi K.B.	Development of Long Range Remote Controlled Robot Using LoRa E5 Mini	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
53	Sedarshini M.; Harini Shree G.; Ragavendhran R.D.; Prabhu P.; Kalpana B.; Balakrishnan R.	Development of Target-Specific gRNAs for CRISPR-Cas9 Mediated Antifungal Resistance in Sweet Pepper	BIO Web of Conferences	172				2025
54	Balachandran A.; Devi K.G.; Poovizhi B.; Pragathish S.; Prasanthkumar M.	Hybrid VLSI Design for AES Cryptography with Pipelined Architecture	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
55	Anuharini N.; Devadharshini C.R.; Sowmiya S.; Pavithra S.	Social Media Cyberbullying Detection Applying Machine Learning	Proceedings of 3rd IEEE International Conference on Knowledge Engineering and Communication Systems, ICKECS 2025					2025
56	Raguvaran K.; Harivigneshraja M.; Priyan M H.; Kalaivani M.	Orbiting Mouse for CAD Tools	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
57	Shanmugapriya P.; Balasubramanie P.; Vidhyaashankar D.; Raja D.S.; Ananthi P.	Semantic Segmentation of Cataract using Deep Convolutional Neural Network	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025					2025

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58	Bari J.A.; Gunasekar S.; Vignesh K.	Improving strength characteristics of self-compacting concrete using ternary cementitious blends: An experimental study	AIP Conference Proceedings	3267	1			2025
59	Muthuraman R.; Muthukumar N.; Srihari R.; Thileepkumar S.; Saranya C.	Efficient VLSI Implementation of Image Processing Processor Acceleration	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025			895	901	2025
60	Rohith G.S.; Sakena Fathima G.A.; Shree Nigil T.; Raguvaran K.	Farm Eye Raspberry PI and YOLO Based Animal Detector	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
61	Chaugule A.K.; Dhanevar S.R.; Gowthamapriya S.; Varshana Devi M.	Novel Feature Engineering Approaches for Predicting Cardiovascular Diseases	Proceedings of the 2025 3rd International Conference on Inventive Computing and Informatics, ICICI 2025			67	74	2025
62	Sakthivel K.; Kavin R.; Logeshwaran V.	Progress in Diagnosis and Disease Prediction: Using Pattern Matching and Linear Regression in Medical Information	Proceedings of 6th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2025			1413	1419	2025
63	Dharani N.; Shriranjani K.; Saranya R.; Raghu R.; Gnanamangai B.M.; Prabha K.; Shanmugam P.	Commercialising potential of protein powder extracted from black soldier fly larvae	IOP Conference Series: Earth and Environmental Science	1519	1			2025
64	Revathi R.; Rajkumar S.	Cutting Edge Multifactor Authentication Implementation for Industrial Operations	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
65	Kaladevi P.; Balamurugan M.; Gokul D.; Gopika S.	Real-Time Traffic Monitoring and Ambulance Prioritization Using YOLOv9 and Deep Learning	2025 3rd International Conference on Communication, Security, and Artificial Intelligence, ICCSAI 2025			2172	2177	2025
66	Thangamariappan P.; Ragavi V.; Vignesh M.S.; Sudeep B.; Polisetty S.M.	Bagged LSTM Framework for Identifying Suspicious Cryptocurrency Activities	International Conference on Advanced Computing Technologies, ICoACT 2025					2025

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67	Krithika S.; Jayachandran T.; Raghapriya N.R.; Ruba M.; Janani C.; Sathiyavathi S.	An Effective Denial of Service Texture Features from Malware Grayscale Image	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
68	Jayamani S.; Nallasivam R.; Ranjith J.M.; Venkatesh N.	IOT-Enabled CNG Tank Monitoring System	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
69	Mohamed Irfan I.; Devika M.; Gokulamuralitharan R.; Dinesh Kumar K.	Intelligent Detection of Fake Social Media Accounts Using Bagged SVM Classifier	2025 International Conference on Computing Technologies and Data Communication, ICCTDC 2025					2025
70	Raguvaran K.; Rajasekaran C.	Software Based Reconfiguration Method for IoT Node Devices	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
71	Ramesh Kumar A.; Prasath K.M.; Mahasrirajahan V.; Elangovan K.; Baskaran M.	IoT-enhanced fabrication of a multi-function machine (A single motor approach to drilling, grinding, and cutting)	AIP Conference Proceedings	3342	1			2025
72	Chithra R.; Sandeep H.; Nivass E.; Selvaprasanth E.	Plant Leaf Disease Detection Using Extended CNN with Parrot Optimizer for Sustainable Farming	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
73	Senthil S.; Natarajan S.K.; Arumugam T.; Mahalakshmi K.	Innovative Approach to Player Behaviour Analysis in Volleyball Videos Using Machine Learning	2025 Global Conference in Emerging Technology, GINOTECH 2025					2025
74	Rajagopal K.; Ayyavoo H.; Selvam A.; Mahalakshmi K.	Utilizing Digital Technology for Accurate Water Footprint Calculation in Agricultural Products	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025					2025
75	Martin james G.; Saravana kumar K.; Sudharsan D.; Gnanasekaran M.	Enhancing Desalination Systems with IoT, Solar Energy, and Advanced Sensor Technologies	E3S Web of Conferences	619				2025
76	Veerajyothi B.; Kumar L.S.; Gupta M.S.; Kannan K.R.; Vijayalakshmi R.; Kumar A.R.	Approximation of an Autonomous Navigation System in UAVs Based on Reinforcement Learning	2025 6th International Conference for Emerging Technology, INCET 2025					2025

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77	Sulthan A.E.; Antony C.G.; Kirubha S.; Nallusamy C.	Optimized Person Re-Identification in Video Surveillance with Machine Learning	Proceedings of 2025 IEEE International Conference on Contemporary Computing and Communications, InC4 2025						2025
78	Om Sri Eswar S.; Kavira R.; Aishwarya K.; Vignesh S.	Automated Cardiac Murmur Classification Using Convolutional Neural Networks and Lynn Filter-Based Signal Enhancement	Proceedings of 2025 IEEE International Conference on Contemporary Computing and Communications, InC4 2025						2025
79	Surya Mouli R.; Jagadeesan R.; Parvathikumar G.; Sahadevan B.	Experimental Investigation of Natural Starch Internal Curing Agents in High-Performance Concrete	IFAC-PapersOnLine	59	8	239	246		2025
80	Rakshana S.; Samidurai N.; Tamilkumar V.; Baranidharan T.; Kumar C.S.	IoT-Driven Smart Irrigation System for Optimizing Water Use in Agriculture	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025			818	823		2025
81	Periyasamy C.; Kumaravel A.; Brindha M.; Prabu R.; Avinesh G.; Surendra K.	Machine Learning-Based Hypertension Risk Stratification Using Logistic Regression and XGBoost	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						2025
82	Rakshitha H.V.; Maheshwar P.; Devi Y.P.; Prabhu P.	In Silico Evaluation of Alpha Mangostin and its Derivatives as a potential Anti-Cancer Agents	BIO Web of Conferences	172					2025
83	Ragupathi V.; Senthil K.A.; Jagadeesan R.; Arulmozhi S.	Performance of Sustainable Concrete Incorporating Bagasse Ash, Foundry Sand, and Steel Fibres	Procedia Structural Integrity	70		548	555		2025
84	Vijayan R.; Magibalan S.; Ashok Kumar R.; Venkatraman J.; Chandramohan V.; Vivek U.	Enhancing Mechanical and Viscoelastic Properties of Natural Fibre Reinforced Polymer Composites with Aluminium Oxide Nano Fillers	EPJ Web of Conferences	336					2025
85	Kaladevi P.; Kumar S.N.; Sargunesh P.; Shainthavi D.	Hierarchical Convolution Neural Network for Deforestation Risk Evaluation	International Conference on Advanced Computing Technologies, ICoACT 2025						2025
86	Loga Priya R.; Murali Narayanan V.; Nithya Shree S.; Vaigunth S.	Using YOLO-based Real-Time College ID Card Recognition to Transform Campus Security	Proceedings of the 7th International Conference on Intelligent Sustainable Systems, ICISS 2025			705	711		2025

