



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session

TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
VTS 101	Online Technical Session 01	Day 01 28/11/2025	Slot 1 09:00 am to 01:00 pm	Link-1	Dr. NITIN GOYAL CENTRAL UNIVERSITY OF HARYANA er.nitin29@gmail.com	Dr.NEETU SHARMA Galgotias University, Greater Noida, India neetu.sharma@galgotiasuniversity.edu.in	1	Design and Implementation of a Servo-Actuated Quadruped Robot with Optimized Locomotion Control	Main Track: ICCCA 2025	Vijay Amaresh	CVR College of Engineering
							51	Safety Enhancement for Mountain Climbers Using Energy Harvesting Piezoelectric technology	Main Track: ICCCA 2025	Sanchana L	St. Joseph's College of Engineering, OMR, Chennai
							82	CNN-BASED RETINAL IMAGE CLASSIFICATION FOR ANEMIA DETECTION	Main Track: ICCCA 2025	Haridasula Veeresh	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
							136	Text-based misinformation detection with sequential and convolutional neural networks	Main Track: ICCCA 2025	Preeti Kumari	School of Engineering and Technology, CGC University, Mohali
							146	AI-Driven HR Management in VR : Sentiment Analysis and Adaptive Questioning for Recruitment and Training	Main Track: ICCCA 2025	Soham Pingat	Vishwakarma Institute of Technology,Pune
							259	DCN Analysis Identifies Co-occurring Epitranscriptomic Alterations in Dozens of cancer subtypes	Main Track: ICCCA 2025	Dr.C.ANURADHA	simat
							260	Enhanced Cancer miRNA Biomarker Classification using Hybrid Spatio-Temporal Attention Network (HSTANet) with Efficient Transfer Learning	Main Track: ICCCA 2025	Dr. Soni Singh c	Mangalayatan University
							267	Adaptive Multi-Source Learning Framework for Scalable Healthcare Risk Prediction	Main Track: ICCCA 2025	Dr. Pratibha C. Kaladeep Yalagi	Walchand Institute of Technology Solapur
VTS 102	Online Technical Session 02	Day 01 28/11/2025	Slot 1 09:00 am to 01:00 pm	Link-2	Dr. Vijayant Pawar Bennett University pawarvijayant@gmail.com	Dr.Ashwin Perti Galgotias University, Greater Noida, India ashwin.perti@galgotiasuniversity.edu.in	268	Revolutionizing Disease Diagnosis with AI-Driven Probabilistic Inference and Adaptive Learning Models	Main Track: ICCCA 2025	Dr. Pratibha C. Kaladeep Yalagi	Walchand Institute of Technology Solapur
							271	Automated Detection of Eye Coloboma using Vision Transformers and Explainable AI Techniques	Main Track: ICCCA 2025	Dr. Pratibha C. Kaladeep Yalagi	Walchand Institute of Technology Solapur
							274	Optimized Temporal Multi-Graph Convolution Network for Multi-Attack Intrusion Detection in Mobile Ad Hoc Networks	Main Track: ICCCA 2025	Mohaideen.A	Research Scholar , Anna University
							276	Enhanced Email Crime Detection in Cybersecurity Using an Optimized Pseudo-Hamiltonian Neural Network Framework	Main Track: ICCCA 2025	Indraneel Mukhopadhyay	Amity Institute of Information Technology North 24 Parganas North
							277	IoT-Driven Predictive Maintenance in Industry 4.0 Using Optimized Granger-Inspired GNN and Decision Support System with Big Data	Main Track: ICCCA 2025	Arun Raj S R	University B.D.T College of Engineering, Davanagere, Karnataka
							282	Interpretability in Cardiovascular Diagnostics: Classical Machine Learning vs. Deep Learning	Main Track: ICCCA 2025	Saroj Kumari	Mangalayatan University, Aligarh, U.P.
							327	Enhancing Medicinal leaf Classification under Noise with DenseNet-201	Main Track: ICCCA 2025	Rahulpreet Singh	Dr. B. R. Ambedkar National Institute of Technology, Jalandhar



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session											
TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
VTS 103	Online Technical Session 03	Day 01 28/11/2025	Slot 1 09:00 am to 01:00 pm	Link-3	Dr. NEHA THAKUR Galgotias University, Greater Noida, India nehatakur@galgotiasuniversity.edu.in	Dr. Tayyab Khan IIIT SONEPAT tayyabkhan.cse2012@gmail.com	334	Quantum-Safe and AI-Augmented Blockchain Voting System Using Post-Quantum Cryptography and Federated Anomaly Detection	Main Track: ICCCA 2025	Sushant V	Hindustan Institute of Technology and Science
							430	BioRNN-FL: Federated Bio-Inspired Recurrent Neural Networks for Accurate Load Forecasting in Decentralized Smart Energy Grids	Main Track: ICCCA 2025	Ravi Kumar Saidala,	School of Engineering and Technology, CMR University, Bangalore, INDIA,
							431	NeuroFuzzy-SecComm: A Neuro-Fuzzy Self-Evolving System for Secure Communication and Energy Optimization in Next-Gen 6G IoT Networks	Main Track: ICCCA 2025	Ravi Kumar Saidala,	CMR University, Bangalore, INDIA
							437	Federated Learning-Based IoT in Smart Agriculture: Trends, Challenges, and Future Prospects	Main Track: ICCCA 2025	Vaidehi Verma	NIT,Rourkela
							477	Personalized 3D-Printed Prosthetic Finger for Enhanced Mobility	Main Track: ICCCA 2025	Prashant Bansode	Vishwakarma Institute of Technology, Pune
							482	A Hybrid Learning Recommendation Framework Integrating Semantic Retrieval and LLMs	Main Track: ICCCA 2025	Archana Chougule	Dr. J. J. Magdum College of Engineering, Jaysingpur
							520	Deep Learning-Based Automation of Ground Truth Labeling in LiDAR Point Clouds	Main Track: ICCCA 2025	Mukesh Kumar Verma	Motilal Nehru National Institute of Technology, Allahabad-211004, Uttar Pradesh, India
							525	"Evaluating Machine Learning Models for IIoT Driven Predictive Maintenance Using NASA C-MAPSS Dataset	Main Track: ICCCA 2025	Dimple Kapoor	Chitkara University Institute of Engineering & Technology, Chitkara University, Punjab, India
VTS 104	Online Technical Session 04	Day 01 28/11/2025	Slot 1 09:00 am to 01:00 pm	Link-4	Dr.PRAKASH ANAND Galgotias University, Greater Noida, India prakash.anand@galgotiasuniversity.edu.in	Dr.Shashank Srivastav Buddha Institute Of Technology, Gorakhpur shashank07oct@gmail.com	572	A STUDY & ANALYSIS OF LOW POWER PHASE LOCKED LOOP DESIGN	Main Track: ICCCA 2025	G VIMALA	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH
							604	A predictive framework for diagnosing thyroid disorders utilizing Ensemble, Deterministic and Probabilistic classifiers	Main Track: ICCCA 2025	AROCKIA JAYADHAS	Saveetha Institute of Medical And Technical Sciences
							644	SVM Outperforms Conventional Models for Rainfall Forecasting: A Machine Learning Perspective	Main Track: ICCCA 2025	D Mohammed Zilani	G Pullaiah College of Engineering and Technology
							649	Machine Learning in Cardiology: Assessing Model Reliability for Real world Deployment	Main Track: ICCCA 2025	KAMATHAM SAI DIVYA	Ravindra College of Engineering for Women
							681	Federated Learning and Blockchain for Predictive Healthcare	Main Track: ICCCA 2025	BARANIDHARAN A	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session

TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
VTS 105	Online Technical Session 05	Day 01 28/11/2025	Slot 1 09:00 am to 01:00 pm	Link-5	Dr. AVJEET SINGH Galgotias College of Engineering and Technology avjeet.singh@galgotiacollege.edu	Dr.SUVEG MOUDGIL Galgotias University, Greater Noida, India suveg.moudgil@galgotiasuniversity.edu.in	717	An Explainable Transfer Learning Framework for Breast Cancer Histopathology Classification Using CNNs	Main Track: ICCCA 2025	Sri Darshan M	SRM UNIVERSITY
							742	Stock Price Prediction Using BiLSTM and Technical Indicators: A Deep Learning Framework for Power Grid Forecasting	Main Track: ICCCA 2025	C V SATHEESH KUMAR	G PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY
VTS 106	Online Technical Session 06	Day 01 28/11/2025	Slot 1 09:00 am to 01:00 pm	Link-6	Dr. ADITYA DEV MISHRA BENNETT UNIVERSITY, GREATER NOIDA aditya2aug@gmail.com	Dr.Shivani Joshi Galgotias University, Greater Noida, India shivanijoshi@galgotiasuniversity.edu.in	845	Analyzing Dead Code Elimination Techniques for Green and Efficient Web Applications	Main Track: ICCCA 2025	Vivek Kumar, Ankit Jangid, Yash Gehlot	SVKM's MPSTME NMIMS
							883	PERFORMANCE ANALYSIS ON FAKE USER PROFILE DETECTION IN SOCIAL MEDIA	Main Track: ICCCA 2025	Ms.R.Sasikala	Karpagam College of Engineering
							898	Multi-Asset Portfolio Rebalancing Using Proximal Policy Optimization and Scenario-Based Tail Risk Simulation Techniques	Main Track: ICCCA 2025	R Saravanakumar	Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Saveetha
							984	Identification of Fault Detection in IoT using Machine Learning: The Framework for Analysis of Time-Series based Industrial Monitoring	Main Track: ICCCA 2025	P MAHESWARI	VALLIAMMAL COLLEGE FOR WOMEN
							1021	A Novel Approach to Emergency Infrastructure Monitoring via Digital Twin Technology: Building Disaster-Resilient Edge-Cloud Computing	Main Track: ICCCA 2025	SUMALATHA	KRISTU JAYANTI COLLEGE
							1058	Preventing Drunken Drive Scenario using an Automatic Engine Locking System	Main Track: ICCCA 2025	KISHORE G E	VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
							1112	Natural Language Processing for Multilingual and Low-Resource Languages	Main Track: ICCCA 2025	J. Karthikeyan	National College (Autonomous)
							1133	Graph-Structured Narrative Summarization in Video: Techniques, Benchmarks, and Future Directions	Main Track: ICCCA 2025	SINDHUJA K	EASA COLLEGE OF ENGINEERING AND TECHNOLOGY
VTS 107	Online Technical Session 07	Day 01 28/11/2025	Slot 1 09:00 am to 01:00 pm	Link-7	Dr. RAVI KUMAR Galgotias University, Greater Noida, India ravikumar@galgotiasuniversity.edu.in	Dr. RAVI KUMAR Galgotias University, Greater Noida, India ravikumar@galgotiasuniversity.edu.in	1161	Autonomous Agri-rover for Plantation using Virtual Grid Method	Main Track: ICCCA 2025	Akhil M B	Mangalore Institute of Technology & Engineering, Moodbidri
							1304	Enhancing Customer Churn Analysis in E-Commerce Platforms through Federated Learning: A Data-Centric Approach	Main Track: ICCCA 2025	Senthil Pandi S	Easwari Engineering College, Chennai
							1305	Attention-Enhanced Few-Shot Prototypical Network for Indian Sign Language Recognition	Main Track: ICCCA 2025	Shafaque Aziz	Jamia Millia Islamia New Delhi
							1702	Hybrid Machine learning strategies to boost Energy Efficiency in 5G networks	Main Track: ICCCA 2025	LAKSHMI PRIYA J	SAVEETHA ENGINEERING COLLEGE
							1742	FlashShare: Delivery of Secure and Storage-Free Web Content	Main Track: ICCCA 2025	Ashutosh Sharan	Chandigarh University, Mohali, Punjab



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session

TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
							1918	Unified Pose and Face Detection in Fitness Tracking	Main Track: ICCCA 2025	Mridul Sharma	Chandigarh University
							1935	Ensuring Data Coherence across Enterprise Systems and AI	Main Track: ICCCA 2025	Raziullah Khan	Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal, India
							1989	Efficient VLSI Architecture Design using Parallel Processing for Image Haze Removal Approach	Main Track: ICCCA 2025	Harish Babu Gade	CVR College of Engineering
VTS 107	Online Technical Session 07	Day 01 28/11/2025	Slot 1 09:00 am to 01:00 pm	Link-7	Dr.VIJAY KUMAR YADAV Indira Gandhi Delhi Technical University for Women, New Delhi-110006 vijaykumar@igdtdw.university.edu.in	Dr.SUNIL JORWAL Galgotias University, Greater Noida, India sunil.jorwal@galgotiasuniversity.edu.in	2020	Graphene-Based THz Antennas for Explosive Detection and 6G Applications	Main Track: ICCCA 2025	Gurjeevan Singh	Thapar Institute of Engineering and Technology, Patiala, Punjab
							2029	A Multimodal Explainable Customer Churn Prediction Framework Using Late Fusion and Counterfactual Explanation and Reasoning	Main Track: ICCCA 2025	Vikaash T	Velammal College Of Engineering And Technology
							2097	ENHANCED AI-DRIVEN CUSTOMER SERVICE THROUGH NLP: AN INNOVATIVE MODEL FOR INTENT RECOGNITION	Main Track: ICCCA 2025	Alok Kumar Srivastava	Mangalayatan University
							2153	Parallel Processing based Symmetric 2D FIR Filter Architecture using Approximate Computations for Image Processing Applications	Main Track: ICCCA 2025	Venkata Krishna Odugu	CVR College of Engineering
							2276	Performance Evaluation of a Slotted Circular Patch Antenna for Wi-Fi Applications	Main Track: ICCCA 2025	KAVITHA M	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
							1756	YOLO-LiteSeg: A Lightweight Defect Segmentation Model for Wind Turbine Blades with Feature Fusion	Main Track: ICCCA 2025	Shihan Yao	University of Science and Technology Beijing
							417	Arduino-Based Robotic Arm Controlled via Bluetooth	Track 1: Industry 5.0 Applications for Sustainability	Praveen Kumar Malik	School of Electronics and Electrical Engineering, Lovely Professional University,
							757	Li-Fi Based Vehicle to Vehicle Communication System for Enhanced Road Safety	Track 1: Industry 5.0 Applications for Sustainability	Sangeetha R ,Josephine Pon Gloria J	SRM Madurai College for Engineering and Technology, Vel Tech Rangarajan Dr. Sagunthala
VTS	Online Technical	Day 01	Slot 1 09:00 am	Link-8	Dr. OMKAR YADAV National Institute of Technology Durgapur West	Dr. KRISHAN VEER SINGH Galgotias University, Greater Noida, India	852	The Role of Resilience in Supply Chain Transformation Moving From Green to Regenerative	Track 1: Industry 5.0 Applications for Sustainability	Mr.Mahesh G Bhagat	Indira Global School of Business
							1038	Implementation of Quantum State Encodings for Accelerated Pattern Recognition in High-Dimensional Visual Data: A Quantum Perspective on Image	Track 1: Industry 5.0 Applications for Sustainability	KARPAGAM P	DHANALAKSHMI COLLEGE OF ENGINEERING
							1044	Create a VLSI-based Sensor Interface Architecture: Acquire AI-Powered Wearable Health Monitoring in Real-Time	Track 1: Industry 5.0 Applications for Sustainability	Aliaa Burqan	ZARA UNIVERSITY
							1270	A Simulation-Based Digital Twin Framework for Predictive Maintenance of DC Motors	Track 1: Industry 5.0 Applications for Sustainability	Raghav Sharma	Navrachana International School, Vadodara



