

K.S.RANGASAMY COLLEGE OF TECHNOLOGY

(Autonomous)

Tiruchengode - 637 215. Namakkal Dt. Tamil Nadu

No. of Articles: 390

List of Scopus Indexed Conference Publications

Calendar year: 2025

S.No	Authors	Title	Conference	Vol.	Issue	S. Page	E. Page	Year
1	Raja S.; Devaranjani A.; Gowsika R.; Balamurugan S.; Praveenraj S.; Janani A.P.	Context-Aware Email Prioritization Using Hybrid RL and Multimodal Embeddings	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025					2025
2	Chithra R.; Keerthana J.; Sreedarshini R.R.	A Crowd-Sourced Framework for Efficient Hospital Waste Management	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 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	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
6	Vijayprabhakar P.; Vigneshwaran M.; Sivaswaminathan S.; Venkatesan S.	Evaluation of sisal banana epoxy reinforced natural composite	Journal of Physics: Conference Series	3045	1			2025
7	Navin Balaji K.; Sivakumar D.	Performance of Sustainable Self-Compacting Concrete with Industry and Agricultural By-Products	IFAC-PapersOnLine	59	8	295	302	2025
8	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
9	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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10	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
11	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
12	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
13	Suvedhaa 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
14	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
15	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
16	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
17	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
18	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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19	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
20	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
21	Dhanapal M.; Gopalakrishnan R.	Enhanced Power Quality Optimization in Unbalanced Smart Microgrids	3rd International Conference on Emerging Applications of Material Science and Technology, ICEAMST 2025			761	766	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	Sabesh Arunachalam K.C.; Kavin K.; Elango M.K.	AI-Driven System Design for Human-Animal Conflict Mitigation	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025			1195	1200	2025
24	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
25	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
26	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
27	Sarumathi S.; Tholkappiyar K.; Venkateshwaran S.	AI-Integrated Urban Vehicular Flow Optimization for Carbon Emission Mitigation	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025					2025

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28	Chithra R.; Ackshaya R.; Dhinakaran T.	Voice Health Assistant for Elderly with Multi-Language and Offline Support	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025					2025
29	Madhavi S.; Rohith S.; Nishwanth D.K.	The Smart Mentoring System-Enhancing the interaction between faculty and students in Higher Education	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025					2025
30	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
31	Dhanasekar R.; Kumaresan K.; Rajavenkatesan T.; Sudhir Kumar V.; Gowtham S.P.; Vaishnavi M.	Design and Analysis of Active Suspension Systems for Automotive Vehicles Using PID and Root Locus Controller	2025 2nd International Conference on Integration of Computational Intelligent System, ICICIS 2025					2025
32	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
33	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
34	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
35	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
36	Balaji K.N.; Sivakumar D.	Performance of Sustainable Self-Compacting Concrete with Industry and Agricultural By-Products	Procedia Structural Integrity	70		295	302	2025

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37	Rajkumar S.; Dhanush K.R.; Dinesh V.D.	Intelligent Video Surveillance System for Automated Crime Detection and Classification Using Deep Learning	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025						2025
38	Vignesh R.J.; Jagadeesan R.	Axial load response and deformation properties of coconut shell aggregate-based CFST columns	AIP Conference Proceedings	3267	1				2025
39	Sarumathi S.; Ruthvararshan 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
40	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
41	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
42	Madhan V.P.; Naveen Kumar A.; Saran M.; Satheshkumar 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
43	Kirubaharan M.; Haribaskar S.; Gopalakrishnan R.; Chandrakumar E.; Satheshkumar 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
44	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
45	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
46	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
47	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

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48	Monisha K.; Sachin U.M.V.; Subalaxmi T.	Web based Smart Ration Card System and Time Efficiency using MERN Stack	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025					2025
49	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
50	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
51	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
52	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
53	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
54	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
55	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
56	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
57	Nakulan S.; Bavanithan A.; Sri Vidhya D.; Gopalakrishnan R.; Mythili Gnanamangai B.; Jaividhya S.	Aqua Freezer and Heater Featured Water Container	Proceedings of 10th International Conference on Communication and Electronics Systems, ICCES 2025			643	647	2025
58	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

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59	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
60	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
61	Vijay Sai R.; Vasanthakumaran V.R.; Priyan B.	AI and IoT-Based Real-Time Landslide Monitoring and Prediction System	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025					2025
62	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
63	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
64	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
65	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
66	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

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67	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
68	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
69	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
70	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
71	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
72	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
73	Krithika S.; Jayachandran T.; Raghupriya 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
74	Jayamani S.; Nallasivam R.; Ranjith J.M.; Venkatesh N.	IOT-Enabled CNG Tank Monitoring System	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
75	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