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87	Jagatheesan M.; Karthick R.; Yokesh V.G.; Dineshkumar P.; Saravanan K.; Geetha K.	Intelligent Grocery Management System Using IoT for Personalized Shopping and Inventory Management	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
88	Gnanabaskaran A.; Rishiprasath M.; Thamarai Kannan S.; Sanjay H.S.	An Intelligent Framework for Early Detection of Brain Strokes Using VGG16 and SVM	2nd International Conference on Electronics, Computing, Communication and Control Technology, ICECCC 2025					2025
89	Nahul M.; Sharatharjun R.G.; Kumar D.S.; Mohan K.	Friction Stir Welding Dissimilar AA-5083 and AA-6061 Alloys with Fuzzy Logic and Enhanced MLP Predictive Model	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
90	Alagamudhan C.M.; Harish M.; Dharshini J.; Madhavi S.	Deep Learning-Driven Malware Classification and Real-Time Threat Response for Endpoint Protection	2025 Global Conference in Emerging Technology, GINOTECH 2025					2025
91	Saranya S.; Chinniah P.; Tamilarasi A.N.; Parthiban S.; Ramraj B.; Shyamalagowri M.	Enhanced Security in Vehicular Ad-Hoc Networks Using Blockchain, Homomorphic Based Encryption, and Reinforcement Learning Model	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025			1491	1496	2025
92	Menaka A.; Sakthivel K.; Amirthayogam G.; Prabavathi S.; Vijayakumar P.; Vedhashree M.	Hybrid Deep Reinforcement Learning and Federated Convolutional Networks for Energy-Aware Data Transmission in Wireless Sensor Networks	2025 6th International Conference on Data Intelligence and Cognitive Informatics, ICDICI 2025			936	944	2025
93	Jayasree M.; Darpan A.P.; Dhinesh Kumar D.; Gopalakrishnan R.; Indumathi V.; Radhamani R.	A Hybrid Deep Neural Network and Self-Attention Mechanism for Accurate Estimation of Battery SoC and SoH	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
94	Shyamalagowri M.; Mohammdha Hussaini M.; Vijayagowri G.; Savitha D.; Tamilvani P.; Saravanan S.	AI-Assisted Model Predictive Control for Real-Time Operation of Modular Multilevel Converters Under Dynamic Load Conditions	5th IEEE International Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2025					2025
95	Shyamalagowri M.; Sivakumar S.; Rajavenkatesan T.; Padmavathi M.; Kumar K.A.; Hussaini M.M.	Integration of ANN-Based MPPT and SEPIC Converter for Improved Efficiency in Solar-Powered BLDC Motor Drives	2025 International Conference on Computational Innovations and Engineering Sustainability, ICCIES 2025					2025

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96	Banumathi V.S.; Sivakumar S.; Annadurai S.; Jayakumar N.; Jayakumar R.	Optimized Intrusion Detection in Edge Computing Using Random Forest and Nature Inspired Algorithms	Proceedings - International Conference on Next Generation Communication and Information Processing, INCIP 2025			1018	1023	2025
97	Karthicrajan N.; Boomika R.; Vadivel S.	Deep Learning Based Deep-Sea Image Enhancement and Animal Species Classification	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
98	Rukumani Khandhan C.; Gothai E.; Seenivasan D.; Sakthivel K.; Arun G.; Pradeep M.	Prediction of Chronic Obstructive Pulmonary Disease using CNN-GRU model	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025					2025
99	Suthi G.; Kaladevi P.	A Hybrid Temporal-Spatial Deep Learning Model for High-Frequency Stock Market Prediction: A Systematic Review and Meta-Analysis	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
100	Saravanan S.; Devika K.G.; Dheena T.S.; Divyasri P.	Verification of AMBA APB Bus Protocol Using UVM	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
101	Khader S.Z.A.; Ahmed S.S.Z.; Saravanan P.D.; Rajan P.; Ravichandran K.; Chandrasekaran S.; Sivakumar V.	Computational Approach to Target SARS-CoV-2 Proteins Using Bioactives Derived from Nerium indicum	BIO Web of Conferences	172				2025
102	Prakasham V.; Sangeetha M.	Multi-Disease Detection in Chest X-rays using Dual-Branch Vision Transformer with Contrastive Feature Alignment and Uncertainty-Guided Fusion	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025			581	586	2025
103	Premalatha R.; Jayanthi K.B.; Rajasekaran C.; Sureshkumar R.	Optimizing ViT-LoRA: A Memory-Efficient Approach for Fine-Tuning	Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS					2025

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104	Sujetha N.; Rohini K.; Mohan N.; Prabhu P.	Structural And Evolutionary Analysis of Zika Virus NS5 Protein	BIO Web of Conferences	172				2025
105	Thamilselvi S.S.; Kalpana Devi S.; Kamatchi Kannan V.; Sai Thrinath B.V.; Thenmalar K.; Ponmurugan P.	Advanced AI Driven Solution for Precise Water Management in Irrigation Systems	Proceedings of 6th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2025			2205	2210	2025
106	Palanisamy N.; Velliyangiri R.; Veeraraj S.; Palaniyappan D.; Geetha K.	Tenant-Led Ciphertext for Information Flow Control for Enhanced Data Security	2025 International Conference on Computing Technologies and Data Communication, ICCTDC 2025					2025
107	Saravanan C.; Dhanapal S.; Tamilselvan K.; Shyamalagowri M.	Optimized Multi-Rate PI Control for PMSM Torque in HEVs	Proceedings of International Conference on Modern Sustainable Systems, CMSS 2025			25	32	2025
108	Parthasarathi M.A.; Sudharsan V.; Dhanish T.S.; Senthilraja P.	Optimized Flood Detection: Hyperparameter-Tuned CNN-SVM Fusion on SAR Imagery	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
109	Govindaraju V.G.; Govindaraju T.S.; Murugesan S.; Brammadevan A.	Optimization of PV Based EV Fast Charging Station Using MBO Algorithm	5th IEEE International Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2025					2025
110	Gousiga V.K.; Subanu N.; Kishore S.; Nagarobini N.; Poornima S.	Exploring larvicidal activity of Prosopis juliflora seedpods for Mosquito repellent formulations	BIO Web of Conferences	172				2025
111	Dharun T.; Karthika P.; Kiruthika S.; Rajasekaran C.	Voice Activated IoT Application for Device Control and Energy Monitoring	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025			1367	1371	2025
112	Babypriya B.; Shyamalagowri M.; Pradeep R.; Padmapriya J.	Model Predictive Direct Torque Control of PMSM for Dynamic Load Handling in Electric Mobility Systems	2025 International Conference on Next Generation Computing Systems: Intelligent System for Sustainable Development, ICNGCS 2025 - Conference Proceedings					2025
113	Sakthivel K.; Arularasi S.; Gopinath S.; Vinoth M.; Kowsalya G.; Lalitha S.	Deep Learning-Based Approach for Accurate Plant Disease Identification Using Image Analysis	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025

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114	Vijaya Sundravel K.; Vijayaprasanna P.; Mageshkumar P.; Arulmozhi S.	Experimental Investigation on Bacterial Concrete with Zeolite for Structural Health Monitoring Applications	IFAC-PapersOnLine	59	8	485	492	2025
115	Gomathi S.; Shyamalagowri M.; Rajaraman G.; Brindha S.G.	Deep Learning-Based Real-Time Fault Diagnosis and Adaptive Control in Partially Shaded Solar Photovoltaic Systems	2025 International Conference on Next Generation Computing Systems: Intelligent System for Sustainable Development, ICNGCS 2025 - Conference Proceedings					2025
116	Kiruthika K.; Ramyaprabhasri V.R.; Raja V.S.; Kumar E.V.	Accurate Metaphase Chromosome Classification Using Faster R-CNN and Deep LSTM Integration	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
117	Lehaa T.; Dhanasekaran D.; Kumar P.; Murali Prasad A.; Samyuktha P.R.	Smart Poultry Farm: An IoT-based Environmental Monitoring and Control System	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025			1083	1090	2025
118	Megadharshini S.; Mahalakshmi M.; Mounika S.; Sangeetha M.	Hybrid AI Framework for Dyslexia Detection Using MFCC Features, Optimized SVM, and Reinforcement-Based Assistive Learning	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025					2025
119	Yuvaraj M.; Sanjai N.; Praveen R.; Dinesh Kumar K.	Enhanced Chromosome Defect Detection Using Hybrid Swin Transformer and Explainable AI	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
120	Sarumathi S.; Purushothaman H.; Navitha S.; Radhidevi K.	NaviNest-A Virtual Assistant	6th International Conference on Innovative Trends in Information Technology: Secure, Trustworthy and Socially Responsible AI, ICITIIT 2025					2025
121	Meganraj S.; Janani M.; Kalaiyarasan S.; Hemalatha E.	Streamlining Payments For Visually Impaired Persons	2025 4th OPJU International Technology Conference on Smart Computing for Innovation and Advancement in Industry 5.0, OTCON 2025					2025