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session

TS ID	Session No.	Day / Date	Slot 09:00 am to 01:00 pm	Link Link-8	External Session Chair Technology Durgapur, west Bengal, India oyadav.ee@nitdgp.ac.in	Internal Session Chair Noida, India krishan.singh@galgotiasuniversity.edu.in	Paper ID	Title	Track	Presenter	Presenter Affiliation
108	Technical Session 08	28/11/2025	Slot 09:00 am to 01:00 pm	Link-8	External Session Chair Technology Durgapur, west Bengal, India oyadav.ee@nitdgp.ac.in	Internal Session Chair Noida, India krishan.singh@galgotiasuniversity.edu.in	1363	Automated, Secure and Transparent Millet Supply Chain Framework Using Blockchain, IoT and Smart Contracts	Track 1: Industry 5.0 Applications for Sustainability	Suchit Kumar Singh	Central University of Odisha, Koraput, India
							1849	Design and Performance Evaluation of a Non-Dispersive Infrared CO2 Sensor for Monitoring Indoor Air Quality	Track 1: Industry 5.0 Applications for Sustainability	Dr. Bablu Kumar Singh	Pandit Deendayal Energy University, Gandhinagar, Gujarat
							7	OptiPredict: Innovative Eye Health Monitoring Using Deep Learning	Track 2: Applications of AI and ML in Power	Palash Joshi	Vishwakarma Institute of Technology ,Pune
							31	PR Aggregation with Protection and Reliability Conscious System for Securing Natural IoT Systems	Track 2: Applications of AI and ML in Power	Dr.M.Misba	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
VTS 109	Online Technical Session 09	Day 01	Slot 1 09:00 am to 01:00 pm	Link-9	Dr. SHAJAHAN BASHEER JAIN (DEEMED TO-BE UNIVERSITY) BANGALORE bshajahan001@gmail.com	Dr. SANTOSH KUMAR Galgotias University, Greater Noida, India kumar.santosh@galgotiasuniversity.edu.in	44	Safe flow An IOT based toxic gas detector	Track 2: Applications of AI and ML in Power	Balaji E	St Joseph's College of Engineering Chennai
							330	Real Time Fitness and Diet Tracking System	Track 2: Applications of AI and ML in Power	Deepak Verma	Amity University Lucknow
							398	Prediction and Analysis of Crime Hotspot Using Machine Learning	Track 2: Applications of AI and ML in Power	Aditya Srivastava	Amity School of Engineering and Technology AUUP, Lucknow
							428	Application of AI and ML Techniques in Power Electronics: A Novel Framework for Intelligent Control, Optimization, and Fault Detection	Track 2: Applications of AI and ML in Power	Dr.S.Kaliappan	Department of Electrical and Electronics Engineering, Kumaraguru College of
							817	AI-Driven Smart Grid Fault Diagnosis Using Federated Learning and Edge Computing in IoT-based Power Systems	Track 2: Applications of AI and ML in Power	Ayushi	Chandigarh group of College, Landran, Punjab
							1811	A Novel LLM-AI Based Automation Framework for High Frequency Wireless Power Transfer Design	Track 2: Applications of AI and ML in Power	Khalifa Aliyu Ibrahim	Cranfield University
							1897	Live Attendance System Using Face Recognition	Track 2: Applications of AI and ML in Power	Manish Rajbanshi	Parul Institute of Engineering and Technology
							429	Symbiotic Artificial Intelligence Twin Framework for Circular Manufacturing: A Sustainability-Led Industry 5.0 Framework	Track 3: Power Supplies for Datacenters,	Mr Rathnavel P	Sri Sairam Institute of Technology
							905	Comparative Analysis of ZSI and qZSI Topologies for Power Electronics Applications	Track 3: Power Supplies for Datacenters,	KIRAN RATHORE	JODHPUR INSTITUTE OF ENGINEERING & TECHNOLOGY
							1860	Dual Band Microstrip Patch Design for high speed and high resolution medical Applications	Track 3: Power Supplies for Datacenters,	Keniya Roy	Chandigarh University
							26	Optimizing Graph Neural Network Architectures with Swarm Intelligence for Improved Skin Cancer Detection	Track 4: Artificial Intelligence and Soft Computing in	Parul Datta	Chandigarh University



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session

TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
VTS 110	Online Technical Session 10	Day 01 28/11/2025	Slot 1 09:00 am to 01:00 pm	Link-10	Dr. SWATI SHARMA KIET Group of Institutions swatish.3006@gmail.com	Dr. VINOD KUMAR Galgotias University, Greater Noida, India vinod.scse@galgotiasuniversity.edu.in	27	Nature-Inspired Hyperparameter Optimization for Liquid Neural Networks in Skin Allergy Prediction	Track 4: Artificial Intelligence and Soft Computing in	M Chandra Sekhar	SR University
							28	Adaptive Liver Cancer Prediction Using Liquid Neural Networks and Multi-Modal Clinical Data	Track 4: Artificial Intelligence and Soft Computing in	Vema Lakshmi Sowjanya	Lendi Institute of Engineering and Technology
							47	AI-Powered Hybrid Autonomous Self-Navigating Vehicle With Adaptive Terrain Detection And Speed Control	Track 4: Artificial Intelligence and Soft Computing in	OVIYAVARSHINI R	St.Joseph's College of Engineering Chennai , India
							67	Next-Gen Species Recognition: Attribute-Based Zero-Shot Learning Techniques and Trends	Track 4: Artificial Intelligence and Soft Computing in	Swetha Kalavala	SR University
							308	Detecting Credit Card Fraud (CCF) Using Various Machine Learning (ML) Algorithms	Track 4: Artificial Intelligence and Soft Computing in	Jignesh Khandare	Pillai College Of Engineering New Panvel
VTS 111	Online Technical Session 11	Day 01 28/11/2025	Slot 1 09:00 am to 01:00 pm	Link-11	Dr. Ninni Singh Madan Mohan Malaviya University of Technology Gorakhpur Uttar Pradesh nscse@mmmut.ac.in	Dr. PRATIBHA YADAV Galgotias University, Greater Noida, India pratibha.yadav@galgotiasuniversity.edu.in	448	Automated Attendance Monitoring Using Group Photo-Based Face Recognition: A Deep Learning Approach for Educational Institutions	Track 4: Artificial Intelligence and Soft Computing in	Abhinav Garlapati	VRSEC
							494	URL Based Phishing Detection Using CatBoost	Track 4: Artificial Intelligence and Soft Computing in	Harshit Yadav	Manipal University Jaipur
							497	Enhanced Classification Model for Plant Disease Prediction Using MobileNet with Squeeze-and-Excitation and Channel Attention	Track 4: Artificial Intelligence and Soft Computing in	Ramya D	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
							605	Intersection of AI and Quantum Computing in Enabling 6G	Track 4: Artificial Intelligence and Soft Computing in	Aryan Joshi and Dhuv Vyas	Manipal University Jaipur
							669	Smart Agriculture: Harnessing Machine Learning for Plant Disease Detection	Track 4: Artificial Intelligence and Soft Computing in	Shivali Amit Wagle, Garima Shukla	Symbiosis Institute of Technology, (Pune Campus), Symbiosis International, Deemed
							670	Facial Expression Recognition and Deep Learning: Revolutionizing Personalized Music Therapy	Track 4: Artificial Intelligence and Soft Computing in	Shivali Amit Wagle, Garima Shukla	Symbiosis Institute of Technology, (Pune Campus), Symbiosis International Deemed
							914	Automated Email Response System using GPT4o Model	Track 4: Artificial Intelligence and Soft Computing in	Dipti Theng, Aarush Jain	Symbiosis Institute of Technology Pune
							1023	Novel Immutable Data Provenance in Embedded Systems: Integrating Critical Infrastructure Auditability and Monitoring via Anonymous Blockchain	Track 4: Artificial Intelligence and Soft Computing in	K.Kalaiselvi	SRM Institute of and Science and Technology
							1059	Explainable Deep Learning: A CNN-LIME Hybrid Framework for PCOS Detection	Track 4: Artificial Intelligence and Soft Computing in	Pravina Sri S	Velalar College of Engineering and Technology
							1080	Application AI-Powered Cybersecurity for Electric Motor Vehicles: Real-Time Intrusion Prevention Using Deep Learning Models in In-Vehicle Networks	Track 4: Artificial Intelligence and Soft Computing in	MANIKANDAN	Dr.Mahalingam College of Engineering and Technology



