

CONFERENCES

Sl. No	AUTHORS	PUBLICATION TITLE	SOURCE PUBLICATION	ARTICLE TYPE	ONLINE DATE	DOI
1	Lakshmanan Muthusamy	Embedded C-based Adaptive MPPT Controller with Boost Converter for High-Efficiency Solar-Powered Electric Vehicle Charging Applications	2025 6th International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS)	Conference	01/01/2026 00:00:00	10.1109/icicnis66685.2025.11315687
2	Sriramkumar Ravindran;Lakshmanan Muthusamy	AI-Powered Portable Kit for Early Detection of Lung and Chest Diseases in Rural Areas	2025 6th International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS)	Conference	01/01/2026 00:00:00	10.1109/icicnis66685.2025.11315773
3	Lakshmanan Muthusamy;Vegi Fernando Alphese Fernando;Godhandaraman T;Sriramkumar Ravindran;Joshuva Arockia Dhanraj	Nanosatellite and IoT-Enabled Climate–NDVI Data Fusion for Accurate Wheat Yield Prediction	2025 10th International Conference on Communication and Electronics Systems (ICCES)	Conference	01/21/2026 00:00:00	10.1109/ices67310.2025.11336986
4	Joshuva Arockia Dhanraj;Sriramkumar Ravindran;Lakshmanan Muthusamy;Mude Nagarjuna Naik;Rakshita Rajan	Energy Management With Explainable Hybrid AI Predictive-Reinforcement in Smart Buildings	2025 10th International Conference on Communication and Electronics Systems (ICCES)	Conference	01/21/2026 00:00:00	10.1109/ices67310.2025.11336241
5	Lakshmanan Muthusamy	Learning to Read, Classify and Infer: A Survey of Deep Structures for Intelligent Text Labeling	2025 10th International Conference on Communication and Electronics Systems (ICCES)	Conference		10.1109/ices67310.2025.11336920

6	Chandrakala Lingaraju;Mahendra M K;Monish Lokesh Reddy;Manjula Maddanna;Rakshita Rajan;Divya R	Real-Time Crowd Density Estimation Using Thermal Imaging	2025 2nd International Conference on Software, Systems and Information Technology (SSITCON)	Conference	01/22/2026 00:00:00	10.1109/ssitcon66133.2025.11342173
7	Lakshmanan Muthusamy	Self-Adaptive Fuzzy Logic Controlled Buck– Boost Converter for Efficient EV Battery Charging	2025 6th International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS)	Conference	01/01/2026 00:00:00	10.1109/icicnis66685.2025.11315662
8	Lakshmanan Muthusamy	Design and Implementation of a Two-Stage P and O MPPT with CC/CV Controlled Boost Converter for Efficient Electric Vehicle Battery Charging	2025 6th International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS)	Conference	01/01/2026 00:00:00	10.1109/icicnis66685.2025.11315792
9	Darshan Anand;Vinutha Narayanaswamy;Chethan K Murthy;R Deeraj	A Hybrid Spiking Convolutional Neural Network for Computationally Efficient Pathology Image Classification	2025 IEEE International Conference on Intelligent Signal Processing and Effective Communication Technologies (INSPECT)	Conference	01/28/2026 00:00:00	10.1109/inspect67393.2025.11350368
10	Mude Nagarjuna Naik;Sriramkumar Ravindran;Lakshmanan Muthusamy	Vision Transformers and Explainable Deep Learning Models for Automated Kidney Disease Classification from CT Radiographs	2025 5th International Conference on Mobile Networks and Wireless Communications (ICMNWC)	Conference	01/28/2026 00:00:00	10.1109/icmnwc66779.2025.11354427
11	Sugandha Saxena;Urudhala Pavan Kumar;Santhosh Kumar Gorva;Goshtu Hemanth Kumar	Multimodal Dialogue Systems Multimodal Transformer Fusion for Using Audio, and Text Data	Lecture notes in electrical engineering	Conference	02/01/2026 00:00:00	10.1007/978-981-96-7991-1_35
12	Goshtu Hemanth Kumar;Sugandha Saxena;Urudhala Pavan Kumar;Santhosh Kumar Gorva	Speech Emotion Recognition Using Acoustic Feature Extraction with Relief and Hidden Markov Model	Lecture notes in electrical engineering	Conference	02/01/2026 00:00:00	10.1007/978-981-96-7991-1_31