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122	Venkatesh P.; Mukesh V.; Kumar S.D.; Gowtham G.	Optimizing Legal Service Delivery Using AI-Based Incentives for E-Marketplaces in India	Proceedings of 3rd IEEE International Conference on Knowledge Engineering and Communication Systems, ICKECS 2025						2025
123	Jishnu S.; Ruban B.; Balakrishnan D.; Rajan C.	Balanced-IDS: A Deep Hybrid Model to Overcome Class Imbalance in Network Intrusion Detection	Proceedings of 6th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2025			1808	1813		2025
124	Jayanthi K.B.; Bharath Kumar V.; Guhan R.; Janani A.	Enhancing Fishery Pond Security with Machine Learning Techniques	2025 Global Conference in Emerging Technology, GINOTECH 2025						2025
125	Sanjay M.; Manikandan S.; Kandharaj M.; Mervin M.M.	Impact of Excessive Mobile Phone Usage on Physical Well-Being and Academic Performance among College Students	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						2025
126	Selvaraj J.; Gopinath A.; Kumar K.K.R.; Sangeetha M.	Multimodal Drive Drowsiness Detection Using Deep Learning and Eye-Tracking Technology Should not be Used	Proceedings of 2025 IEEE International Conference on Contemporary Computing and Communications, InC4 2025						2025
127	Palaniyappan G.; Saravanan D.M.; Singaram D.; Keerthana S.	A Healthcare-Oriented Fingerprint System for Blood Group Detection and Donor Matching	2025 Global Conference in Emerging Technology, GINOTECH 2025						2025
128	Balaji J.; Dhanusu G.; Hariprasath T.; Thangamariappan P.	Optimizing Campus Parking and Reducing Congestion Through Machine Learning	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						2025
129	Vignesh S.; Tamilarasi M.; Sathiyapriya N.; Karthikeyan K.; Hemalatha S.; Divya K.	Vision-based Lane Detection System using CNN and Sliding Window Polynomial Fitting for Autonomous Vehicle	Proceedings - 3rd International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2025			233	238		2025
130	Insol Rajasekar S.; Balakrishnan D.; Mohankumar M.; Vaishnavi K.; Suthi G.; Manju M.S.	Detecting Brain Tumor and Alzheimer Disease by Federated Contrastive Pretraining	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICOICI 2025			112	116		2025

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131	Manikandan P.; SasiKumar B.; Shanmugam G.; Babu P.	Seeds Sowing Robot in Agriculture Using IoT	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
132	Gopinath V.; Sangeetha M.	Spatial-Temporal Digital Twin for Crop Disease Prediction: A Hybrid ConvLSTM-Graph Neural Network Approach	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICICI 2025			570	575	2025
133	Ramya S.; Shri Varshini R.; Poojaa Sri R.; Prabhu P.	In-Silico Approaches for Molecular Characterization, Structural Function Prediction and Peptide Toxicity Analysis of the Matrix Protein of Vesicular stomatitis Indiana Virus (VSIV)	BIO Web of Conferences	172				2025
134	Jayanthi K.B.; Indhumathi M.; Karran Prasanth G.; Kavin Kumar G.	Earth Leakage Detection and Earth Resistance Monitoring Using Isolation Tree Model	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
135	Premkumar M.; Ismail A.M.; Naidu D.J.S.; Sirajunisha Z.; Kiruthika K.; Prasanna A.	On doubt algebraic structures of κ - Q -fuzzy normed rings	AIP Conference Proceedings	3191	1			2025
136	Babu P.; Dhayananth M.; Dharshini R.; Karthick P.	Smart Oxygen Level Control & Auto-Valve System	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
137	Mohanapraveen T.; Monish G.; Sathyan R.; Pradeep S.	ReDaUNet: ResNet with Dual Attention-Based U-Net for Random Noise Removal in CT Images	Proceedings of 2025 2nd International Conference on Cognitive Robotics and Intelligent Systems, ICC - ROBINS 2025			249	253	2025
138	Sekar L.; Mohit Karthikeyan S.; Samynathan J.; Pachiappan K.; Iyyanar P.; Rajan C.	Bone Fracture Detection Based on Deep Learning Techniques	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025

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139	Santhanam K.; Raja K.; Naveen M.; Saranbala M.; Naveenkumar M.	Influence of Fibre Weight Fraction on the Mechanical Characteristics of the Caryota Urens Fiber Reinforced Polyester Composite	SAE Technical Papers						2025
140	Cleetus J.L.; Mega Dharshan T.; Sriprasanna T.A.; Murugesan A.	Enhancing the Farmland Rover for Muddy Terrain with IoT	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						2025
141	Thamilselvi S.S.; Aravinth R.; Dhakshna Moorthy M.; Harish M.	Rice Leaf Disease Detection System with IOT-Based Environmental Monitoring	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						2025
142	Dhivya B.; Gowri Manohari R.; Rajavenkatesan T.; Sathya T.; Anitha K.; Deepa K.	Graph Convolutional Federated Learning for Privacy-Preserving Anomaly Detection in Heterogeneous IoT Environments	4th International Conference on Automation, Computing and Renewable Systems, ICACRS 2025 - Proceedings			1321	1328		2025
143	Nithya M.; Harunee R.V.; Yeswandhini S.; Nandhakumar V.; Ajith N.; Chakravarthi V.A.	Extraction and Purification of Scleroprotein Obtained from Spiderweb	BIO Web of Conferences	172					2025
144	Hariharasudhan D.; Sharmila M.; Srihari M.; Prabhu P.; Balakrishnan R.; Sabapathi S.N.	Network Pharmacology and Molecular Docking Analysis of Chrysoeriol for Alzheimer's Disease	BIO Web of Conferences	172					2025
145	Vijaya Gowri G.; Chillakuru P.; Latha B.; Ganesan A.; Srividhya V.; Sujatha K.; Kanya N.; Bhavani N.P.G.; Kavitha N.	Remote Sensing Image Classification Using Transformer-Based Approach for Monitoring Vehicular Traffic	Lecture Notes in Networks and Systems	1381 LNNS		93	101		2025
146	Udhaya T.; Mithelesh S.S.; Mugesh Karthi G.S.	Resume Analytics and Role Suitability Assessment for Employees	Proceedings of 6th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2025			964	969		2025
147	Sathika K.; Priyadarshini M.; Harini B.; Prabhu P.; Balakrishnan R.	Revealing the Potential of Bioactive Peptides from Sheep Milk Casein and Whey: An In-silico Exploration	BIO Web of Conferences	172					2025