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session

TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
VTS 112	Online Technical Session 12	Day 01 28/11/2025	Slot 1 09:00 am to 01:00 pm	Link-12	Dr. SAURABH KUMAR Institute of Engineering and Rural Technology (IERT), Prayagraj saurabh@iert.ac.in	DR. RAM SEWAK SINGH Galgotias University, Greater Noida, India ramsewak.singh@galgotiasuniversity.edu.in	1144	MockMate: An AI-Driven Real-Time Interview Assessment System Using Emotion and Sentiment Analysis	Track 4: Artificial Intelligence and Soft Computing in	Shriram R	Velammal college of engineering and technology, Madurai.
							1157	Smart Travel Security Framework: AI-Driven Solutions for Threat Detection in IoT-Enabled Mobility Systems	Track 4: Artificial Intelligence and Soft Computing in	Chintham Sandeep	SR University
							1158	From Principles to Practice: Integrating Business-Driven IoT Security with AI and Edge Encryption Protocols	Track 4: Artificial Intelligence and Soft Computing in	Chintham Sandeep	SR University
							1167	Machine Learning Techniques for Real-Time Anomaly Detection in Network Traffic	Track 4: Artificial Intelligence and Soft Computing in	Dr. Kismat Chhillar	Bundelkhand University, Jhansi
							1410	Deep Learning-Based Mesothelioma Diagnosis: Combining CNNs and Transformers for Early Detection from CT & Histopathology Images	Track 4: Artificial Intelligence and Soft Computing in	Dr. S. P. Santhoshkumar	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
							1426	A Robust Machine Learning Model Selection for Intrusion Detection and Threat Mitigation to Improve Network Security	Track 4: Artificial Intelligence and Soft Computing in	Kamini Sharma	P P Savani University
VTS 113	Online Technical Session 13	Day 01 28/11/2025	Slot 1 09:00 am to 01:00 pm	Link-13	Dr. RICHA MISHRA UNIVERSITY OF ALLAHABAD richa_mishra@allduniv.ac.in	Dr.R.Ashok Galgotias University, Greater Noida, India r.ashok@galgotiasuniversity.edu.in	1495	VISION CROWD: AUTOMATED CROWD MONITORING AND ANALYSIS THROUGH AI	Track 4: Artificial Intelligence and Soft Computing in	SANJAY S	KIT - KALAINARKARUNANIDHI INSTITUTE OF TECHNOLOGY
							1651	Smart AI Assistance System for Safer Driving Experiences	Track 4: Artificial Intelligence and Soft Computing in	K. Omkar	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology
							1844	Energy Efficient Multichain Protocol for Wireless Sensor Networks	Track 4: Artificial Intelligence and Soft Computing in	Sangeeta Kumari	Maharana Pratap Engineering, Kanpur
							1846	Intelligent Fraud Detection in Financial Transactions Using Isolation Forest and PCA	Track 4: Artificial Intelligence and Soft Computing in	Harinder Singh	Chandigarh University
							2009	AI at the Crossroads of Energy and Ethics: The PAT Framework for Risk Assessment in Petroleum Operations	Track 4: Artificial Intelligence and Soft Computing in	Abu Sayeed	China University of Petroleum, Beijing
							2115	Design and Analysis of a Meandered U-slot Microstrip Patch Antenna with Rectangular DGS for Use in Multiple Bands	Track 4: Artificial Intelligence and Soft Computing in	ANKIT KUMAR	Chandigarh University,Mohali India
							2178	Diurnal Estimation of Ionospheric Delay and TEC using a Geometry-Free Kalman Filter in Hilly Region of India using NavIC	Track 4: Artificial Intelligence and Soft Computing in	MANISH JAISWAL	Graphic Era Deemed to be University Dehradun
							453	Graph Neural Network Enhanced Drug Property Prediction with BiLSTM and VGG16 for Accelerated Drug Discovery	Track 5: Applications of AI & ML Techniques in	THARUN RAAM A	Panimalar Enginnering College



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session

TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
VTS 114	Online Technical Session 14	Day 01 28/11/2025	Slot 1 09:00 am to 01:00 pm	Link-14	Dr. ANKIT KUMAR JAISWAL School of Engineering, Jawaharlal Nehru University ankitjaiswal@jnu.ac.in	Dr. Amit Kumar Pandey Galgotias University, Greater Noida, India amit.pandey@galgotiasuniversity.edu.in	565	Development of an Adaptive Rover System for Navigation and Mapping in Unstructured Environments	Track 5: Applications of AI & ML Techniques in	Sriram T	RNS Institute of Technology
							586	AI-Enhanced Student Performance Analysis and Improvement System	Track 5: Applications of AI & ML Techniques in	Dr. S. P. Santhoshkumar	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
							598	Human Automatic Trespassing Detection System	Track 5: Applications of AI & ML Techniques in	Divesh Thakur	University Institute of Engineering, Chandigarh University, Punjab, India
							614	Comparative Evaluation of Tabnet and Deep Learning Models for Chronic Kidney Disease Diagnosis: Enhancing Interpretability and Predictive	Track 5: Applications of AI & ML Techniques in	M.Kathiravan	Saveetha Institute of Medical and Technical Sciences (SIMATS)
							627	The Transformational Potential of Quantum Computing in Personalized Healthcare Opportunities and Challenges	Track 5: Applications of AI & ML Techniques in	Narendran.M	Sona College of Technology , Salem
							695	"AI Based Predictive Analysis of Factors Driving Farmers to Middlemen in Agricultural Marketing Systems	Track 5: Applications of AI & ML Techniques in	G.Durga	Periyar Maniammai Institute of Science & Technology
							704	Patch-To-Prediction: Vision Transformers for Weed Detection in Real-World Farming Conditions	Track 5: Applications of AI & ML Techniques in	HANSIKA M J	VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

VTS 115	Online Technical Session 15	Day 01 28/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-1	Dr. SENTHIL KUMAR J KIT-KALIGNARKARUNANI DHI INSTITUTE OF TECHNOLOGY kitsenthilkumarce@gmail.com	Dr.PAWAN KUMAR Galgotias University, Greater Noida, India pawan.kumar3@galgotiasuniversity.edu.in	756	Enhancing Sensor Data Utilization in Industry 4.0 Smart Factories Using SynthNet	Track 5: Applications of AI & ML Techniques in	R Saravanan Kumar	Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Saveetha
							805	"Predicting Customer Purchase Behavior Using Random Forest and Light BGM: An Efficient Ensemble Approach"	Track 5: Applications of AI & ML Techniques in	Mayakannan	Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences(SIMATS),
							823	Modeling and Optimization of Inventory Systems Using Pentagonal Fuzzy Sets	Track 5: Applications of AI & ML Techniques in	Karthic Mohan	Government Thirumagal Mills College, Gudiyattam, (affiliated to Thiruvalluvar University,Serkadu,
							849	Experiments in Crop Yield Estimation using Spatial and Spectral features in case of Ethiopia	Track 5: Applications of AI & ML Techniques in	Mr. Indresh Verma	Institute of Engineering & Technology
							862	Influence of Unorganized Sector Employees on the Growth and Development of Textile Industries in South India: A Machine Learning Approach using	Track 5: Applications of AI & ML Techniques in	Namachivayam Jayanthi	Periyar Maniammai Institute of Science & Technology (Deemed to be University), Thanjavur,
							870	Comparative Study of Large Language Models for Adaptive AI Tutoring Systems	Track 5: Applications of AI & ML Techniques in	Bastin Jerald R	Velammal College of Engineering and Technology
							896	"SafeEats A Smart Dietary Management System for Individuals with Food Allergies and Dietary Restrictions"	Track 5: Applications of AI & ML Techniques in	S.Madhava priya Dharshini	Velammal College of Engineering and Technology,Madurai
							961	Augmenting Medical Imaging Datasets with Synthetic Data for Model Evaluation and Benchmarking	Track 5: Applications of AI & ML Techniques in	Rajeshwari Pradhan	Chandigarh University