13	Urudhala Pavan Kumar;Santhosh Kumar Gorva;Goshtu Hemanth Kumar;Sugandha Saxena	Fault Detection in Power Line Communication Systems for Smart Grids by Using One Class Support Vector Machine-Based Autoencoder	Lecture notes in electrical engineering	Conference	02/01/2026 00:00:00	10.1007/978-981-96-7991-1_27
14	Sugandha Saxena;Urudhala Pavan Kumar;Santhosh Kumar Gorva;Goshtu Hemanth Kumar	Signal Processing Approaches for Secure Channel Estimation and Data Transmission in 5G/6G	Lecture notes in electrical engineering	Conference	02/01/2026 00:00:00	10.1007/978-981-96-7991-1_16
15	Santhosh Kumar Gorva;Goshtu Hemanth Kumar;Sugandha Saxena;Urudhala Pavan Kumar	Improved Wild Horse Optimization-Based Deep Neural Network for Speaker Identification and Verification	Lecture notes in electrical engineering	Conference	02/01/2026 00:00:00	10.1007/978-981-96-7991-1_29
16	Trupthi Rao	Artificial Neural Networks and Optimizers in Stellar Classification Based on Spectral Data Analysis	2025 IEEE 4th International Conference for Advancement in Technology (ICONAT)	Conference	01/30/2026 00:00:00	10.1109/iconat66879.2025.11362746
17	Trupthi Rao	Enhancing Thyroid Disease Diagnosis Through Deep Learning and Artificial Neural Network	2025 IEEE 4th International Conference for Advancement in Technology (ICONAT)	Conference	01/30/2026 00:00:00	10.1109/iconat66879.2025.11362658
18	Trupthi Rao	Crop and Farming Technique Selection: A Hybrid Fuzzy AHP-TOPSIS Model	2025 IEEE 6th Global Conference for Advancement in Technology (GCAT)	Conference	02/04/2026 00:00:00	10.1109/gcat66372.2025.11368361
19	Trupthi Rao	Design and Enhanced Analysis of Silk Fabric Classification Using MobileNetV2 with Grad-CAM Interpretability	2025 IEEE 6th Global Conference for Advancement in Technology (GCAT)	Conference	02/04/2026 00:00:00	10.1109/gcat66372.2025.11368429
20	Lakshmanan Muthusamy;Rakshita Rajan;Ronak Das;Sanjay Kumaran;Vyom Soni	A Hybrid BERT-T5 Model for Improved Disease Classification and Personalized Treatment Recommendations in Healthcare	2025 Global Conference on Information Technology and Communication Networks (GITCON)	Conference	02/12/2026 00:00:00	10.1109/gitcon65266.2025.11377218

21	Shruti Nigam;Bhuvana Mohini T N;B S Rangaraj;Rishitha Kattipallem	Urban Growth Forecasting and LULC Dynamics in Bangalore Using Random Forest Classification and Cellular Automata on Dynamic World Satellite Data	Intelligent Vision and Computing	Conference	01/29/2026 00:00:00	10.1007/978-3-032-10667-4_11
22	Bhuvana Mohini T N	Enhanced Hybrid Deep Learning Model for Alzheimer Disease Diagnosis	2025 International Conference on Communication, Computer, and Information Technology (IC3IT)	Conference	01/22/2026 00:00:00	10.1109/ic3it66137.2025.11340957
23	Joshuva Arockia Dhanraj;Lakshmanan Muthusamy;Sriramkumar Ravindran;Mude Nagarjuna Naik	Adaptive Calibration and Drift Mitigation in Distributed Aquaponics IoT using Federated Edge Intelligence for Sustained Sensor Reliability	2025 International Conference on NexGen Networks and Cybernetics (IC2NC)	Conference	02/17/2026 00:00:00	10.1109/ic2nc67409.2025.11375927
24	Joshuva Arockia Dhanraj;Mude Nagarjuna Naik;Lakshmanan Muthusamy;Sriramkumar Ravindran	Enhanced Multi-Class Gearbox Fault Detection using WiSARD Weightless Neural Networks with Binary Pattern Encoded Vibration Data	2025 International Conference on NexGen Networks and Cybernetics (IC2NC)	Conference	02/17/2026 00:00:00	10.1109/ic2nc67409.2025.11376494
25	Lakshmanan Muthusamy	Edge-Intelligent Block Chain Framework for Federated Privacy-Preserving Medical Diagnostics	2025 International Conference on NexGen Networks and Cybernetics (IC2NC)	Conference	02/17/2026 00:00:00	10.1109/IC2NC67409.2025.11376420
26	Sriramkumar Ravindran;Vegi Fernando Alphese Fernando;Mithaguru;Mude Nagarjuna Naik;Joshuva Arockia Dhanraj;Lakshmanan Muthusamy	Enhanced Chest X-Ray Analysis through Transfer-based Deep Feature Extraction for Pulmonary Disorders	2025 International Conference on NexGen Networks and Cybernetics (IC2NC)	Conference	02/17/2026 00:00:00	10.1109/ic2nc67409.2025.11376544