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148	Paneesh A.; Pavan K.; Jaividhya S.; Sri Vidhya D.	IoT-Integrated Intelligent Transformer Protection And Monitoring System with Automated Cooling And Multi-Fault Detection using ATmega328p	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025			395	400	2025
149	Dinesh Kumar R.T.; Saravanan K.; Nallusamy C.; Sakthivel K.	Transformative Ai-Driven Tamil Sign Language Recognition and Speech Synthesis Using ViT-CNN	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
150	Nathiya N.; Rajan C.; Geetha K.; Dinesh S.; Aruna S.; Brinda B.M.	An Anomaly—Misuse Hybrid System for Efficient Intrusion Detection in Clustered Wireless Sensor Network Using Neural Network	Communications in Computer and Information Science	2174 CCIS		161	175	2025
151	Mohankumar R.; Gopalakrishnan R.	Twitter Sentiment Analysis using a Hybrid Model of Deep Recurrent Neural Networks with Graph Convolutional Networks	Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025			1199	1204	2025
152	Karthikeyan K.; Narendar P.; Kalaiyarasu M.R.	A Secure and Anonymous Cloud Data Sharing Framework with Attribute-based Proxy Re-Encryption	Proceedings of 6th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2025			1215	1221	2025
153	Murugesan M.; Arunprakash V.; Shankar S.; Mahalakshmi K.	Enhancing Data Security and Efficiency in Federated Learning Through Hybrid AES-RSA Encryption	2025 International Conference on Computing Technologies and Data Communication, ICCTDC 2025					2025
154	Deebika R.; Sangeetha M.	Optimized ResNet-50 Deep Learning Model for Highly Accurate Plant Disease Classification and Detection Efficiency	Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025			47	52	2025
155	Surya Mouli R.; Jagadeesan R.; Parvathikumar G.; Sahadevan B.	Experimental Investigation of Natural Starch Internal Curing Agents in High-Performance Concrete	Procedia Structural Integrity	70		239	246	2025
156	Manikandan G.; Mohankumar K.; Vijaya Gowri G.	UPS Monitoring and Battery Level Management System using LabVIEW	Proceedings of the 6th International Conference on Electronics and Sustainable Communication Systems, ICESC 2025			111	116	2025

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157	Sanjay M.; Dhanabalan K.P.; Nithish A.; Jagadeesh M.	Ergonomic Analysis of Musculoskeletal Activities in Rural Area Women during Water Pot Lifting	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						2025
158	Durga M.; Harish R.; Hindhupriya K.; Vasanth T.T.; Prabhu P.	Comparative analysis of gene expression in Diabetic vs Non-Diabetic Obese individuals	BIO Web of Conferences	172					2025
159	Karthikeyan K.; Sangamithra J.T.; Saranya T.	Smart Cultural Mapping: An Integrated Google Maps API and AI Chatbot Solution for Personalized Heritage Recommendation and Real-Time Preservation Reporting	Proceedings of 6th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2025			1920	1926		2025
160	Murali J.G.; Marimuthu S.; Vignesh P.; Prakash P.; Kaliyannan G.V.; Karthikeyan S.	Influences of silicon carbide particles on tensile performance and hardness behavior of polyethylene composites made via injection mold	AIP Conference Proceedings	3267	1				2025
161	Premkumar M.; Kiruthika K.; Salam A.; Usha P.; Girija Bai H.; Prasanna A.	A Novel Limit on Doubt Q-Fuzzy T-Ideals Under the Normalization of T-Algebra	Lecture Notes in Networks and Systems	1240 LNNS		381	394		2025
162	Bharathraj P.; Kiranraj M.; Praveen K.L.; Dinesh Kumar R.T.	Gesture-based Human-Computer Interaction System	Proceedings of the 7th International Conference on Intelligent Sustainable Systems, ICISS 2025			981	986		2025
163	Saranya C.; Kumar P.; Boomika R.; Harish G.S.	Implementation of a Line Buffer in an Adaptive Gaussian Bilateral Filter	Proceedings of 5th International Conference on Pervasive Computing and Social Networking, ICPCSN 2025			324	329		2025
164	Ihsan M.; Ajil A.M.; Rajan C.; Mohammad D.J.; Hasanain Aldaami T.; Hashim F.	Reliability-based Efficient Deployment with Probabilistic Data Forwarding for UAV Networks	2025 International Conference on Next Generation Computing Systems: Intelligent System for Sustainable Development, ICNGCS 2025 - Conference Proceedings						2025
165	Selvagayathri S.; Sasirekha P.; Pranav M.; Devi M.V.; Rajasekaran C.	Next-Gen Healthcare Security: Quantum-Inspired Blockchain and Digital Twin Synergy	International Conference on Advanced Computing Technologies, ICoACT 2025						2025
166	Muhibur Rahman S.; SedhuRajan C.; Angu Senthil K.; Arulmozhi S.; Mageshkumar P.	Assessing the Strength, Characteristics of Geopolymer Aggregate using Bottom Ash	Procedia Structural Integrity	70		627	634		2025

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167	Vijaya Sundravel K.; Vijayaprasanna P.; Mageshkumar P.; Arulmozhi S.	Experimental Investigation on Bacterial Concrete with Zeolite for Structural Health Monitoring Applications	Procedia Structural Integrity	70	485	492	2025
168	Kumar R.N.; Santhosh Kumar A.; Vadivel S.M.E.	Secure Blockchain Communication via Multi-Authentication Homomorphic Signature	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025				2025
169	Habelalmateen M.I.; Hashim D.J.; Rajan C.; Aljawaheri K.; Alsalamy F.H.; Khalaf I.B.	Optimal Roadside Unit Deployment with Effective Collision Detection for Smart Vehicular Communication	2025 International Conference on Next Generation Computing Systems: Intelligent System for Sustainable Development, ICNGCS 2025 - Conference Proceedings				2025
170	Jayalatsumi U.; Gowri G.V.; Chillakuru P.; Sujatha K.; Bhavani N.P.G.; Kanya N.; Srividhy V.; Ezhilarasan D.	An Efficient Iris Tracking System for Emotion Prediction Using Machine Learning Methods in Education Management System	Lecture Notes in Networks and Systems	1323 LNNS	101	108	2025
171	Govindasamy P.; Shyamalagowri M.; Sabapathi D.; Sampathkumar R.	CNN-based SoC Estimation for EV Batteries Under Dynamic Conditions	Proceedings of International Conference on Modern Sustainable Systems, CMSS 2025		11	17	2025
172	Gomathi S.; Tamilvani P.; Loganathan P.; Shyamalagowri M.	Optimized Bi-Directional Buck-Boost Converter for Hybrid V2G Storage	Proceedings of International Conference on Modern Sustainable Systems, CMSS 2025		18	24	2025
173	Manigokul R.; Navishnu R.; Chandra Kumar E.; Gopalakrishnan R.; Satheeshkumar R.; Lakshmi C.S.	Phase Voltage and Current Analysis of BLDC Motors Drives for Electric Two Wheelers using MATLAB/Simulink	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025		546	551	2025
174	Balan S.G.; Murugan A.S.; Prabhu P.; Kalpana B.	Zanubrutinib and Pterostilbene Intervention in Acute Lymphoblastic Leukemia: An Action Mechanism Unveiled by Network Pharmacology and Machine Learning	BIO Web of Conferences	172			2025
175	Ramesh M.; Anbukaruppusamy S.; Mutha R.; Dineshkumar P.; Praveena H.D.; Anandaram H.	Performance Improvement of Lung Cancer Multiclass Classification on Transformer Convolution Neural Networks using Histopathological Images	2025 6th International Conference for Emerging Technology, INCET 2025				2025

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176	Sundaram E.M.; Santhosh V.; Sundaresan M.; Sakthivel S.	Machine Learning Model for Predicting Tensile Strength of Aluminium Alloy 5083	International Conference on Advanced Computing Technologies, ICoACT 2025						2025
177	Devaki M.; Kowsika S.; Mohanavalli C.; Tamilselvan S.	Optical Fiber-Based Water Leakage Detection in Pipelines with IoT Integration and AWS Dashboard Implementation	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						2025
178	Venkatesan T.; Naveena S.; Aadhis M.; Nandha S.A.	A Smart IoT-Based Framework for Adaptive Drowsiness Detection and Alert Mechanisms for Preventing Fatigue-Induced Accidents	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						2025
179	Saravanan N.; Karthikeyan S.; Marimuthu S.; Murali J.G.; Prasath M.; Gowrishankar A.	Effect of surface treatment on characteristics of bast fiber incorporated polyethylene composite: Behavior study	AIP Conference Proceedings	3267	1				2025
180	Devi K.G.; Abinayaa S.; Bharath M.; Kalaimathi T.	Prediction of Diabetic Retinopathy from ERG Signal	Proceedings of 5th International Conference on Pervasive Computing and Social Networking, ICPCSN 2025			5	10		2025
181	Vijaya Gowri G.; Lavanya N.	Design and Development of a Federated Learning Scheme for EV Charging with Demand Based Priority	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						2025
182	Rajasekaran N.; Dinesh Kumar V.; Rahul T.; Parthasarathy S.	Early Detection of Rotor Faults in Three-Phase Induction Motors Using Predictive Monitoring	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025						2025
183	Anhu Keerthana M.; Ashok P.; Sri Vidhya D.; Gopalakrishnan R.; Mythili Gnanamangai B.; Jaividhya S.	Smart Sustainable Portable Massager with Thermal and Pneumatic Control	Proceedings of International Conference on Sustainable Communication Networks and Application, ICSCN 2025			349	354		2025