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76	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
77	Kanishka M.; Senthilvadivu K.	Sleep Quality Monitoring in Osteoporosis Patients Using Deep Learning	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025						2025
78	Vignesh S.; Dharani R.; Rithika S.	VeilLock: Privacy-First Decentralized Cloud Access - Anonymous Authentication and Secure Data Management in Cloud Environments	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025			632	638		2025
79	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
80	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
81	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
82	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
83	Giridharan N.; Sakthidevi S.; Sree Gousalya V.; Shalini J.K.	DeSecShare: A Secure Decentralized File Sharing System Using Encrypted Data Chunking and Distributed Node Storage	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025						2025
84	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
85	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
86	Thamarai Selvi S.B.; Perumal S.; Gopika M.	A Specialized ResNet50 Computational Model for Intelligent Skin Lesion Diagnosis	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025						2025

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87	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
88	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
89	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
90	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
91	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
92	Raja S.; Deepak D.; Janani A.P.; Nithish R.	FloatChat-AI-Powered Conversational Interface for Ocean Data Discovery and Visualization	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025						2025
93	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
94	Pranav Adhithya R.S.; Yuvanesh N.; Dhanapal M.; Gopalakrishnan R.	Predictive Power Quality Management using Deep Learning Algorithms	3rd International Conference on Emerging Applications of Material Science and Technology, ICEAMST 2025			79	84		2025
95	Mythili J.; Gopalakrishnan R.; Selvi M.M.; Sundaresh N.	Intelligent Detection and Prevention of Wi-Fi Data Theft using Machine Learning and Cybersecurity Analytics	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025						2025
96	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

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97	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
98	Sarumathi S.; Nivedha K.S.; Subicshaa P.M.; Tamizharasan D.	Feature Discovery in 3D Point Clouds Using Structural Pattern Matching	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025					2025
99	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
100	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
101	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
102	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
103	Janani B.; Dhivya G.; Priyaa A.M.	An Explainable Hybrid DBN-KELM Framework for Intrusion Detection Systems	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025			1679	1684	2025
104	Saranya S.; Chinniah P.; Tamarasi 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
105	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
106	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

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107	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
108	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
109	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
110	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
111	Karthick J.; Subithra S.S.; Suruthilaya S.; Eswari A.	AI-Powered Multimodal Assistant for Medical Board Meetings	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025						2025
112	Madhumitha S.; Kavinash M.N.; Mohanraj R.; Kalaiyarasi V.P.; Poovarasan R.; Gogiladevi K.	IoT-Integrated Multi-Modal Deep Learning for Accurate Plant Leaf Disease Detection	5th IEEE International Conference on Mobile Networks and Wireless Communications, ICMNWC 2025						2025
113	Saradha M.; Dharshan G.; Kaviya S.	Enhancing Cloud Data Security And Access Control: An Efficient Auditing Scheme	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025			1626	1630		2025
114	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

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115	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
116	Vignesh S.; Akshitha Krissy K.; Dharaniya K.	Intelligent Crop Selection Via Multilayer Perceptron and Seasonal Analytics	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025			1154	1159		2025
117	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
118	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
119	Sarumathi S.; Muthukumar A.; Sanjay S.; Tamizharasan D.	An Automated Detection of Intracranial Aneurysms Using An Enhanced Deep Learning Architecture	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025						2025
120	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, ICICI 2025			581	586		2025
121	Senthilraja P.; Madhumithra R.; Sharvadarshini O.O.	Eco Build AI: An Intelligent MCDM-TOPSIS based Sustainability Assessment Platform for Construction Projects	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025			1943	1947		2025
122	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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123	Balakrishnan D.; Thirumoorthy P.; Janani C.; Sri Abinaya D.; Praveen K.; Karthick J.	Early Detection of Ischemic Stroke Using Convolutional Neural Networks	2025 Global Conference on Information Technology and Communication Networks, GITCON 2025						2025
124	Sujetha N.; Rohini K.; Mohan N.; Prabhu P.	Structural And Evolutionary Analysis of Zika Virus NS5 Protein	BIO Web of Conferences	172					2025
125	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
126	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
127	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
128	Vimal S.; Jeeva C.; Chandra Kumar E.; Gopalakrishnan R.; Satheeshkumar R.; Lakshmi C.S.	IoT-Enabled Hybrid Cell Balancing for Reliable and Energy-Efficient Battery Systems	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025			727	732		2025
129	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
130	Vadivel S.; Bhuvaneshwari R.; Gobubalaaji E.	Enhancement of Machine Learning-Based Automated Soft Tissue Tumor Diagnosis	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025						2025
131	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
132	Geetha B.G.; Abivarman G.; Amirtha A.	Smart Monitoring Tourist System	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025			1856	1861		2025