27	Shreekant Salotagi;Lakshmanan Muthusamy;Ajeeb Sagar	Detecting AI-Generated Essays with Hybrid Supervised–Unsupervised NLP Techniques	2025 5th International Conference on Artificial Intelligence and Signal Processing (AISP)	Conference	02/23/2026 00:00:00	10.1109/aisp68263.2025.11396327
28	Shreekant Salotagi;Lakshmanan Muthusamy;Ajeeb Sagar	Automated Classification of Disaster Waste Using Vision Transformers: A Deep Learning Approach for Sustainable Post-Disaster Management	2025 5th International Conference on Artificial Intelligence and Signal Processing (AISP)	Conference	02/23/2026 00:00:00	10.1109/aisp68263.2025.11396237
29	Subhash Mondal;Anirudh Iyer;Amitabh Thakur	An Explainable ANN Framework for Early Detection of PCOS Using SHAP and SMOTETomek	2025 Second International Conference on Pioneering Developments in Computer Science & Digital Technologies (IC2SDT)	Conference	02/20/2026 00:00:00	10.1109/ic2sdt68218.2025.11383616
30	Hanumanth Sastry Sistla;Alisha Alias;Dhanya S;Sahil Pocker;Gopal Das CM	Integrated Healthcare App: A Comprehensive Digital Platform for Holistic Health and Wellness	2025 3rd DMIHER International Conference on Artificial Intelligence in Healthcare, Education and Industry (IDICAIHEI)	Conference	02/23/2026 00:00:00	10.1109/idicaihei65991.2025.11379368
31	Sriramkumar Ravindran;Rakshita Rajan;Lakshmanan Muthusamy;Joshuva Arockia Dhanraj;Godhandaraman T	Hybrid 3D Dual-Path Transformer and Residual Attention U-Net for Efficient Brain Tumor Segmentation from MRI Scans	2025 Modern Electronics Devices and Intelligent Communication Systems (MEDCOM)	Conference	03/02/2026 00:00:00	10.1109/medcom67532.2025.11405119
32	Sriramkumar Ravindran;Joshuva Arockia Dhanraj;Vegi Fernando Alphese Fernando;Mithaguru;Lakshmanan Muthusamy	MedVox-AV: A Noise-Robust Medical Voice Assistant for Autonomous Vehicles Using Edge—Cloud Deep Learning	2025 Modern Electronics Devices and Intelligent Communication Systems (MEDCOM)	Conference	03/02/2026 00:00:00	10.1109/medcom67532.2025.11404877

33	Mude Nagarjuna Naik;Sriramkumar Ravindran;Lakshmanan Muthusamy	Automated Deep Learning Framework for Multi-Label Skin Cancer Classification Using Balanced Dermatoscopic Data	2026 Sixth International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT)	Conference	03/13/2026 00:00:00	10.1109/icaect68478.2026.11425913
34	Vegi Fernando Alphese Fernando	Scalable and Interpretable Engineering Solutions for Fake Account Detection using GNNs and FactorVAE	2026 International Conference on AI-Driven Smart Systems and Ubiquitous Computing (ICAUC)	Conference	03/24/2026 00:00:00	10.1109/icauc68182.2026.11441089
35	Tanvir Habib Sardar;Devipriya VS;Pannangi Naresh;Ravi Nivetha;Dr. Mubeen Ahmed Khan;Nur Alom Talukder	Optimised Healthcare Data Classification Using MI-PSO-ANFIS-GA: A Hybrid Machine Learning Approach	2026 5th International Conference on Communication, Computing and Electronics Systems (ICCCES)	Conference	03/25/2026 00:00:00	10.1109/iccces62661.2026.11436641
36	Ravi Nivetha;Sugandha Saxena;Lakshmanan Muthusamy	AI in Agriculture: Crop Monitoring and Precision Farming	Communications in computer and information science	Conference		10.1007/978-981-95-7292-2_19
37	Mude Nagarjuna Naik;Sriramkumar Ravindran;Lakshmanan Muthusamy	Comparative Model Analysis for Early Detection of Breast Cancer Using Clinical Data	2026 4th International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT)	Conference		10.1109/idciot67589.2026.11455869
38	Shabareesh K;Karthik;Keshav V M;Likith H M;Abdul Haq Nalband;Lakshmanan Muthusamy	AI for Disaster Response and Relief: Predicting Disaster Impacts of Flood Using Satellite Imagery	2026 International Conference on Computing, Communication, Control and Cyber-Physical Systems (I5CPS)	Conference		10.1109/i5cps67958.2026.11452572
39	Gaurav Kumavat;Shreekant Salotagi	Machine Learning Driven Prediction of Antenna Reflection Coefficients (S11) from Geometric Parameters	2025 International Conference On Emerging Computation and Information Technologies (ICECIT)	Conference	03/30/2026 00:00:00	10.1109/icecit67774.2025.11451131