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184	Harish S.; Rahul M.P.P.; Kalaiarasi H.; Harini G.S.; Vijayachandar V.S.	Solid-State Battery Materials for Fast-Charging EV Infrastructure	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025			338	343	2025
185	Abarnaa S.; Anumitha B.; Dheetchanaa K.; Geetha B.G.	Adaptive Water Resource Allocation in Smart Agriculture using Time-Varying Bayesian Networks	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
186	Sathishkumar P.; Jeevitha D.; Kersten Reuben B.; Javagar R.	Adaptive Licence Plate Detection Using Hierarchical Attention Based Neural Networks	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
187	Kumaravel T.; Nallusamy C.; Natesan P.; Kalpanadevi G.; Karthick P.; Indra B.	Evaluating Machine Learning Techniques for Identifying Misinformation Online	Proceedings of the 7th International Conference on Intelligent Sustainable Systems, ICISS 2025			778	784	2025
188	Sathishkumar P.; Nikitha S.; Sruthi R.; Vishwa R.R.	Anomaly Detection in Network Security Using Unsupervised Graph Neural Network	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
189	Saraswathy C.; Logesh T.; Mohanapriya R.; Ratish P.S.	Real-Time Coronary Heart Disease Prediction using Various Machine Learning Techniques and Internet of Things	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
190	Subash P.; Sudhanandha Geethan A.B.; Tamilarasan M.; Jeyaprakasam S.	Investigation on Mechanical Properties of AA6061-TiC-ZrO₂Hybrid Composite using Taguchi Approach	Journal of Physics: Conference Series	3045	1			2025
191	Khader S.Z.A.; Ahmed S.S.Z.; Saravanan P.D.; Rajan P.; Muthukumar M.; Sugavaneswaran M.	Computational Screening of Lichen Derived Biopotents as an Antiviral Drug Against Infectious Proteins of SARS CoV-2	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
192	Venkatesan M.; Karthikeyan A.; Vinoth Kumar J.; Muthuvel S.; Vasudevan D.; Sankar A.	Optimization of Machining Operation Sequence Problem using an Integrated Genetic and Simulated Annealing Algorithm	EPJ Web of Conferences	336				2025

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193	Jayaseelan D.; Sakthivel M.; Tharunprasath V.; Vivek U.	Optimizing Mechanical Strength and Wear Resistance of Aluminium 6063 Composites with Zinc and Aluminium Oxide	Proceedings of 6th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2025			1825	1830	2025
194	Nithya M.; Fathima S.S.; Sankar R.; Ajay A.; Kondiba K.V.; Sedhupathi S.	In vitro Production of Atropine from Datura metel	BIO Web of Conferences	172				2025
195	Tamilarasi M.; Gogul J.; Rohith K.	GeoTagHabitat: A Deep Learning and Geospatial Framework for Automated Plant Identification and Ecological Mapping	Proceedings of 6th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2025			2023	2028	2025
196	Aarthy C.; Sathiya S.; Janani C.; Praveen K.; Aravinthan S.; Einiya Selvi E.	Brain Tumor Diagnosis with Convolutional Neural Networks	Proceedings of 3rd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2025			382	387	2025
197	Abishek G.; Gokul Vasana P.; Janarthanan N.; Kumar P.	Path planning using Hybrid Routing Algorithm	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
198	Paulraj K.; Satish N.; Gayathri S.; Meena V.	AI-Powered Big Data Analytics for Personalized Learning in Education	3rd International Conference on Advancements in Smart, Secure and Intelligent Computing, ASSIC 2025					2025
199	Karathi M.; Gnanabaskaran A.; Gunaseelan L.; Karthikeyan S.	Deep Learning Enhanced Neuro Imaging for Early Alzheimer's Risk Assessment	2nd International Conference on Electronics, Computing, Communication and Control Technology, ICECCC 2025					2025
200	Vignesh S.; Dharanish N.; DineshKarthick S.S.	Adaptive Hybrid Learning Architecture for Robust Early Prediction of Chronic Kidney Disease	Proceedings of 6th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2025			1719	1725	2025
201	Marimuthu S.; Ashokkumar R.; Karthick S.; Karthikeyan A.; Karthikeyan S.; Gunasekaran R.	Synthetic fiber featured epoxy composite for light weight application: Performance measures	AIP Conference Proceedings	3267	1			2025

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202	Asif Ahamed M.; Gogulraj B.; Preethi R.; SathiyaPriya N.	Virtual Toll Collection System using YOLOv8 and OCR	Proceedings of 3rd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2025			1244	1251	2025
203	Anbalagan K.; Radhika K.; Ramachandran V.M.; Pradeep S.; Gokulkannan K.; Popuri J.R.	Artificial Intelligence in Healthcare: YOLO-v7 and GRU Integration for Automated Glaucoma Detection	International Conference on Computational Robotics, Testing and Engineering Evaluation, ICCRTEE 2025					2025
204	Kaviarasu K.; Immanuel J.P.; Sanjay R.; Mohan R.	Revolutionizing Crop Health: CNN and XGBoost for Accurate Disease Detection in Smart Agriculture	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
205	Sudharsan Ram C.; Obliraj V.; Vimal Boopathi D.; Balamurugan P.	Design and implementation of 5G microstrip patch antenna for wireless ECG monitoring	2025 6th International Conference for Emerging Technology, INCET 2025					2025
206	Baranidharan T.; Vijay A.S.; Shibiyrasu S.D.; Sonu Kumar G.	Weed Management Using Laser Technique	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
207	Vanitha K.; Jayanthi K.B.	Boosting Agricultural Productivity in India through Machine Learning-Based Yield Predictions	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
208	Suthanthran S.S.; Pavithra S.; Dineshkumar P.; Sellamuthu K.; Vasundrdevi P.; Geetha K.	Improving Efficiency in Machine Learning: A Deep Dive into Optimization, Data Handling, and Hardware Utilization	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025					2025
209	Vairavel K.S.; Vaishak N.; Indharajith G.; Balamurugan R.; Vaishnavi M.	Implementing Feature Extraction and GA based Feature Selection for Fingerprint-Iris and Fingerprint-Face	Proceedings - 4th International Conference on Smart Technologies, Communication and Robotics 2025, STCR 2025					2025
210	Sarumathi S.; Bhavatharany E.; Mathinesan P.; Sanjaiy R.	Data Driven Resume Analyzer for Student Career Optimization	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			595	602	2025