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session

TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
VTS 116	Online Technical Session 16	Day 01 28/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-2	DR. G MARIA PRISCILLA Sri Ramakrishna College of Arts & Science mariajerryin76@gmail.com	Dr. SUPRIYA Galgotias University, Greater Noida, India supriya1@galgotiasuniversity.edu.in	1042	Enhancement of a Machine Learning Methodology for Predicting State of Charge and Thermal Safety Monitoring: Electric Vehicle Smart Battery	Track 5: Applications of AI & ML Techniques in	SABITHA	V S B ENGINEERING COLLEGE
							1076	Integrating Transfer Learning and Deep Feature Fusion for High-Accuracy Osteosarcoma Detection in Medical Image Analysis	Track 5: Applications of AI & ML Techniques in	Aakansha Saxena	Ahmedabad University
							1097	Food Label Analysis for Ingredient Extraction and Prediction	Track 5: Applications of AI & ML Techniques in	Aman Rawat	Graphic Era Deemed to be University Dehradun
							1098	Advances in Computer Vision for Public Safety: AI-Powered Video Surveillance	Track 5: Applications of AI & ML Techniques in	Suchi Sharma	DIT University
							1175	PRISM-IWMS: A Privacy-Preserving, Resource-Aware, Incentive-Aligned Digital-Twin Framework for Waste Management System	Track 5: Applications of AI & ML Techniques in	Paramjot Kaur Sarao	Chandigarh University, Punjab
							1211	An empirical investigation into understanding the critical factors influencing customer churn analysis in retail banks using machine learning models	Track 5: Applications of AI & ML Techniques in	Dr Reepu	Chandigarh University
							1265	Integrating CNN2D, BiGRU, and Self-Attention for Robust Demand Forecasting in Perishable Supply Chains	Track 5: Applications of AI & ML Techniques in	V Santhi Swaroopa	Aditya College of Engineering and Technology
							1290	CNN-Driven Hybrid Model for High-Precision Apple Leaf Disease Recognition	Track 5: Applications of AI & ML Techniques in	Deepak Banerjee	Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India
VTS 117	Online Technical Session 17	Day 01 28/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-3	Dr. PRASHANT S. MODI GOVERNMENT ENGINEERING COLLEGE, MODASA (GUJARAT) prashant.modi@gecmodasa.ac.in	Dr. SHIKSHA SINGH Galgotias University, Greater Noida, India shiksha.singh@galgotiasuniversity.edu.in	1291	Combating Banana Crop Losses: A CNN–Random Forest Model for Leaf Disease Classification	Track 5: Applications of AI & ML Techniques in	Deepak Banerjee	Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India
							1292	Deep Learning-Based Inspection of Material Extrusion Defects Using CNN and KNN	Track 5: Applications of AI & ML Techniques in	Deepak Banerjee	Chitkara University
							1294	A Hybrid CNN–SVM Model for Accurate Classification of Orange Leaf Diseases	Track 5: Applications of AI & ML Techniques in	Deepak Banerjee	Chitkara University Institute of Engineering and Technology, Chitkara University Punjab, India
							1295	Deep Feature Learning and Hybrid Classification for Indian Coin Recognition	Track 5: Applications of AI & ML Techniques in	Deepak Banerjee	Chitkara University
							1330	Image Based Multi Class Fault Detection in PV Systems using Deep Learning Model	Track 5: Applications of AI & ML Techniques in	Gangu Dharmaraju	Gandhi Institute of Engineering and Technology University
							1393	Machine Learning-Based Demand Forecasting for Reducing Food Waste in Perishable Supply Chains	Track 5: Applications of AI & ML Techniques in	MD RAISUL ISLAM KHAN	California State Polytechnic University, Pomona
							1646	Machine Learning-Based Prediction of Startup Success and Using Founder's Background and Funding Features.	Track 5: Applications of AI & ML Techniques in	Nagaarjun T V	Velammal College of Engineering and Technology



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session											
TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
VTS 118	Online Technical Session 18	Day 01 28/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-4	Dr. LALIT KUMAR SAGAR SRM INSTITUTE OF SCIENCE AND TECHNOLOGY DELHI NCR CAMPUS MODINAGAR GHAZIABAD lalis@srmist.edu.in	Dr.ARVIND KUMAR Galgotias University, Greater Noida, India arvindkumar@galgotiasuniversity.edu.in	1667	AgroVision: A Deep Learning and Multilingual AI-Powered System for Plant Disease Diagnosis	Track 5: Applications of AI & ML Techniques in	Karthick M	Kalasalingam academy of research and education
							1832	Fashion Products Sales Forecasting	Track 5: Applications of AI & ML Techniques in	Yakshetha N	St Joseph's Institute of Technology
							1833	AI First Aid Recommender: A Smart Artificial Emergency Response System based on Intelligence	Track 5: Applications of AI & ML Techniques in	Vijithaa K J	St.Joseph's Institute of Technology
							768	Emotion Recognition from Speech and Facial Expressions Using Multi-Modal Fusion and Attention-Based Deep Learning Models	Track 6:EdgeAI for Secure Mobility, Action Recognition,	Balaji Mudadla	National Institute of Technology Puducherry,
							1090	A Ratified Ensemble Neural Network Architecture for Early Detection of Autism Spectrum Disorder in Children	Track 6:EdgeAI for Secure Mobility, Action Recognition,	Jinu John	Terna Engineering College,Navi-Mumbai
							1820	IoT-Enabled Real-Time Pedestrian Safety System Using AI for Accident Prevention and Alerting	Track 6:EdgeAI for Secure Mobility, Action Recognition,	Subhojit Ghosh	Chandigarh University
							1309	Dual-Pipeline LSTM Screening for Anxiety and Depression via Video Interviews	Track 14: Advancing Social Good Through	Parvez Rahi	Chandigarh
							2268	Low-Power High-Performance SPST-Based MAC Unit for Edge AI Applications	Track 6:EdgeAI for Secure Mobility, Action Recognition,	Rekhana Sruthi	Centurion University of Technology and Management
VTS 119	Online Technical Session 19	Day 01 28/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-5	DR. AJAY KUMAR GUPTA Allahabad Degree College, University of Allahabad, Prayagraj ajay25g@gmail.com	Dr.C.Ramesh Kumar Galgotias University, Greater Noida, India c.ramesh@galgotiasuniversity.edu.in	611	Federated N-Gram-BERT Framework for Context-Aware Next Word Prediction and Sentence Completion in Privacy-Preserving Intelligent NLP	Track 7: AI-Powered Human-Centric Systems: NLP,	Dr.M.Kathiravan	Saveetha Institute of Medical and Technical Sciences
							765	Leveraging Natural Language Processing for Strategic Insights in Business Process Reengineering	Track 7: AI-Powered Human-Centric Systems: NLP,	Alamelu alias Rajasree. S	Sri Ramakrishna Engineering college, Coimbatore, India
							834	Using Blockchain and AI for Secure Customer Data Handling in Marketing	Track 7: AI-Powered Human-Centric Systems: NLP,	Shruti Sharma	Chandigarh University
							841	AI-Enabled Blockchain as a Tool for Enhancing Corporate Governance and Mitigating Fraud: A Conceptual Framework	Track 7: AI-Powered Human-Centric Systems: NLP,	Ashwin Gedam	Symbiosis Institute of Business Management Pune
							866	Speech-to-Text and Gesture-Integrated Deep Learning System for Inclusive Education of Hearing-Impaired Students	Track 7: AI-Powered Human-Centric Systems: NLP,	K. Selvakumarasamy	Saveetha Institute of Medical and Technical Sciences Chennai
							1142	Deep Learning-Driven Multi-Modal Framework for Robust Traffic Sign and Pothole Detection on Indian Roads	Track 7: AI-Powered Human-Centric Systems: NLP,	YALLA S J V DURGA BHAVANI DEVIKARANI	VIGNAN'S Foundation for Science, Technology & Research (Deemed to be UNIVERSITY),



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session											
TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
							1335	Retrieval-Augmented Generation for Resume Screening using Sentence Transformers	Track 7: AI-Powered Human-Centric Systems: NLP,	Bhavesh Kumar Pidugu	Department of ECE, Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Chennai
							1338	Smart Virtual Wardrobe: AI-Powered Outfit Planner and Style Assistant	Track 7: AI-Powered Human-Centric Systems: NLP,	Preveen S	Velammal College of Engineering and Technology
VTS 120	Online Technical Session 20	Day 01 28/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-6	Dr. VIPUL NARAYAN Madan Mohan Malviya University of Technology, Gorakhpur vipul.upsainian2470@gmail.com	Dr. SARITA SIMAIYA Galgotias University, Greater Noida, India sarita.simaiya@galgotiasuniversity.edu.in	1401	Predicting early Heart attack with Machine Learning Techniques	Track 7: AI-Powered Human-Centric Systems: NLP,	Shujaut Ghulam	Rayat Bahra University
							1419	Retrieval Augmented Generation Model for Dynamic Virtual Assistant	Track 7: AI-Powered Human-Centric Systems: NLP,	Mamidi Sowjikrishna	Amrita Vishwa Vidyapeetham, Amritapuri
							1745	Enhancing Blockchain Financial Security Through DB-BOA Optimization and ADTCN Frameworks	Track 7: AI-Powered Human-Centric Systems: NLP,	Rupanshi Agarwal	Invertis University
							1781	Blockchain Implementation for Luxury Goods Authentication in Multicultural Urban Markets	Track 7: AI-Powered Human-Centric Systems: NLP,	Prasenjeet Samanta	Uttaranchal University
							1862	AI-Driven Multi-Dimensional Trust Framework for Securing VANETs against Blackhole and Greyhole Attacks	Track 7: AI-Powered Human-Centric Systems: NLP,	C Balakumar	Dr.SNS Rajalakshmi College of Arts and Science (Autonomous)
							1906	Analysing Urban Grievances on X (Formerly Twitter) Using NLP: A Framework for Civic Action	Track 7: AI-Powered Human-Centric Systems: NLP,	Isha	Chandigarh University
							2176	The Moderator AI: Classifying Harmful Language in Real-Time	Track 7: AI-Powered Human-Centric Systems: NLP,	Kartik Rupal	Chandigarh University Mohali
							595	Multi-Modal Fusion Networks with Counterfactual Reasoning for Robust Human Action Recognition	Track 8: AI-Powered Cloud Resource Allocation and	Dr. Abhishek Dwivedi, Dr. Ram Kumar Yadav	Manipal University Jaipur
VTS 121	Online Technical Session 21	Day 01 28/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-7	Dr. SWAPNITA SRIVASTAVA Madan Mohan Malviya University of Technology, Gorakhpur sscse@mamu.ac.in	Dr. Shilpy Agrawal Galgotias University shilpy.agrawal@galgotiasuniversity.edu.in	672	Predictive Modeling for Heart Disease Classification Using Machine Learning and Rapid Miner	Track 8: AI-Powered Cloud Resource Allocation and	Aman Tomar	Manipal University Jaipur
							684	Intelligent Cloud Resource Management Using AI-Driven Service Flow and Adaptive Recovery	Track 8: AI-Powered Cloud Resource Allocation and	K.Kavitha	Saveetha school of Engineering
							686	Machine Learning-Based Solar Power Generation Prediction: A Data-Driven Approach	Track 8: AI-Powered Cloud Resource Allocation and	Bharat Gusaiwal	Nims university
							709	Large Scale Website Using Cloud Computing	Track 8: AI-Powered Cloud Resource Allocation and	Shanmukha Appajosyula	Vel Tech Rangarajan Dr. Sagunthala
							719	Advanced Machine Learning Models for Classification and Analysis of Brain Tumours in Magnetic Resonance Imaging (MRI) Scans	Track 8: AI-Powered Cloud Resource Allocation and	Arjan Singh	Suresh Gyan Vihar University, Jaipur