40	Nishvika Teja Reddy;Niharika N;Jayashree K R;Pallavi J;Abdul Haq Nalband;Trupthi Rao	Machine Learning Techniques for Voice-Based Parkinson's Disease Detection	2026 IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI)	Conference	04/07/2026 00:00:00	10.1109/iatmsi68868.2026.11465934
41	Hemanth N;Lohith L;Haswin J;Sujan Sai G;Abdul Haq Nalband;Trupthi Rao	A Unified Natural Language Processing Framework for Hate Speech and Fake News Detection on Social Media	2026 IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI)	Conference	04/07/2026 00:00:00	10.1109/iatmsi68868.2026.11465743
42	Mohith Mohan;Mokshitha Garapati;Goutham Y K;Manoranjan S;Abdul Haq Nalband;Bahubali Shiragapur	Relai — AI for Disaster Response and Relief Using Random Forest Regression for Faster Response and Alerting	2026 IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI)	Conference	04/07/2026 00:00:00	10.1109/iatmsi68868.2026.11465476
43	Kruthi R;Maanya G V;Chithrashree M;Abdul Haq Nalband;Jayavrinda Vrindavanam Vadakkeparambil	Speech-to-Health: Dysarthria Detection, Speech Intelligence, & Secure Communication System	2026 IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI)	Conference	04/07/2026 00:00:00	10.1109/iatmsi68868.2026.11465839
44	Suresh Arumugam;Sindhu Anand;Suresh Kandasamy;Souramita Bhowmik;Prapti Bhattacharjee	Multimodal AI Integration Text Speech and Image for Human Interface	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics (IC3ECSBHI)	Conference	04/14/2026 00:00:00	10.1109/ic3ecsbhi67834.2026.11468881

45	Elluru Bhavana;A Vyshnavi;Sugandha Saxena;B S Likitha Sreeja;C Druthi	Inventory Demand Forecasting Using Cat Boost Regression: A Machine Learning Method	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics (IC3ECSBHI)	Conference	04/14/2026 00:00:00	10.1109/ic3ecsbhi67834.2026.11 468899
46	Vindhya T V;Vangala Angel;V Harshika Reddy;Sugandha Saxena;Jayavrinda Vrindavanam Vadakkeparambil	Leveraging Machine Learning Models for Data-Driven Prediction of Disease Outbreak Hotspots using Historical Data	2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics (IC3ECSBHI)	Conference	04/14/2026 00:00:00	10.1109/ic3ecsbhi67834.2026.11 469030
47	M Lakshmanan;Joshuva Arockia Dhanraj;Sriramkumar Ravindran	Privacy-Preserving Federated Blockchain with Adaptive Merkle Compression for Cross-Hospital EHR and AI Model Exchange	2026 International Conference on Communication, Computing and Emerging Technologies (IC3ET)	Conference	04/09/2026 00:00:00	10.1109/ic3et64989.2026.11467 549
48	Animesh Srivastava;Sumant Kumar Mohapatra	VGG16 and ResNet50 for Potato Leaf Disease Prediction	2026 4th International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT)	Conference	04/01/2026 00:00:00	10.1109/idciot67589.2026.1145 5896
49	Arjun Pulivarthi;Jitendra Kumar Jaiswal;Mithaguru;Manide ep Tatikonda ;Bedaduri Abhishek Roy;Swettha M A	Semantic Similarity-based Academic Descriptive Answer Evaluator Leveraging Machine Learning and Business Intelligence	2026 Innovations in Machine, Engineering, and Digital Conference (IMED)	Conference	04/22/2026 00:00:00	10.1109/imed68921.2026.11484 884
50	Jitendra Kumar Jaiswal;Princy Randhawa;Sumit Kumar Yadav	Optimising Large Language Models for Lung Cancer-Related Clinical Text for a Scalable Fine-Tuning Pipeline	2026 Innovations in Machine, Engineering, and Digital Conference (IMED)	Conference	04/22/2026 00:00:00	10.1109/imed68921.2026.11484 925