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211	Arumugam A.; Eswaran B.; Ramesh L.; Nallusamy C.	Quantum-Integrated Steganography for Secure Communication using QKD and LSB Techniques	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			977	983	2025
212	Vignesh S.; Praveen Kumar G.; Santhosan R.; Sivachandran S.	Sentinel Shield DNS Filtering Reinvented with Threat Intelligence and AI/ML	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			1640	1644	2025
213	Kannan M.; Madhavan P.M.; Ravibharathi M.; Jaividhya S.; Sri Vidhya D.	Analysis of Synchrophasor Measurements with Artificial Intelligence Techniques	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1656	1659	2025
214	Nirmalkumar R.; Elango A.P.; Kalaiarasan K.; Vijaya Gowri G.	Electric Vehicle with Enhanced Power Reliability and Integrated Charging Technology	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			59	63	2025
215	Hemachandran S.; Rossario Reegan K.; Pavithran B.; Gomathi S.	Investigation and Performance Analysis of Thermo Electric Cooling System for Electric Vehicle	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			77	82	2025
216	Raguvaran K.; Gokul A.; Nithish A.; Arunachalam S.	SmartUnify: The Ultimate Universal Remote for TV and Smart Home Control	Lecture Notes in Networks and Systems	1241		439	449	2025
217	Sivakumar A.; Mohan K.; Elango G.; Jayakumar N.	Secured Challan Filling Automation using OCR Technology and Machine Learning	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			1380	1385	2025
218	Aravinth G.; Gnanaprakash S.; Manikandan M.; Dhivya V.P.	Student Dress Code Monitoring using Machine Learning and Real Time Object Detection	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1951	1957	2025
219	Barath V.; Ms A.; Kamaleshwar V.; Dhivya V.P.M.E.	Vehicle Monitor Using IOT for Memo Book Management	2025 International Conference on Advances in Renewable Energy and Electric Vehicles, AREEV 2025			118	124	2025
220	Baskaran M.; Jeevabarathi S.; Kamalesh B.; Kumar P.	Autoencoder Based Noise Cancellation for Real-Time Audio Enhancement	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			168	173	2025
221	Indhumathi P.; Aarthi K.; Saravanan D.; Yogeshwaran K.	Two-Step Attendance System with RFID and Facial Recognition	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025			109	115	2025

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222	Rajendran D.; Sangeetha M.; Balasubbiramani G.; Sekar K.	Intelli-Helmet for Motorcycles Using Internet Of Things	2025 IEEE 14th International Conference on Communication Systems and Network Technologies, CSNT 2025			1154	1159	2025
223	Kalaivani E.; Nagrajan S.; Thirunavukkarasu T.; Jothibasu L.; Malarkodi K.; Sharmiladevi D.	The Role of Behavioral Finance In Investment Decision-Making Using Machine Learning-Understanding the Psychology Behind Stock Market Trends	2025 International Conference on Automation and Computation, AUTOCOM 2025			69	73	2025
224	Gayathri S.; Devaraj S.; Muthupandi B.; Vishwaraj S.	Healthcare Data Protection and Biometric Access on Cloud Platforms	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			665	671	2025
225	Ayesha Siddhika A.; Balamurugan P.; Logeshwaran C.K.; Subalaxmi T.	Distributed BERT-based Detection Systems for IoT Networks Against Coordinated Bot Attacks	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025			51	55	2025
226	Mukilan T.; Sairam C.M.; Tamilarasan J.; Mohanraj K.C.	Real Time Eavesdropping Attack Detection by Multivariate Correlation Analysis	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			207	211	2025
227	Abdulkadar S.; Dharun S.; Kirthivashan V.; Janani B.	Enhanced Predictive Modeling for Myocardial Infarction Risk Assessment through Multimodal Data Integration	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1634	1639	2025
228	Subitsha R.S.; Vetrivel M.; Shrimaulik N.; Saravanan K.	Natural Language Processing-Driven Learning Platform for Personalized Education	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			174	180	2025
229	Sivaranjani R.S.; Janani C.; Rajasekar S.I.; Thivya V.; Harshini R.P.	SafeNetResponse: Connecting Hearts and Hands in Disaster Relief with Blockchain	Proceedings of SPIE - The International Society for Optical Engineering	13660				2025
230	Manimaran P.; Vignesh R.; Vignesh B.; Thilak G.	Enhanced Prediction of Lung Cancer Stages using SVM and Medical Imaging	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1334	1338	2025
231	Dhakshinamoorthy J.; Viswanathan V.V.; Annadurai Y.; Dhivya V.P.	Parking Reservation and Smart Allocation using IoT	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			427	434	2025

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232	Shanmugapriya P.; Balasubramanie P.; Dhivyaa C.R.; Senthil Raja D.; Dhivya P.	Stress Prediction of Working Employees in Different Environments using Machine Learning Techniques	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			1409	1414	2025
233	Hari Prasad S.; Mudhayakumar; Karthick Sridhar S.; Tsurayaprakash	Determining the Condition of the Batteries in Electric Vehicles and Calculating Rural Driving Range Applications using Machine Learning	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025			25	30	2025
234	Venkatesh P.; Rupak S.; Robert K.E.; Shakeel Ahamed E.	Optimizing Market Interventions a Data-Driven Approach to Price Stabilization	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			1014	1019	2025
235	Sasikumar M.; Indumathi V.; Gopalakrishnan R.; Sudhakar P.S.; Sridharnish S.; Sitheshwaran V.	Implementation of Deep Learning Algorithm to Estimate the State of Charge (SOC) of Lithium Ion Battery	3rd IEEE International Conference on Device Intelligence, Computing and Communication Technologies, DICCT 2025			496	501	2025
236	Bhuvanesh K.; Chandru S.; Hariharan S.; Poorna Kumar D.	AI-IoT Solution for Railway Train Collision Prevention on Identical Tracks and Animal Detection	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025			1041	1046	2025
237	Vanitha K.; Priyanka G.; Vijayakumar N.; Vikram K.	IoT-Enhanced Disease Prediction: A Machine Learning Approach to Climate-Health Interactions	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025			929	935	2025
238	Kausalya S.; Gowtham C.T.; Dhanam Baalaajee S.P.; Kishore M.	Fire Extinguishing Robot using IoT	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025			1370	1373	2025
239	Praveen Kumar V.R.; Pugazhenthii M.; Sayee Krishnan C.M.; Gopinath R.	Adaptive MobileNet Framework for Human Signature Recognition	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
240	Sujith S.; Dharsan S.; Ramakrishnan N.; Rajavenkatesan T.	IoT Enhanced Dual Battery Pack Management System: Ensuring Safety and Continuous Power in Electric Vehicles	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			330	335	2025

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241	Senthil Kumar K.; Priyanka P.; Ranjith L.	AI Powered Smart Recognition of Plant Diseases with Vernacular Language Support	ESIC 2025 - 5th International Conference on Emerging Systems and Intelligent Computing, Proceedings			801	806	2025
242	Janani B.; Praveen A.; Kumar B.S.; Tamilmani J.R.	A Deep Learning-Driven Landslide Detection System Using Optimized AlexNet	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025					2025
243	Sarumathi S.; Gowthaman R.L.; Sabareesh M.B.; Sultana A.	AI-Enhanced HR Interview Simulation for Realistic Candidate Assessment	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025			1089	1095	2025
244	Sudharshan S.C.; Tamilselvan S.; Prabhu R.P.; Kumar R.A.	Adaptive Network Intrusion Detection Using Fine-Tuned Random Forest with PCA	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
245	Murugaiyan B.; Senthilkumar B.; Ravi J.; Thilakraj M.	Hands-Free Smart Glass for the Visually Impaired with Real-Time Obstacle Detection and Traffic Light Recognition	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings			715	721	2025
246	Kavin R.; Lingesh N.; Mohammed Sath A.; Sadasivam V.R.	Algorithms for Machine Learning to Predict Childbirth Modes	2025 IEEE 14th International Conference on Communication Systems and Network Technologies, CSNT 2025			47	52	2025
247	Dharun S.; Bhuvaneshwaran P.S.; Dineshkumar R.; Kaviarasu K.	Deep Learning-Driven Brain Tumor Segmentation from MRI Scans	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1982	1986	2025
248	Ariesh G.K.; Hariharan T.; Kavin S.; Thamarai Selvi S.B.	Deep Learning and Fuzzy Integration for Lung Disease Detection using VGG16	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025					2025
249	Giridharan N.; Yashwin G.M.; Logeshwaran B.; Bharaniraja R.	Enhancing Medical IOT data using Blockchain	2025 International Conference on Emerging Smart Computing and Informatics, ESCI 2025					2025