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session

TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
							906	Hybrid Quantum-Classical Convolutional Neural Network (HQC-CNN) for Apple Leaf Disease Classification	Track 8: AI-Powered Cloud Resource Allocation and	Saurabh Srivastava	Moradabad Institute of Technology, Moradabad, India
							907	Quantum-Inspired Neural Encoder (QINE) for Advanced Apple Leaf Disease Detection	Track 8: AI-Powered Cloud Resource Allocation and	Saurabh Srivastava	Moradabad Institute of Technology, Moradabad, India
							1696	FridgeSense: An AI-Powered Solution for Smart Food Tracking and Recipe Planning	Track 8: AI-Powered Cloud Resource Allocation and	SHREEYA D	New Horizon College of Engineering
VTS 122	Online Technical Session 22	Day 01 28/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-8	Dr. PRAMOD KUMAR Central University of Karnataka , Kalaburagi pkumar@cuk.ac.in	Dr. Manu Singh Galgotias University, Greater Noida, India manu.singh@galgotiasuniversity.edu.in	1699	Machine Learning-Based Stroke Risk Prediction Using RapidMiner	Track 8: AI-Powered Cloud Resource Allocation and	Shobhit Sharma	Manipal University Jaipur
							596	Real-Time Tracking and Control in Smart Hydroponics: Advancing Urban Farming Solutions	Track 9: Innovative and Disruptive Technologies:	Maanya Naveen Kumar,Chinmayi G,Gaayana G R	B.N.M. Institute of Technology
							1003	The implementation of Real-Time Internet of Things for Secure and Validated Asset Tracking: Blockchain-Based Supply Chain Communication	Track 9: Innovative and Disruptive Technologies:	M Harshini	MLR Institute of Technology
							1108	Understanding Superintelligence Risks: Geoffrey Hinton's Warning in Perspective	Track 9: Innovative and Disruptive Technologies:	Bharat Gusaiwal	Nims university
							1684	A 2D FDTD Simulation Framework for Depth- Gated Mid-Infrared Photoacoustic Glucose Sensing	Track 9: Innovative and Disruptive Technologies:	Dinesh S	Velalar College of Engineering and Technology
							789	Runtime Threat Mitigation in Kubernetes Using Falco, Falcosidekick, and Kyverno: An Automated Pod Deletion Approach	Track 10: Innovations in Information Security,	Aditya Mohan Shenoy	PES University
							824	Flow-based Behavioral Analysis with Machine Learning for SSH Lateral Movement Detection	Track 10: Innovations in Information Security,	Shrujanna Muthumanikandan	PES University
							848	Advancing Credit Risk Assessment with Explainable AI and Embedded Learning	Track 10: Innovations in Information Security,	Dr. Ravneet Kaur	CGC UNIVERSITY MOHALI
							958	Privacy-Preserving Intrusion Detection for Cyber-Physical Systems via Federated Learning and Hybrid Knowledge Distillation	Track 10: Innovations in Information Security,	Swetha C.B	Alliance University, Bengaluru
VTS	Online Technical	Day 01	Slot 2 01:00 pm	Link-9	Dr. PRASHANT S. MODI GOVERNMENT ENGINEERING COLLEGE, Galgotias University, Greater	DR. KARPAGA SELVI SUBRAMANIAN Galgotias University, Greater	1041	Constructing AI-Driven Microprocessors for Smart Devices: Integrating On-Chip Intelligence to Boost Cutting-Edge Decision-Making Performance	Track 10: Innovations in Information Security,	KARPAGAM P	DHANALAKSHMI COLLEGE OF ENGINEERING
							1077	Enhancing Cloud Security Using Ciphertext-Policy Attribute-Based Encryption (CP-ABE)	Track 10: Innovations in Information Security,	SAKTHI ROOPAN M and NAGARAJ P	MEPCO SCHLENK ENGINEERING COLLEGE, SIVAKASI
							1086	Enhancement of Cybersecurity with Blockchain-Based Identity Authentication Systems: Zero-information Evidence Procedures for Secure	Track 10: Innovations in Information Security,	SATHIYANDRAKUMAR SRINIVASAN	KALASALINGAM ACADEMY OF HIGHER EDUCATION AND RESEARCH



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session

TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
123	Technical Session 23	28/11/2025	01:00 pm to 05:00 pm	Link-9	MODASA (GUJARAT) prashant.modi@gecmodasa.ac.in	Noida, India karpagaselvi.s@galgotiasuniversity.edu.in					
							1190	Feature Selection Optimization Approach for Machine Learning Models: A Bibliometric Analysis on SCOPUS Journals	Track 10: Innovations in Information Security,	Ramandeep Kumar	Lovely Professional University
							1253	QUANTUM CRYPTOGRAPHIC SIMULATION	Track 10: Innovations in Information Security,	Magalakshmi.M	Panimalar engineering college
							1397	Improving Trust Assessment Through ZTA Adaptation in Cloud Computing Environment	Track 10: Innovations in Information Security,	NISHA ANIYAN	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY
VTS 124	Online Technical Session 24	Day 01	Slot 2 01:00 pm to 05:00 pm	Link-10	Dr.J.NASKATH NATIONAL ENGINEERING COLLEGE , KOVILPATTI naskat@nec.edu.in	Dr. Mujaffar Husain Galgotias University, Greater Noida, India mujaffar.husain@galgotiasuniversity.edu.in	1476	Advancements and Challenges in 3D Mesh Data Hiding: A Survey of Traditional and Machine Learning Techniques	Track 10: Innovations in Information Security,	Amit Verma	Tezpur University Assam
							1575	QASCON: A Four-Layered ASCON Authenticated Encryption Framework for Secure Vehicle-to-Grid (V2G) Networks	Track 10: Innovations in Information Security,	Farzana Kabir	Universitat Oberta de Catalunya
							1654	An Empirical Study of Dark Patterns in Indian Digital Applications	Track 10: Innovations in Information Security,	Nalin Khare	Ramrao Adik Institute of Technology, DY Patil Deemed to be University
							1752	A Hybrid Framework for Phishing Email Detection and Secure Communication Using AI and Blockchain	Track 10: Innovations in Information Security,	Kadiatou Diallo	Lovely Professional University
							1893	Decentralized Defense through Federated Learning for Scalable Network Attack Detection in IoT and IIoT	Track 10: Innovations in Information Security,	SAURAV SUMAN	Amrita Vishwa Vidyapeetham
							1920	Robust image based malware detection using MobileNet and Multilayer Perceptron model	Track 10: Innovations in Information Security,	Dr Sanjeev Kumar	C-DAC Mohali
							1936	Novel Approach: A Proactive Cyber Threat Intelligence Framework using OSINT for Dark Web Surveillance	Track 10: Innovations in Information Security,	Sanjaykumar Labhubhai Ajani	Unitedworld Institute of Technology, Karnavati University, Gandhinagar
							577	"Detecting Re-Entrancy Attacks in Ethereum via Dynamic Tracing"	Track 11: From Data to Imagination: Generative AI and	Preety Jemima P	SRM Institute of Science and Technology
							869	Bridging Astronomical Imagery and Text with Advanced Multi-Modal AI	Track 11: From Data to Imagination: Generative AI and	Mohamed Nawas Paralath	National Bank of Kuwait
							1050	Improve the Real-Time Industrial Inspection and Maintenance: Intelligent Recognition with AI-Powered Object Detection in Augmented Reality (AR)	Track 11: From Data to Imagination: Generative AI and	PAVITHRA M	ST JOSEPHS COLLEGE OF ENGINEERING
							1246	Develop an enhanced AI-based model to predict depression in women.	Track 11: From Data to Imagination: Generative AI and	Soni	Maharishi Markandeshwar (Deemed to be University) Mullana, Ambala,