51	Jitendra Kumar Jaiswal;Princy Randhawa	Enhancing Decision Making in Retail Customer Behavior Through Predictive Analysis: Anticipating Trends and Preferences	2026 Innovations in Machine, Engineering, and Digital Conference (IMED)	Conference	04/22/2026 00:00:00	10.1109/imed68921.2026.11484895
52	Jitendra Kumar Jaiswal;Princy Randhawa	Identifying Key Predictors of Employee Attrition: A Data Analytics Perspective	2026 Innovations in Machine, Engineering, and Digital Conference (IMED)	Conference	04/22/2026 00:00:00	10.1109/imed68921.2026.11484367
53	Dr. Mubeen Ahmed Khan;Tanvir Habib Sardar;Devi Priya Vimala Sudhakaran;Pannangi Naresh;Ravi Nivetha	Hybrid CNN-XGBoost Framework for Enhanced Urban Sound Classification Using MFCC Features	2025 International Conference On Emerging Computation and Information Technologies (ICECIT)	Conference	03/30/2026 00:00:00	10.1109/icecit67774.2025.11451082
54	Sriramkumar Ravindran;Lakshmanan Muthusamy	Fault Diagnosis of Servo Motor Using Graph Neural Networks and Digital Twin Enhanced Reinforcement Learning	2026 International Conference on Emerging Technologies and Future Innovations (ETFI)	Conference	04/28/2026 00:00:00	10.1109/etfi68128.2026.11484917
55	Gowdham Chinnaraju;Godhandaraman T;K Vengatesan;Sriramkumar Ravindran;Bhavya Lingampalli;Lakshmanan Muthusamy	A Quantum Assisted Secure Data Transmission Architecture for Hybrid Classical Quantum Communication Systems	2026 International Conference on Electronic Systems and Intelligent Computing (ICESIC)	Conference	05/05/2026 00:00:00	10.1109/icesic67389.2026.11496436
56	Mithaguru;Rakshita Rajan;Joshuva Arockia Dhanraj;Vegi Fernando Alphese Fernando;Mude Nagarjuna Naik;Lakshmanan Muthusamy	Enhancing Privacy-Preserving Healthcare Analytics via Quantum-Inspired Federated Optimization	2026 International Conference on Next-Gen Quantum and Advanced Computing: Algorithms, Security, and Beyond (NQComp)	Conference	05/05/2026 00:00:00	10.1109/nqcomp68334.2026.11497657

57	Mude Nagarjuna Naik;Lakshmanan Muthusamy;Sugandha Saxena;Sriramkumar Ravindran;Mithaguru;Rakshita Rajan	Swin UNETR: A Novel Model of 3D Tumor Semantic Segmentation Using Vision Transformers	2026 International Conference on Next-Gen Quantum and Advanced Computing: Algorithms, Security, and Beyond (NQComp)	Conference	05/05/2026 00:00:00	10.1109/nqcomp68334.2026.11497761
58	Lakshmanan Muthusamy;Joshuva Arockia Dhanraj;Sriramkumar Ravindran;Sugandha Saxena;Rakshita Rajan;Mithaguru	HQRMLE: A Quantum-Resistant Blockchain Framework for Secure and Privacy-Preserving Healthcare Data Management	2026 International Conference on Next-Gen Quantum and Advanced Computing: Algorithms, Security, and Beyond (NQComp)	Conference	05/05/2026 00:00:00	10.1109/nqcomp68334.2026.11497700
59	Vegi Fernando Alphese Fernando;Mithaguru;Lakshmanan Muthusamy;Mude Nagarjuna Naik;Sriramkumar Ravindran;Sugandha Saxena	Federated Learning for Smart Grid Energy Forecasting: A Privacy-Preserving Approach	2026 International Conference on Next-Gen Quantum and Advanced Computing: Algorithms, Security, and Beyond (NQComp)	Conference	05/05/2026 00:00:00	10.1109/nqcomp68334.2026.11497658
60	Rakshita Rajan;Mithaguru;Sriramkumar Ravindran;Joshuva Arockia Dhanraj;Lakshmanan Muthusamy;Mude Nagarjuna Naik	An Integrated IoT Framework for Environmental Monitoring and Waste Management in Smart Cities	2026 International Conference on Next-Gen Quantum and Advanced Computing: Algorithms, Security, and Beyond (NQComp)	Conference	05/05/2026 00:00:00	10.1109/nqcomp68334.2026.11497708
61	Sriramkumar Ravindran;Mude Nagarjuna Naik;Rakshita Rajan;Mithaguru;Vegi Fernando Alphese Fernando;Joshuva Arockia Dhanraj	Explainable Quantum-Enhanced Federated Learning Framework for Real-Time Cardiovascular Risk Assessment	2026 International Conference on Next-Gen Quantum and Advanced Computing: Algorithms, Security, and Beyond (NQComp)	Conference	05/05/2026 00:00:00	10.1109/nqcomp68334.2026.11497695