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250	Malarkhodi S.; Kuralamudhan S.; Nitheeshkumar B.; JaiSurya M.	Generating Authentic Lunar Landscapes: A Deep Learning Approach for Realistic Artificial Moonscapes	Lecture Notes in Networks and Systems	1241		427	437	2025
251	Vignesh S.; Shree Sharmitha Devi K.B.; Libisena P.S.	AI-Powered Students' Collaboration and Evaluator using LDA	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			1791	1796	2025
252	Arunkumar R.; Dharani C.V.; Kavisri N.S.; Dhanusha K.A.	Enhanced Wildfire Detection in Forest Areas via OPENCV with Deep Convolutional Neural Networks for Smoke and Flame Segmentation	2025 International Conference on Emerging Smart Computing and Informatics, ESCI 2025					2025
253	Mohanraj S.; Krishna R.R.; Adams M.S.; Nallusamy C.	Machine Learning for Mental Health Prediction From Social Media Activity	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			1141	1145	2025
254	Naveen A.P.; Monisha M.C.; Shanmugapriyan T.; Geetha B.G.	Smart Transportation Revolution: Adaptive Monitoring with Squeeze and Excitation Networks	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
255	Akash G.; Gopinath S.; Mohamed Zachariah S.M.; Mithuna S.	Personalized Recommendations System for Mental Health Support using NLP	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1055	1062	2025
256	Ramya M.R.; Amithesh Sharavan M.S.; Asfiya Taj M.S.; Kaviyarsan M.D.	Smart Air and Water Quality Monitoring for Industrial Emissions using IoT and Machine Learning	2nd International Conference on Machine Learning and Autonomous Systems, ICMLAS 2025 - Proceedings			53	60	2025
257	Rusmitha J.; Sri Hari Nivas S.; Srihari G.; Rajasekaran C.	Deep Learning and Computer Vision based Smart Intercom Device for the Deaf and Mute People	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			1227	1232	2025
258	Threshika V.S.; Naiba Sree P.; Pravin P.R.; Madhavi S.	A Deep Learning Framework for the Classification of Indian Heritage Using Curated Datasets and CNN Models	Proceedings - 3rd International Conference on Advancement in Computation and Computer Technologies, InCACCT 2025			951	954	2025
259	Baskar R.; Narasimma R.; Srinivasa Rao M.; Sanjay N.; Pendyala S.K.	Optimizing IoT Service Placement in Fog Computing Environments Using Deep Q Networks	International Conference on Advanced Computing Technologies, ICoACT 2025					2025

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260	Bharanishree K.; Dinesh K.; Jayashri M.; Mugilan D.	Automated Poultry Farming using Internet of Things and Machine Learning	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			492	496	2025
261	Abishek K.S.; Deepak D.; Babu R.D.; Keerthana S.	An IoT-based Smart Waste Disposal and Credibin Rewards System for Sustainable Campus Waste Management	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			674	679	2025
262	Udhaya T.; Joseph Donal D.; Dhanush R.; Jithender S.	Enhancing Home Security with Deep Learning-Based Smart Monitoring Using CNN and ResNet-50 for Danger Identification	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			1008	1013	2025
263	Kanishka R.; Saravanan V.; Dinesh S.; Rajasekaran N.	IoT based Fish Farming Management	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCIoT 2025			705	710	2025
264	Gayathri S.; Chandar A.R.S.; Rithicagash J.; Guna A.	Integrating Fuzzy Approach in Text Mining and Summarization	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			98	102	2025
265	Kishore S.; Jagathratchagan T.; Hari Sankar V.; Srinivasan S.	IoT Based Seat Adjustable Health Monitoring Wheelchair System by Utilizing Piezoelectric Crystal and Solar Energy	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			366	372	2025
266	Navavarshini N.; Abishek M.; Siddiq M.A.; Thangadurai A.	IoT-Enabled Smart Agriculture System for Disease Detection	2nd International Conference on Machine Learning and Autonomous Systems, ICMLAS 2025 - Proceedings			1765	1769	2025
267	Karthik R.; Maha Vishnu S.; Saran R.; Shashidharan S.	Artificial Intelligence for Automated Support in Educational Systems	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			996	1001	2025
268	Mohanraj E.; Kirubashini V.; Gobika B.; Archana A.M.	Dynamic Color Identification Using Computer Vision: OpenCV with Pandas	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings			745	750	2025

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269	Tholkappiyan B.; Kaviarasan R.; Parthasarathy T.R.; Dhanapal M.; Gopalakrishnan R.	Improving Power Factor using Deep Learning Algorithms	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1252	1256	2025
270	Indumathi V.; Gopalakrishnan R.; Vijayakumar C.; Pavithran A.; Kamalesh M.; Balaji M.	A Hybrid Method for Improving SOC Prediction in Lithium-Ion Batteries by Combining EDNN with WOA	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			339	345	2025
271	Ajithkumar A.; Kamalesh J.K.; Saran R.; Balamurugan R.	Power Factor Correction in BL-CSC Converter Fed BLDC Motor Drives using Advanced Control Techniques	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			205	209	2025
272	Srimathi D.; Subha J.J.; Thirugnanasambanthan S.; Thamilselvi S.S.	Ripeness Detection of Dragon Fruit with Temperature Factors using IoT and LSTM	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025			936	942	2025
273	Udhaya T.; Moulitharan M.; Arockia Jegan S.; Akash M.	Liver Disease Prediction Using Novel Ensemble Techniques with Catboost and LightGBM	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			1388	1393	2025
274	Aravind Kumar M.K.; Karthick M.; Kishore S.; Poovarasana R.	Innovative VLSI Design for High- Energy Efficiency Approximate Reverse Carry Save Adders	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			624	629	2025
275	Pavithra; Mummoorthy A.; Yuvaraj M.; Dinesh Kumar K.	Multicenter Trial: VR-AI Therapy for Neurodevelopment in Children with Mental Disorders	Lecture Notes in Networks and Systems	1221		415	423	2025
276	Sivasankaran M.; Mano T.; Suganeshwaran S.; Karthik P.	A Comprehensive Approach to Power Management in Hybrid Electric Vehicle	2025 International Conference on Emerging Smart Computing and Informatics, ESCI 2025					2025
277	Rajkumar S.; Gopalakrishnan R.; Janarthanan V.S.; Raagul V.K.; Suman M.	Multi-Granularity Evolutionary Clustering Algorithm for Energy Efficiency in Industrial IoT	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025					2025
278	Saravanan S.; Poornima R.; Samyuktha V.; Sandeep P.	Hardware Intrusion Detection Using FPGA	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			650	656	2025

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279	Priyadharshini S.; Ramachandran S.; Roshini Priya A.; Sathiyapriya N.	Music Recommendation System based on Facial Emotion Analysis	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025			1419	1425	2025
280	Balaji K.; Ganesh M.S.; Murali D.; Pachiappan K.; Iyyanar P.; Jayakumar N.	Improvising Early Detection of Diabetes through Deep Learning on Retinal Fundus images	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1092	1098	2025
281	Risman J.; Kesavan M.; Karuppusamy S.; Jayakumar N.; Jayakumar R.	Revolutionizing Alumni Platforms Using Scalable AI and Advanced Hybrid Recommendation Algorithms for Personalized Engagement	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings			682	687	2025
282	Pavithran S.; Praveenraj R.; Vishnupriyan M.K.; Arulmurugan S.	Guiding Autonomous Vehicles in Challenging Weather Using Machine Learning Techniques	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			1169	1173	2025
283	Hariharan T.; Kanishkar P.; Mohammed Roshan S.; Poongodi K.	Cyberbullying Detection and Prevention for Women's Safety on Social Media	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			972	976	2025
284	Hariharasuthan M.; Mohanraj S.; Shamridha K.; Madhavi S.	Bran AI: An Integrated Approach to Heart Attack Risk Prediction Using Retinal Fundus Image	2025 International Conference on Computing and Communication Technologies, ICCCT 2025					2025
285	Baskar R.; Mohanraj E.; Jaisurya K.; Janani S.; Kesavan M.	Human Evolutionary Optimization Algorithm for Optimal IoT Task Placement in Hybrid Cloud-Fog Networks	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025					2025
286	Srinivasan D.K.; Dibakaran K.; Praveen R.K.; Sripriya S.	Unmasking Fakes: A Machine Learning and Blockchain Solution	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			938	943	2025
287	Ragavan T.S.; Soundar S.; Sowmiya P.; Malarkhodi S.	IoT System for Nutrient Balancing and Toxicity Prevention in Crop Growth	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			558	563	2025
288	Jairam V.; Keerthana B.; Johnson M.; Senthil Raja P.	IoT - Enabled Safety and Tracking Platform	2025 International Conference on Computing and Communication Technologies, ICCCT 2025					2025
289	Sakthivel S.; Selvakumar R.; Srinithi E.; Poornakumar D.	Efficient VLSI Architecture for Image Processing Using Distributed Arithmetic Method: A Memory-Optimized Approach	Lecture Notes in Networks and Systems	1241		405	413	2025