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133	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
134	Tamilarasi M.; Amrutha P.; Karthika P.	Machine Learning - AI-based Query Support and Advisory System for Agricultural Systems	4th International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2025			1551	1555	2025
135	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
136	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
137	Elango R.; Nivitha V.P.; Radhamani R.; Balamurugan R.	Cloud-Enhanced Battery Management for High-Performance Electric Vehicles	3rd International Conference on Emerging Applications of Material Science and Technology, ICEAMST 2025			178	181	2025
138	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
139	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
140	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
141	Sarumathi S.; Gokila R.; Maghaaswanth M.S.	Automated Bird Species Recognition with Transformer Architectures	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025					2025

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142	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
143	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
144	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
145	Meganraj S.; Janani M.; Kalaiyarsan 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
146	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
147	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
148	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
149	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

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150	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
151	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
152	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
153	Monika S.; Sangeetha M.; Jawahar M.	Medical Image-based Survival Study for Meningitis Detection and Prognosis	Proceedings of 5th International Conference on Ubiquitous Computing and Intelligent Information Systems, ICUIS 2025			323	327		2025
154	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
155	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
156	Karthikeyan K.; Maiarunkumar K.; Hariprasath M.	Crop Recommendation Systems based on Soil and Environmental Data	3rd International Conference on Emerging Applications of Material Science and Technology, ICEAMST 2025			1467	1472		2025
157	Sakthivel K.; Mohanakumaran K.; Hari saravanaa S.	Smart Interaction:Contactless Human-Computer Interaction via AI-pen	3rd International Conference on Emerging Applications of Material Science and Technology, ICEAMST 2025			1189	1193		2025
158	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

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159	Mohanraj R.; Devi K.G.; Saravanan S.; Bavanandhika S.; Abinaya M.	Smart IoT Access Management System For Equipment Control using MQTT	5th IEEE International Conference on Mobile Networks and Wireless Communications, ICMNWC 2025					2025
160	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, ICoICI 2025			570	575	2025
161	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
162	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
163	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
164	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
165	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
166	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
167	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

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168	Cleetus J.L.; Mega Dharshan T.; Sripasanna 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
169	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
170	Loegesh R.; Jaividhya S.; Nagul Prathish S.; Sri Vidhya D.	Electricity Generation From Vehicle Engine Heat using Thermoelectric Generators	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025			490	494		2025
171	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
172	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
173	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
174	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
175	Geetha B.G.; Prasanth P.; Arshath A.A.	AI-based Cybercrime Detection and Prevention	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025			1141	1146		2025
176	Udhaya T.; Mithesh 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

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177	Sakthivel K.; Ramadevi P.; Keerthika N.J.	Secure Digital File Transmission and Storage System	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025			2224	2229	2025
178	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
179	Kanishka T.; Moulidharan E.; Rajasekaran N.	Adaptive Protection and Overload Resilience Enhancement of Hybrid Transformers under Grid Voltage Sag Conditions	3rd International Conference on Emerging Applications of Material Science and Technology, ICEAMST 2025			548	553	2025
180	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
181	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
182	Venkatesh P.; Ragul Prasanth R.; Rajasekaran N.	Adaptive Control Framework for Active Power Management And Power Quality Enhancement In Weak-Grid PV-Battery System	3rd International Conference on Emerging Applications of Material Science and Technology, ICEAMST 2025			497	502	2025
183	Harishkumar P.; Tivith C.; Shyamalagowri M.	Sustainable Solar and Biogas Hybrid Power Plant with Real-Time Performance Tracking Via Mobile Application for Rural Use	Proceedings of 10th International Conference on Communication and Electronics Systems, ICCES 2025			128	133	2025
184	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
185	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

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186	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
187	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
188	Sakthivel K.; Nandagopal K.R.; Mathan R.; Dharshini G.	SmartSpin: An ML-Driven Software Framework for Optimizing Waste and Production Efficiency in Textile Mills	3rd International Conference on Emerging Applications of Material Science and Technology, ICEAMST 2025			1419	1424	2025
189	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
190	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
191	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
192	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
193	Saradha M.; Deepadharshni K.	CXR-Insight Framework: A Regularized Deep Learning-based System for Accurate Chest X-ray Disease Classification	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025			593	597	2025
194	Sudeshna K.; Karthick J.; Radhamani R.; Balamurugan R.; Uthirasamy N.	Intelligent ANN Control for Active Power Filters to Improve Power Quality in Electric Vehicle	2025 IEEE 6th Global Conference for Advancement in Technology, GCAT 2025					2025