62	Sugandha Saxena;Vegi Fernando Alphese Fernando;Mithaguru;Rakshita Rajan;Joshuva Arockia Dhanraj;Sriramkumar Ravindran	XAL-Net: A Hybrid Xception-Based Deep Learning Framework with LeakyReLU Activation for Robust Classification of Oral Squamous Cell Carcinoma	2026 International Conference on Next-Gen Quantum and Advanced Computing: Algorithms, Security, and Beyond (NQComp)	Conference	05/05/2026 00:00:00	10.1109/nqcomp68334.2026.11497694
63	Vegi Fernando Alphese Fernando	High-Performance Federated Architectures for Time-Series Forecasting in Next-Generation Smart Grids	2026 International Conference on Next-Gen Quantum and Advanced Computing: Algorithms, Security, and Beyond (NQComp)	Conference	05/05/2026 00:00:00	10.1109/nqcomp68334.2026.11497637
64	Rakesh B;Akkihebbal Bhargava Surya;Bharath C;Sugandha Saxena;Abdul Haq Nalband;Pradeep Kumar Krishnamurthy;Rakesh B;Akkihebbal Bhargava Surya;Bharath C;Rakesh B;Akkihebbal Bhargava Surya;Bharath C	Proactive Student Risk Identification Using Optimized Random Forest Classification with Synthetic Minority Over-sampling Techniques	2026 IEEE International Conference on AI Engineering and Innovations (AIEI)	Conference	05/05/2026 00:00:00	10.1109/aiei69164.2026.11495584
65	Akshat Agarwal;Hena Basheer;Hemang Singh Sengar;Bahubali Shiragapur;Hanumanth Sastry Sistla;Akshat Agarwal;Hena Basheer;Hemang Singh Sengar	Voice-Based AI-Powered Interview System with Adaptive Interaction: A Novel Approach to Automated Candidate Assessment	2026 World Conference on Computational Science and Technology (WcCST)	Conference	05/05/2026 00:00:00	10.1109/wccst67302.2026.11496096
66	Abis Azam;Vishruth Janardhan;Vignesh B S;Abilash A;Sumit Kumar Yadav	Diabetic Retinopathy Detection using VGG16 and Grad-CAM	2026 IEEE International Conference on AI Engineering and Innovations (AIEI)	Conference	05/05/2026 00:00:00	10.1109/aiei69164.2026.11496936

67	Souvik Ghosh;Amrita Kundu	Performance Analysis of Grover's Algorithm Under Noise: A Simulation-Driven Study with Error Mitigation and Hybrid Bloom–Grover Search	2026 International Conference on Next-Gen Quantum and Advanced Computing: Algorithms, Security, and Beyond (NQComp)	Conference	05/05/2026 00:00:00	10.1109/nqcomp68334.2026.11497722
68	Biswa Mohan Sahoo;Biswa Mohan Sahoo	GridPINN: Stability Estimation in Decentralized Power Systems via Physics-Informed Deep Learning	2026 3rd International Conference on Advancements and Key Challenges in Green Energy and Computing (AKGEC)	Conference	04/30/2026 00:00:00	10.1109/akgec68790.2026.11485688
69	Biswa Mohan Sahoo;Biswa Mohan Sahoo	GLoM: Gated Low-Rank Mixture of Experts for Efficient Transformer FFNs	2026 3rd International Conference on Advancements and Key Challenges in Green Energy and Computing (AKGEC)	Conference	04/30/2026 00:00:00	10.1109/akgec68790.2026.11485836
70	Biswa Mohan Sahoo;Biswa Mohan Sahoo	Energy-Aware Pruning of Tabular Neural Networks Using Econet a Reinforcement Learning Framework	2026 3rd International Conference on Advancements and Key Challenges in Green Energy and Computing (AKGEC)	Conference	04/30/2026 00:00:00	10.1109/akgec68790.2026.11485661
71	Amrita Kundu	Quantum-Classical Integration for Predicting User Engagement in Social Network Advertisements	2026 International Conference on Next-Gen Quantum and Advanced Computing: Algorithms, Security, and Beyond (NQComp)	Conference	05/05/2026 00:00:00	10.1109/nqcomp68334.2026.11497705
72	Lakshmanan Muthusamy;Joshuva Arockia Dhanraj;Sriramkumar Ravindran	Quantum-Resistant Two-Party Integrity Framework for Secure Cloud Storage of Medical Videos	2026 International Conference on Smart Futuristic Technology	Conference	05/12/2026 00:00:00	10.1109/icsft66733.2026.11507706