ICCCA



2025 IEEE 7TH International Conference on Computing, Communication and Automation ICCCA- 2025 (#66364)

Online Technical Session

TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
VTS 125	Online Technical Session 25	Day 01 28/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-11	Dr. ANU RATHEE Maharaja Agrasen Institute of Technology New Delhi anujaglan@gmail.com	Dr. SUDHEER KUMAR SINGH Galgotias University, Greater Noida, India sudheer.singh@galgotiasuniversity.edu.in	1268	A Mathematical Framework for Custom Reward Functions in Job Application Evaluation using Reinforcement Learning	Track 11: From Data to Imagination: Generative AI and	Naren Chittibabu	Department of Computer Science and Engineering Sastra University, Thirumalaisamudram,
							1269	DEEP CONVOLUTIONAL GAN FOR REALISTIC IMAGE GENERATION USING CIFAR-10	Track 11: From Data to Imagination: Generative AI and	Mohammed Imran Y	Sathyabama Institute of Science and Technology
							1972	A Performance-Oriented Study of Fake News Detection using Machine Learning	Track 11: From Data to Imagination: Generative AI and	Karan Goyal	Chandigarh University
							580	A Novel Weighted Averaged Weights Aggregation-based Federated Learning Approach for Malaria Diagnosis	Track 12: Advancements in Artificial Intelligence,	Dr Upendra Pratap Singh	The LNM Institute of Information Technology Jaipur
VTS 126	Online Technical Session 26	Day 01 28/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-12	Dr. RACHIT SRIVASTAVA Bansal Institute of Engineering and Technology Lucknow srivastava.rachit94@gmail.com	Dr. KAVITA Galgotias University, Greater Noida, India kavita@galgotiasuniversity.edu.in	591	HemaX - A CNN-Based Approach for Anemia Detection from Conjunctiva Pallor Images	Track 12: Advancements in Artificial Intelligence,	Sagnik Mazumdar	IIIT Naya Raipur
							815	AI powered AR Application for Education	Track 12: Advancements in Artificial Intelligence,	Dhanushree R R, Gokul R	Kondu Engineering College
							825	Hybrid Soft Computing Techniques for Intrusion Detection Systems: A Comprehensive Review	Track 12: Advancements in Artificial Intelligence,	Akhilesh Prajapati	Lovely Professional University, Punjab
							861	Optimizing Soil Health Using Evolutionary Algorithms: A Study of Multi-Crop Nutrient Uniformity	Track 12: Advancements in Artificial Intelligence,	Dr M Chandraprabha	GITAM University
							894	AI-Based Typing Biometric for Behaviour-Locked Decryption Using Kernel Ridge Regression	Track 12: Advancements in Artificial Intelligence,	Meerashree P	Velammal College of Engineering and Technology
							990	Improving Financial Forecasting Through Hybrid Convolutional-Recurrent-Temporal Models	Track 12: Advancements in Artificial Intelligence,	Dr Upendra Pratap Singh	The LNM Institute of Information Technology Jaipur
							1354	Leveraging Java for Developing Privacy-Preserving and Cross-Platform Machine Learning Applications	Track 12: Advancements in Artificial Intelligence,	Sneha M	Christ university
							1375	Enhanced Breast Cancer Detection Using CMBO-Based Feature Selection with Machine Learning Classifiers	Track 12: Advancements in Artificial Intelligence,	Swathi B	Velammal College of Engineering and Technology
							1561	Pupillary reactivity based facial expression recognition enhanced by reinforcement learning	Track 12: Advancements in Artificial Intelligence,	A.Deepa	Saveetha School of Engineering, SIMATS University
							1668	AI-Based Compiler: A Mobile Application for Intelligent Code Compilation and Assistance	Track 12: Advancements in Artificial Intelligence,	Siddharth P	Kalasalingam academy of research and education



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session

TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
VTS 127	Online Technical Session 27	Day 01 28/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-13	Dr. JANARTHANAN SEKAR JAIN (Deemed-to-be University) jana.mkce@gmail.com	Dr. MANOJ KUMAR TYAGI Galgotias University, Greater Noida, India manoj.tyagi@galgotiasuniversity.edu.in	1878	AI-Augmented Multi-Agent System for Scalable Release Engineering Support	Track 12: Advancements in Artificial Intelligence,	Siddhant Sharma	Adobe Inc.
							2000	CottonCare: A Flutter-Based Mobile Application Leveraging Hybrid ResNet50-VIT Architecture for Enhanced Cotton Leaf Disease Detection	Track 12: Advancements in Artificial Intelligence,	vedha pranava mateti	Amrita Vishwa Vidyapeetham, Bengaluru, India
							2008	Architectural Trade-offs in Transformer Models: A Controlled Grid Search and Complexity Analysis	Track 12: Advancements in Artificial Intelligence,	MD Naeem Hossain	China University of Petroleum, Beijing
							2130	Beyond Duchenne: Multi-Modal Temporal Synchrony for High-Accuracy Genuine Smile Detection	Track 12: Advancements in Artificial Intelligence,	A. Deepa	Saveetha School of Engineering, SIMATS University
							844	Automated Wheelchair Navigation and Health Monitoring through Open- Computer Vision using Raspberry Pi	Track 13: Smart and Sustainable Systems with	Namitha K G	BMS Institute of Technology and Management
							846	Smart Mining: Integrating IoT Sensors and Hybrid Machine Learning for Real-Time Monitoring	Track 13: Smart and Sustainable Systems with	Morris Mkokweza	Copperbelt University
VTS 128	Online Technical Session 28	Day 01 28/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-14	Dr.J.NASKATH NATIONAL ENGINEERING COLLEGE , KOVILPATTI naskat@nec.edu.in	Dr. RUBY DAHIYA Galgotias University, Greater Noida, India ruby.dahiya@galgotiasuniversity.edu.in	885	Bio-compatible CMOS-IC Based Obstacle Detection System Using IoT with ML Integration for Assistive Wearable Devices	Track 13: Smart and Sustainable Systems with	S Maria Alice Kanchan	Christ (Deemed to be) University
							899	Stochastic Temporal Depth Fusion via Dual-Phase Statistical Neural Assimilation for Subsurface Hydrodynamic Inference.	Track 13: Smart and Sustainable Systems with	Krithika Vivekanandan	Vellore Institute of Technology, Vellore
							1956	RELP: Reliable Energy Load Prediction Framework with Nested Cross-Validation and Bootstrap Evaluation	Track 1: Industry 5.0 Applications for Sustainability	Neeraj Sharma	Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad
							1216	An Adaptive Communication Efficient Federated Learning Framework for Edge Intelligence under Resource and Privacy Constraints	Track 13: Smart and Sustainable Systems with	Pushpendra Kumar Sikarwal	Suresh Gyan Vihar University , Jaipur, India
							1273	Evaluating Air Quality with Health Risk Indices Across Indian Metropolitan Cities Using Machine Learning Techniques	Track 13: Smart and Sustainable Systems with	Riya Kashyap	Dayananda Sagar College of Engineering
							1909	A Novel Reinforcement Learning Approach for Smart Scheduling	Track 13: Smart and Sustainable Systems with	Gorantla Samhitha	Amrita Vishwa Vidyapeetham, Bangalore, India
							1914	Real-Time Pothole Detection using Machine Learning	Track 13: Smart and Sustainable Systems with	Nitesh Dani	Ramdeobaba University, Nagpur (Formerly Shri Ramdeobaba College of Engineering and