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290	Sakthivel K.; Kowsalya A.; Durgadevi M.; Dhaneswar R.C.	Hybrid Deep Learning for Proactive Driver Risk Prediction and Safety Enhancement	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			1572	1577	2025
291	Priya L.R.; Sri Roshan R.K.; Vidharsana G.S.; Saravanan N.P.	AI-Enhanced Eye Tracking for Candidate Assessment in Job Interviews	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			810	815	2025
292	Saravanan D.; Muthuraj M.; Rangasamy P.; Raja S.; Tamizharasan D.	AI-Powered Real-Time Math Equation Editor with Multi-Modal Input for Enhanced Interaction	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1130	1137	2025
293	Visva V.; Thennarasu S.; Babu P.	Revolutionizing Road Safety: Wireless TPMS Innovations for Enhanced Vehicle Security and Efficiency	Lecture Notes in Networks and Systems	1241		347	355	2025
294	Monish S.; Sathis B.; Sanjay S.; Dinesh Kumar R.T.	Secure Multi-Receiver Communication and SM2 Based Encryption Scheme	Proceedings of 8th International Conference on Trends in Electronics and Informatics, ICOEI 2025			483	487	2025
295	Yogasathiyar S.; Vinoth M.; Kishore S.; Aravindan P.	IoT - Enabled Intelligent Power Monitoring and Control for Grid-Integrated Solar Power in Domestic Load	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			286	289	2025
296	Karthik R.; Dhanush B.; Jivitesh Kanna S.; Hari Rama Chandran A.	Predictive Health Analysis Using ML for Proactive Risk Detection	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			1177	1181	2025
297	Dinesh S.; Logesh S.; Adthiya V.; Balamurugan P.	Fabrication and Early Prediction of ECG Signals Using Machine Learning for Cardiovascular Diseases	Lecture Notes in Networks and Systems	1241		357	366	2025
298	Nakulraj V.; Soundariya N.; Hariprakash V.; Sri Vidhya D.; Mythili Gnanamangai B.; Jaividhya S.	Automated Knee Massager with Oil Infusion	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings			401	405	2025
299	Gopinathan M.; Easwaran N.; Raja P.; Poonkuzhali R.	Model Checking for Security Assurance in Cyber-Physical Systems	ESIC 2025 - 5th International Conference on Emerging Systems and Intelligent Computing, Proceedings			837	842	2025

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List of Scopus Indexed Conference Publications

Calendar year: 2025

300	Sakthivel K.; Ashwin J.; Poongodi K.; Oviya S.	Image Analysis for Historical Knowledge Discovery and Preservation	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			895	900	2025
301	Riduvarshini M.; Dharshin S.; Dharani B.; Senthil S.S.R.	Solar Powered RFID Token Operated Mobile Charging System	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			72	76	2025
302	Praveenkumar S.; Nitin Shreyes V.; Jayanthi K.B.; Rajasekaran C.; Premalatha R.; Sureshkumar R.	High Performance Optimal Transfer Learning Architecture for Classification of Radiation Induced Lung Injury in Breast Cancer Patients	Lecture Notes in Computer Science	15615 LNCS		210	223	2025
303	Veeraprasanth A.; Sriramnath K.; Suresh P.; Elango M.K.	AI-Driven IoT System for Water Quality Assessment and Leakage Prevention	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings			476	481	2025
304	Mohanraj M.; Praveen Kumar S.; Ranjith Kumar R.; Vimal Raj M.	Harnessing Naive Bayes for Accurate Classification of Sleep Disorders: A Data-Driven Approach	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			731	735	2025
305	Navaneethakannan B.; Gokul C.; Swathi R.; Mohanraj K.C.	Phishing Detection and Response System with XGBOOST Machine Learning	2025 International Conference on Emerging Smart Computing and Informatics, ESCI 2025					2025
306	Karthikeyan K.; Manoj M.; Jagadeesh M.; Sasikumar R.	An Innovative Approach to Early Detection of Non-Communicable Diseases Through Machine Learning	Proceedings of the International Conference on Intelligent Computing and Control Systems, ICICCS 2025			677	683	2025
307	Kiruthika K.	A Review of Challenges in Deep Learning-Based Stock Market Prediction	Lecture Notes in Networks and Systems	1421 LNNS		443	450	2025
308	Kumar P.V.; Jayanthi R.; Sivaranjani S.; Pradeep S.	Clustering Technique Based on ARSH-FATI for Data Transmission in WSN-IoT Healthcare System	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			346	354	2025
309	Nikil Aadithyan A.; Niranjana M.; Rockgowtham N.; Poongodi K.	Loan Prediction Analysis Using Innumerable Machine Learning Algorithms	IEEE International Conference on "Computational, Communication and Information Technology", ICCCI 2025			382	387	2025

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310	Mohan G.; Komala G.; Manikannan K.; Baghel P.; Kaliappan S.; Natrayan L.	Heart Disease Detection in Cloud Platforms: A Privacy-Driven Approach using Exponential Distribution Optimized Hopfield Networks and Blockchain Security	Proceedings of 8th International Conference on Inventive Computation Technologies, ICICT 2025			1084	1089	2025
311	Subramani V.; Vishnu Kumar S.; Rishikanth S.R.; Poonkuzhali R.	Smart Tunnel Traffic Control System using IoT and Machine Learning	Proceedings of International Conference on Visual Analytics and Data Visualization, ICVADV 2025			345	351	2025
312	Rajkumar S.; Gopalakrishnan R.; Shreeraksha T.S.; Dhanaraj S.; Kabiashwanth V.	Sampling-Based Density Peaks Clustering for Energy-Aware Industrial IoT Networks	2025 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2025					2025
313	Mahesh Kumar S.; Elangovan R.; Goutham K.R.; Jayamani S.	AI-Powered Face Sketching for Criminal Identification	Lecture Notes in Networks and Systems	1241		415	425	2025
314	Abisheckraj M.; Sripriya S.; Chittesh S.P.; Kamalesh M.; Nadish D.	CRITIQUESHIELD: Fake Review Detection	Proceedings of the International Conference on Multi-Agent Systems for Collaborative Intelligence, ICMSCI 2025			919	924	2025
315	Subramani N.; Sivasankar S.; Saravanan K.; Sakthivel K.	CNN Approach for Live Speech Emotion Detection	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1329	1333	2025
316	Karthikeyan K.; Aswin Kumar S.; Vignesh A.; Vijay M.	Smart Gesture Interaction Enhancing Accessibility For Visually Impaired Individuals	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025			463	467	2025
317	Kalaiyarasi V.P.; Danish Mithula S.; Kanimozhi V.; Kishore I.M.	AI Powered HeartRate Monitor Leveraging Skintone	Proceedings of the 11th International Conference on Bio Signals, Images, and Instrumentation, ICBSII 2025					2025
318	Gowthambalagi M.; Vishnu S.M.; NaveenKumar M.; Raja S.	Enhancing Student Engagement and Performance in Online Classrooms through a Smart Management Application	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings			1192	1196	2025
319	Premalatha R.; Jayanthi K.B.; Rajasekaran C.; Sureshkumar R.; Dhanalakshmi R.	Enhancing Domain Adaptation in Continual Learning with Elastic Weight Consolidation: A Multi-Dataset Deep Learning Approach	Lecture Notes in Computer Science	15615 LNCS		195	209	2025

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320	Ramya R.; Mohamed Thanseem K.; Vimalraj V.; Vinith Kumar S.	Flood Forecasting System based on Water Monitoring using IoT-Machine Learning	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025			1857	1862	2025
321	Deepadharsini V.; Poornakumar D.	Intelligent LPG Regulator: Leak Detection and Weight Monitoring using IoT Technology	Proceedings of 5th International Conference on Trends in Material Science and Inventive Materials, ICTMIM 2025			800	805	2025