73	H Hima Bindu;Heeral Agarwal;Jaladhi T;Abdul Haq Nalband;Sugandha Saxena	Predictive Modeling of Malaria and Dengue Outbreaks Using Multi-Modal Machine Learning and Climate-Health Data Integration	2026 IEEE International Conference for Convergence in Computing Technology (I3CTCON)	Conference	05/11/2026 00:00:00	10.1109/i3ctcon68242.2026.11507150
74	Vinutha N;Praveen Posa S;Devanagouda;Gandham Bharathi;Chandan V Reddy;Abdul Haq Nalband	AgriQPro-Quantum Driven Precision Optimization for Smart Agriculture	2026 International Conference on Innovative Trends in Information Technology (ICITIIT)	Conference	05/08/2026 00:00:00	10.1109/icitit68860.2026.11499690
75	Kaviprasath M P;Madhan kumar K M;Jatin Panchal;Hemanth M;Abdul Haq Nalband;Sugandha Saxena	Air Quality Prediction and Pollution Source Detection	2026 7th International Conference on Computational Intelligence and Networks (CINE)	Conference	05/08/2026 00:00:00	10.1109/cine68769.2026.11502968
76	Mithaguru;Vegi Fernando Alphese Fernando	Exploring the Role of Federated Learning and Split Learning in Advancing Healthcare Technology	Communications in computer and information science	Conference	05/01/2026 00:00:00	10.1007/978-981-95-7289-2_12
77	R Vinay;Pradeep Kumar Krishnamurthy;Sugandha Saxena;Lakshmanan Muthusamy	Neuromorphic Computing Environment for Optimized Real-Time Obstacle Detection Using Integrated & Hybrid YOLO-SNN Models with Advanced Simulation	Communications in computer and information science	Conference	05/01/2026 00:00:00	10.1007/978-981-95-7289-2_24
78	Trijal Ranganathan;Ajay Viswanagaraj;Jeyadheep Velayutham;Sugandha Saxena;Lakshmanan Muthusamy;Pradeep Kumar Krishnamurthy	A Residual Learning-Based Hybrid Forecasting Architecture Integrating ARIMA and LSTM for Spatio-Temporal Modeling of Agricultural Yield Prices	Communications in computer and information science	Conference	05/01/2026 00:00:00	10.1007/978-981-95-7289-2_19

79	Sriramkumar Ravindran;Joshuva Arockia Dhanraj;Mithaguru;Mude Nagarjuna Naik;Lakshmanan Muthusamy;Rakshita Rajan	Advances in Blockchain-Enabled Deep Learning for Privacy- Preserving Chest X-Ray Diagnosis: Emerging Trends in Federated, Edge, and Explainable AI	Communications in computer and information science	Conference	05/01/2026 00:00:00	10.1007/978-981-95-7289-2_15
80	Hairunesa Beevi	Stroke Vision: A Deep Learning Approach for Stroke Identification	2026 Third International Conference on Networking and Communications (ICNWC)	Conference	05/19/2026 00:00:00	10.1109/icnwc68145.2026.1151 8094
81	Sriramkumar Ravindran;Lakshmanan Muthusamy	Framework for Privacy-Preserving Synthetic Medical Image and Report Generation	2026 1st International Conference on Emerging Trends in Advancements and Applications of Computational Intelligence Techniques (ETA ACT	Conference	06/03/2026 00:00:00	10.1109/etaact69135.2026.1154 1952
82	Sriramkumar Ravindran;Lakshmanan Muthusamy	AI-Enabled Women Safety Surveillance with Instant Incident Prediction and Emergency Dispatch	2026 1st International Conference on Emerging Trends in Advancements and Applications of Computational Intelligence Techniques (ETA ACT)	Conference	06/03/2026 00:00:00	10.1109/etaact69135.2026.1154 1357
83	Joshuva Arockia Dhanraj;Sriramkumar Ravindran;Lakshmanan Muthusamy	SESAN: A Self-Evolving Sparse Attention Network for High- Precision Human Activity Recognition	2026 1st International Conference on Emerging Trends in Advancements and Applications of Computational Intelligence Techniques (ETA ACT	Conference	06/03/2026 00:00:00	10.1109/etaact69135.2026.1154 2128