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195	Bharathi G.; Muthusamy S.; Duraisamy S.; Krishnamoorthy M.; Ravindaran A.; Arumugam S.; Singaram S.	A method for design and development of four phase interleaved converter with bidirectional capability intended for electrical vehicle applications	2025 IEEE International Conference on Intelligent Signal Processing and Effective Communication Technologies, INSPECT 2025						2025
196	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
197	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
198	Prakash M.; Sivasankari R.; Bhuvaneshwari N.; Nivetha D.; Poorani B.; Kanagaselvam R.	Neural Histories: Tracing Genre Evolution in English Literature with Deep Learning	Proceedings of 2025 10th International Conference on Science Technology, Engineering and Mathematics, ICONSTEM 2025						2025
199	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
200	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
201	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
202	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
203	Kanishka J.; Pooja A.; Mithuna S.	Hybrid Transformer-CNN Model for Multi-View Cataract Grading and Severity Interpretation in Geriatric Patients	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025						2025
204	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

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205	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
206	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
207	Sakthivel K.; Harine N.; Chandra Mohan G.	Towards Tamper-Resistant Digital Media: An AI and Blockchain Approach for Deepfake Detection	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025			495	500	2025
208	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
209	Janani B.; Arun K.; Sukumar D.	Machine Learning-Based Forecasting for Optimized Crop Yield Estimation	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025					2025
210	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
211	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
212	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
213	Sai R.V.; Kishore R.; Madhumitha C.	Explainable AI for Predicting Post-Surgery Recovery Outcomes	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025			817	822	2025

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214	Rithanya S.; Sandhiya D.; Kayalvizhi N.; Sri Vidhya D.; Gopalakrishnan R.; Balamurugan R.	AI-Driven IoT Energy Management System with Edge Forecasting and Fault Detection	Proceedings of 10th International Conference on Communication and Electronics Systems, ICCES 2025			297	302	2025
215	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
216	Karthick J.; Reddy M.B.; Karthick L.C.; Eswari A.	Farm Sage Multilingual Agricultural Q&A Assistant and Plant Leaf Disease Detection	Proceedings - IEEE 10th International Conference on Smart Structures and Systems, ICSSS 2025					2025
217	Vignesh S.; Sabarevason D.; Sachin A.R.	IoT-Enabled Smart Eyewear: A Real-Time Platform for Comprehensive Child Monitoring and Proactive Intervention	3rd International Conference on Emerging Applications of Material Science and Technology, ICEAMST 2025			7	13	2025
218	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
219	Shankar K.; Thanujasree K.; Venkatesan T.	Smart IoT-based Framework for Livestock Mobility Monitoring and Support in Livestock	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025			1267	1272	2025
220	Manigokul R.; Navishnu R.; Chandra Kumar E.; Gopalakrishnan R.; Satheshkumar 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
221	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
222	Dharsana V.; Mugilarasan M.; Dhanapal M.; Gopalakrishnan R.	Smart Solutions to Power Quality Challenges using AI Algorithms	3rd International Conference on Emerging Applications of Material Science and Technology, ICEAMST 2025			209	214	2025

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223	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
224	Gogila Devi K.; Balachandran A.; Babu P.; Devaki M.	Temporal and Amplitude Characteristics of ERG Signals in Retinal Degenerative Disorders	16th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2025	2		414	419	2025
225	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
226	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
227	Dineshkumar M.E.; Asraf Ahamed A.; Karpagam R.	Image-based Authentication using Zero-Knowledge Techniques	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025			772	776	2025
228	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
229	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
230	Bhuwanesh R.; Sivakumar R.; Elango M.K.	AI-Powered Anonymous Voice Feedback and Complaint System for Students and Workers	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025			194	198	2025
231	Gogila Devi K.; Balachandran A.; Devaki M.	Multi-Modal Erg Analysis and Logistic Regression for Retinal Function Assessment	2025 IEEE 4th International Conference for Advancement in Technology, ICONAT 2025					2025

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232	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
233	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
234	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
235	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
236	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
237	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
238	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
239	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
240	Suthi G.; Balakrishnan D.; Sivaranjani R.S.; Deebika R.; Abhinaya B.; Shree Priyanka V.L.	Enhancing Agri - Food Supply Chain Efficiency Through Cloud Computing Solutions	2025 Global Conference on Information Technology and Communication Networks, GITCON 2025					2025