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session

TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
VTS 201	Online Technical Session 29	Day 02 29/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-1	Dr. MANOJ. WAIRIYA MNNIT, Prayagraj wairyam@mnmit.ac.in	Dr. MUNISH SARAN / Dr. Trapti Srivastava Institute of Engineering and Technology, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur / Galgotias University, Greater Noida, India munishsaran@gmail.com / trapti.srivastava@galgotiasuniversity.edu.in	2154	Predictive Analytics in IoT for Novel Automatic Irrigation System: Unlocking Future Potential	Track 13: Smart and Sustainable Systems with	Neera Chaudhary	Amrita Vishwa Vidyapeetham
							2248	EMERGE of CHATGPT-4 in CPS based IoT Infrastructure-CCI.	Track 13: Smart and Sustainable Systems with	Neera Chaudhary	Amrita Vishwa Vidyapeetham
							809	A Machine Learning Approach to Nadi Pariksha: Detecting Dosha Imbalances	Track 14: Advancing Social Good Through	Dr. Raghav Mehra	Chandigarh University, Mohali, Punjab
							814	Enhancing Credit Card Fraud Detection with Explainable AI: A SHAP-Based Approach	Track 14: Advancing Social Good Through	Nikash	Department of Computer Science and Engineering, UIE Chandigarh University
							893	Attention-Enhanced Hybrid TabNet-CNN Framework for Accurate Diabetes Prediction Using Clinical and Lifestyle Data.	Track 14: Advancing Social Good Through	Nikesh S	Velammal college of Engineering and Technology
							1032	Establishment of Reliability and Enforcing Compliance in Cyber Infrastructures Driven by Blockchain Technology: Protocols for Cybersecurity	Track 14: Advancing Social Good Through	SHANMUGAM N	RMK ENGINEERING COLLEGE
							1060	Artificial Intelligence Applied to Urban Geography: Towards a New Era of Intelligent, Participatory, and Sustainable Territorial Management in Smart Cities	Track 14: Advancing Social Good Through	Marouane mkik or other co-authors	ISPIITS Rabat
VTS 202	Online Technical Session 30	Day 02 29/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-2	SUNIL KUMAR Guru Jambheshwar University of Science & Technology, Hisar (Haryana) sunilkauhik27@gmail.com	Dr. RANJEETA MITTAL Galgotias University, Greater Noida, India ranjeeta.mittal@galgotiasuniversity.edu.in	1100	Exploring the Role of Digital Twins and CPS in the Evolution of Smart Cities	Track 14: Advancing Social Good Through	Akhilesh Chauhan	Graphic Era Deemed to be University
							1127	Deep Learning for Pneumonia Diagnosis: A ResNet Based Study	Track 14: Advancing Social Good Through	Anish Chawla	Vishwakarma Institute of Technology, Pune
							1145	Enhancing Classification Performance for Arrhythmia using Transfer Learning in Deep Neural Networks	Track 14: Advancing Social Good Through	Vishwa Shree S V	Velammal College of Engineering and Technology
							1151	IoT Smart Traffic Control System for Hill Roads with Emergency Vehicle Priority	Track 14: Advancing Social Good Through	Poovithaa M	Velalar College of Engineering and Technology
							1152	IOT INTEGRATED SOLUTION FOR SMART VERTICAL CROP CULTIVATION	Track 14: Advancing Social Good Through	Gowthaman N	VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY
							1185	A Hybrid Framework for Phishing Detection: Integrating Natural Language Processing and GraphBased Machine Learning	Track 14: Advancing Social Good Through	Dr. Saurabh Athalye and Mrs. Sprooha Athalye	Finolex Academy of Management and Technology, Ratnagiri.
							1229	Comparing Machine Learning Models for Health Monitoring Wearable Systems	Track 14: Advancing Social Good Through	Premchand Sharma	Chandigarh University
							1416	Semantic Segmentation of Road Scenes Using Fully Convolutional Networks	Track 14: Advancing Social Good Through	Nancy	Chandigarh University (Student)



2025 IEEE 7TH International Conference on Computing, Communication and Automation
ICCCA- 2025
(#66364)

Online Technical Session

TS ID	Session No.	Day / Date	Slot	Link	External Session Chair	Internal Session Chair	Paper ID	Title	Track	Presenter	Presenter Affiliation
VTS 203	Online Technical Session 31	Day 02 29/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-3	Dr. GUNJAN CHHABRA DEPT. OF CSE, SST, SRHU, DEHRADUN gunjanchhabra@sru.edu.in	Dr.RAVI ANAND Galgotias University, Greater Noida, India ravi.anand1@galgotiasuniversity.edu.in	1598	A Comprehensive Approach to Stroke Prediction using Machine Learning: Integrating Ensemble Learning, SHAP interpretability and Bias Assessment	Track 14: Advancing Social Good Through	DEBOLINA PURKAYASTHA	Chandigarh University
							1603	Real-Time Monitoring System for Anxiety Levels Using Wearable Data and AI	Track 14: Advancing Social Good Through	Hamir Chauhan	Chandigarh University, Mohali
							1649	AI-Enabled Urgency-Based Routing and Food Surplus Allocation Using Dynamic Logistic Optimization	Track 14: Advancing Social Good Through	Jaithun Shifaya B S , Sivanithi P Y	Velammal College of Engineering and Technology, Madurai
							1682	A Domain-Adversarial Approach for Robust and Generalized Blood Cell Classification Across Disparate Datasets	Track 14: Advancing Social Good Through	Gunmay Paul	Sikkim Manipal Institute of Technology
							1784	Fair Price Prediction of Vegetables for Farmers Using Machine Learning	Track 14: Advancing Social Good Through	Deepak Kumar	Jharkhand University of Technology, Ranchi
							1798	CropCare AI: A Smart System for Disease Detection, Pesticide Management, and Seasonal Farming Advisory	Track 14: Advancing Social Good Through	K. Gayathri	Sri Eshwar College of Engineering
							1839	GAN-Assisted Stain Harmonization and Resnet50 Transfer Learning for Multi-Class Breast Cancer Diagnosis	Track 14: Advancing Social Good Through	Sharmishta Jansi S	Kalasalingam University
							1877	Visualization of Data Structures and Algorithms with Dynamic Memory Allocation	Track 14: Advancing Social Good Through	Eileen Maria Tom	CHRIST(Deemed to be University)
VTS 204	Online Technical Session 32	Day 02 29/11/2025	Slot 2 01:00 pm to 05:00 pm	Link-4	Dr. JYOTI PARASHAR Panipat Institute of Engineering and Technology, Panipat, India jyoti.parashar123@gmail.com	DR. PAWAN MISHRA Galgotias University, Greater Noida, India pawan.mishra@galgotiasuniversity.edu.in	1915	Real-Time Attendance Tracking Using Face Recognition with Automated Email Alerts and Analytics Dashboard	Track 14: Advancing Social Good Through	Eswar Sri Sai Bhrugumalla	Velagapudi Ramakrishna Siddhartha Engineering College
							1942	Interpretable AI for Diabetes Prediction with SHAP	Track 14: Advancing Social Good Through	Rhythm Tyagi	Chandigarh University
							524	Real-Time Depression Assessment and Medication Assistance using Artificial Intelligence	Track 5: Applications of AI & ML Techniques in	Koustav Biswas	Dayananda Sagar Academy of Technology and Management
							1178	Reinforcement Learning for Tetris game with Genetic Algorithms	Track 13: Smart and Sustainable Systems with	Koustav Biswas	Dayananda Sagar Academy of Technology and Management
							1111	An Efficient Machine Learning Framework for Fake Job Posting Detection Using LR, ET, and XGBoost	Track 13: Smart and Sustainable Systems with	Karthikeyan TS	Velammal College of Engineering and Technology
							2129	Neuromorphic Computing in Operating System	Track 6: EdgeAI for Secure Mobility, Action Recognition,	Himanshu Pawar, Lehar Nimodiya	SVKM's NMIMS Mukesh Patel School of Technology Management and Engineering,
							1177	Federated Learning Based Explainable Hybrid Framework for Cyber Threat Analysis	Track 10: Innovations in Information Security,	Gayathri	Student at Velammal College of Engineering and Technology