84	Joshuva Arockia Dhanraj;Lakshmanan Muthusamy	Blockchain-Augmented Federated Learning for Secure and Healthcare Diagnosis from Distributed Electronic Health Records	2026 1st International Conference on Emerging Trends in Advancements and Applications of Computational Intelligence Techniques (ETA ACT	Conference	06/03/2026 00:00:00	10.1109/etaact69135.2026.11541890
85	Sriramkumar Ravindran;Joshuva Arockia Dhanraj	Multimodal Zero-Shot Reasoning Framework for Real-Time Edge Intelligence in Safety-Critical Systems	2026 1st International Conference on Emerging Trends in Advancements and Applications of Computational Intelligence Techniques (ETA ACT	Conference	06/03/2026 00:00:00	10.1109/etaact69135.2026.11541721
86	Lakshmanan Muthusamy	A Deep Learning–Based Intelligent Fault Detection Framework for DC and AC Side Faults in PV–Wind Hybrid Microgrids	2026 1st International Conference on Emerging Trends in Advancements and Applications of Computational Intelligence Techniques (ETA ACT)	Conference	06/03/2026 00:00:00	10.1109/etaact69135.2026.11542172
87	Lakshmanan Muthusamy	Hybrid Fuzzy–ANN Voltage Control for Solar–Wind EV Microgrids	2026 1st International Conference on Emerging Trends in Advancements and Applications of Computational Intelligence Techniques (ETA ACT)	Conference	06/03/2026 00:00:00	10.1109/etaact69135.2026.11541701
88	Lakshmanan Muthusamy	Fuzzy Logic-Based MPPT Control Strategy for Stable EV Charging under Rapid Solar Irradiance Variations	2026 1st International Conference on Emerging Trends in Advancements and Applications of Computational Intelligence Techniques (ETA ACT)	Conference	06/03/2026 00:00:00	10.1109/etaact69135.2026.11541422

89	Sumant Kumar Mohapatra	Hybrid Feature Selection and Classification for EEG-Based Epileptic Seizure Detection Using SMO and Advanced Classification Models	2026 1st International Conference on Emerging Trends in Advancements and Applications of Computational Intelligence Techniques (ETAAct	Conference	06/03/2026 00:00:00	10.1109/etaact69135.2026.11541795
90	Jitendra Kumar Jaiswal	Comparative Predictive Analysis Using ML Algorithms for Patient Readmission Reduction	Communications in computer and information science	Conference	03/24/2026 00:00:00	10.1007/978-981-95-7292-2_11
91	Jitendra Kumar Jaiswal;Sugandha Saxena	Optimizing Supply Chain Efficiency to Determine the Transportation Operation for Beauty Products Using Predictive Analytics	Communications in computer and information science	Conference	03/24/2026 00:00:00	10.1007/978-981-95-7292-2_12
92	Mude Nagarjuna Naik	Analysis of Multi-Scale Feature Aggregation in UNet and UNet++ Architectures for Robust Leukemia Segmentation	2026 9th International Conference on Electronics, Materials Engineering & Nano-Technology (IEMENTech)	Conference	03/18/2026 00:00:00	10.1109/iementech202669403.2026.11434272
93	Pradeep Kumar Krishnamurthy;Vinutha Narayanaswamy;Manjushree T L;Jayavrinda Vrindavanam	Evaluation and Potential Future Advancements in Enhancing Image Resolution with ESRGAN	Lecture notes in networks and systems	Conference	01/02/2026 00:00:00	10.1007/978-981-96-8998-9_27
94	Shruti Nigam;Jayavrinda Vrindavanam Vadakkeparambil	Lightweight Speaker-Aware Separation Using ECAPA Embeddings and DCF-Inspired Masking	Lecture notes in networks and systems	Conference	06/03/2026 00:00:00	10.1007/978-3-032-21966-4_37