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241	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
242	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
243	Revathi R.; Neethikrishnan V.; Areiya N.S.	Identifying ADHD in Children Through Behavioural Analysis	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025			1908	1913		2025
244	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
245	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
246	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
247	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
248	Udhaya T.; Kavipriya V.; Sangavi S.	Fisherman Safety Predictions using Machine Learning Techniques	Proceedings of the 9th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2025			2006	2010		2025
249	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

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250	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
251	Abishek G.; Gokul Vasan 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
252	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
253	Vignesh S.; Harini S.K.; Subaksha B.	AI-Powered Hidden Camera Detection Using a Multi-Sensing Smartwatch Platform	3rd International Conference on Emerging Applications of Material Science and Technology, ICEAMST 2025			1425	1431	2025
254	Saranya S.; Srivarthini K.; Aravindan P.	IoT-Enabled Transformer Health Monitoring and Oil Level Detection	Proceedings of 10th International Conference on Communication and Electronics Systems, ICCES 2025			1193	1198	2025
255	Karthy 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
256	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
257	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
258	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

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259	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
260	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
261	Madhavi S.; Alyushra A.; Baahir Noufel K.M.	AI-Powered Early Detection of Stress and Mental Health Issues	Proceedings of 5th International Conference on Evolutionary Computing and Mobile Sustainable Networks, ICECMSN 2025			1135	1140		2025
262	Baranidharan T.; Vijay A.S.; Shibiyarasu 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
263	Abirami A.; Dharun Raja K.; Srinivasan S.	IoT-Based Real-Time Rice Storage and Preservation System	Proceedings of 10th International Conference on Communication and Electronics Systems, ICCES 2025			1188	1192		2025
264	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
265	Suthanthran S.S.; Pavithra S.; Dineshkumar P.; Sellamuthu K.; Vasundradevi 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
266	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
267	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

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268	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
269	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
270	Mythili J.; Suganraj T.; Suvetha V.; Thamarakannan M.; Polisetty S.M.	Software Defect Prediction System Using Optimized Bi-Directional LSTM	International Conference on Advanced Computing Technologies, ICoACT 2025					2025
271	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
272	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
273	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
274	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
275	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
276	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

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277	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
278	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
279	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
280	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
281	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
282	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
283	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
284	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
285	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
286	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

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287	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
288	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
289	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
290	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
291	Tholkappiyar 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
292	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
293	Dinesh S.; Logesh S.; Adithya 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
294	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
295	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
296	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

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297	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
298	Kausalya S.; Gowtham C.T.; Dhanam Baalajee 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
299	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
300	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
301	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
302	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
303	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
304	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
305	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
306	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

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307	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
308	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
309	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
310	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
311	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
312	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
313	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
314	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
315	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
316	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

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317	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
318	Aravind Kumar M.K.; Karthick M.; Kishore S.; Poovarasan 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
319	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
320	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
321	Sivasankaran M.; Mano T.; Suganeshwaran S.; Karthik P.	A Comphrehensive Approach to Power Management in Hybrid Electric Vehicle	2025 International Conference on Emerging Smart Computing and Informatics, ESCI 2025					2025
322	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
323	Kalaivani E.; Nagrajan S.; Thirunavukkarasu T.; Jothibas 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
324	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
325	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

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326	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
327	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
328	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
329	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
330	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
331	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
332	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
333	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
334	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
335	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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336	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
337	Priyadarshini 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
338	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
339	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
340	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
341	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
342	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
343	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
344	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
345	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
346	Kiruthika K.	A Review of Challenges in Deep Learning-Based Stock Market Prediction	Lecture Notes in Networks and Systems	1421 LNNS		443	450		2025

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347	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
348	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
349	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
350	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
351	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", ICCCIIT 2025			382	387	2025
352	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
353	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
354	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
355	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
356	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

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357	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
358	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
359	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
360	Rajkumar S.; Gopalakrishnan R.; Shreeraksha T.S.; Dhanaraj S.; Kabiyaashwanth 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
361	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
362	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
363	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
364	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
365	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
366	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
367	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

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368	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
369	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
370	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
371	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
372	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
373	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
374	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
375	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
376	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
377	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
378	Raguvaran K.; Harivigneshraja M.; Priyan M H.; Kalaivani M.	Orbiting Mouse for CAD Tools	International Conference on Advanced Computing Technologies, ICoACT 2025					2025

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379	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
380	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
381	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
382	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
383	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
384	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
385	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
386	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
387	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
388	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

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389	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
390	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