

Ajay Kumar Garg Engineering College, Ghaziabad
Department of Information Technology
IEEE International Conference on Next Generation Information System Engineering
NGISE-2025
Technical presentation Schedule

Technical session	Date	Venue	Time-slot	Paper-id	Paper name	Author name & Affiliation	Mode of Presentation (Online/Offline)
Technical Session-1	28/03/25	Mini Seminar Hall-1	2:30-4:00	84	GreenSweep: A Smart Urban Waste Management System Using IoT	Satyendra Singh (ABESIT GROUP OF INSTITUTIONS ,GHAZIABAD)* Ilyas Ali balti (Abes Institute Of Technology,Ghaziabad) Mohamad Qumail Kazmi (Abes Institute Of Technology,Ghaziabad) Mohd Amaan khan (Abes Institute Of Technology,Ghaziabad) Sandeep Kumar (Abes Institute Of Technology,Ghaziabad)	Offline
Technical Session-1	28/03/25	Mini Seminar Hall-1	2:30-4:00	340	Siamese Networks for Multiple Face-Detection and Identification	Mohammad Arif (Vellore Institute of Technology) rupak kumar (Ajay Kumar Garg Engineering College Ghaziabad)* Anwar Ahamed Shaikh (Koneru Lakshmaiah Education Foundation, Vaddeswaram) Nikhil Kumar (Ajay Kumar Garg Engineering College Ghaziabad) Anupam Saini (Ajay Kumar Garg Engineering College)	Offline
Technical Session-1	28/03/25	Mini Seminar Hall-1	2:30-4:00	271	Speech Audio Analytics based Classification of Human Emotions using Machine Learning and Deep Learning Models	Shaila SG (Dayananda Sagar University) Monish L (Dayananda Sagar University) Sumana SG (Dayananda Sagar University) Pavan Kumar U (Dayananda Sagar University) Shivamma D (Dayananda Sagar University)*	Online
Technical Session-1	28/03/25	Mini Seminar Hall-1	2:30-4:00	56	Analysis Strategies for smFISH Data Using Image Analysis Techniques	JITENDRA KUMAR (ABES Engineering College Ghaziabad)* Jatin Singh (ABES Engineering College Ghaziabad) Navneesh Kumar (ABES Engineering College Ghaziabad) Harsh Tyagi (ABES Engineering College Ghaziabad)	Online
Technical Session-1	28/03/25	Mini Seminar Hall-1	2:30-4:00	36	Exploring Artificial Intelligence & Machine Learning Applications in Structural Engineering Trends and Challenges	RAJAT KISHOR VARSHNEY (GREATER NOIDA INSTITUTE OF TECHNOLOGY)* NAWNEET KUMAR PANDEY (GREATER NOIDA INSTITUTE OF TECHNOLOGY) Achintya Kumar Pandey (Ajay Kumar Garg Engineering College) Amar Singh (IIMT College of Engineering)	Online
Technical Session-1	28/03/25	Mini Seminar Hall-1	2:30-4:00	37	IoT devices attack vectors and its AI/ML solutions	Happy . (The NorthCap University)* Dr. Rita Chhikara (The NorthCap University) Dr. Neeti Kashyap(The NorthCap University)	Online
Technical Session-1	28/03/25	Mini Seminar Hall-1	2:30-4:00	355	Passive Face Liveliness Detection	UMESH GUPTA (Bennett University)* Kanav Arora (Bennett University) Nikunj Gupta (Bennett University) Nilay Gupta (Bennett University) Sehaj K Khurana (Bennett University)	Online

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Technical Session-2	28/03/25	Mini Seminar Hall-2	2:30-4:00	227	Detection of Blackhole and Wormhole Attacks in Wireless Sensor Networks Combined and Compare with Machine Learning and Deep Q-Networks Reinforcement Learning	Barath Ramesh (Saveetha school of engineering)* S. John Justin (Saveetha school of engineering) Thangaraj,	Online
Technical Session-2	28/03/25	Mini Seminar Hall-2	2:30-4:00	415	Data-Driven Crime Detection and Prevention Model for Smart Cities Using Random Forest	Khushi Bansal (Ajay Kumar Garg Engineering College)* Priyanshi Varyani (Ajay Kumar Garg Engineering College) Updesh Jaiswal (Ajay Kumar Garg Engineering College) Ruchira Goel (Ajay Kumar Garg Engineering College)	Offline
Technical Session-2	28/03/25	Mini Seminar Hall-2	2:30-4:00	218	Development of a Raspberry Pi-Based Quadraped Robot with Real-Time Monitoring	Akhil V.M. (Amrita Vishwa Vidyapeetham)* Lalith Kishore J (Amrita Vishwa Vidyapeetham) Ghanashyam Vinod (Amrita Vishwa Vidyapeetham) Manasa V (Amrita Vishwa Vidyapeetham) Vishal K S (Amrita Vishwa Vidyapeetham)	Online
Technical Session-2	28/03/25	Mini Seminar Hall-2	2:30-4:00	225	Deep Learning for Emotional Distress: An Enhanced Hybrid Optimization Model with Ensemble Learning	Nikhil Karale (Sipna College Of Engineering & Technology, Amravati)* Vijay Gulhane (Sipna College Of Engineering & Technology, Amravati)	Online
Technical Session-2	28/03/25	Mini Seminar Hall-2	2:30-4:00	245	Precision in Fraud Detection Involving Credit Card: A Comparative Study of Machine Learning Classifiers	Priyanka Chandani (Bennett University)* Atishay Jain (Bennett University) Kartik Verma (Bennett University) Dhruv Sharma (Bennett University) Daksh Nandal (Bennett University)	Offline
Technical Session-2	28/03/25	Mini Seminar Hall-2	2:30-4:00	436	AI-Driven Forensic Investigation: Automated 3D Reconstruction and Evidence Visualization	Dr.Divya I (Rajalakshmi Institute of Technology) Vybhavi B (New Horizon College) Marimuthu M (Dhaanish Institute of Technology) Suchithra B (Sri Eshwar College of Engineering) Dr.Praveen Rvs (Digital Engineering and Assurance LTIMindtree Limited) Keerthana N V (Velalar College of Engineering and Technology)*	Online
Technical Session-2	28/03/25	Mini Seminar Hall-2	2:30-4:00	308	Adaptive Hybridization of Particle Swarm Optimization and Grey Wolf Optimization	Aakash Sharma (Ajay Kumar Garg Engineering College, Ghaziabad) Aryan Garg (Ajay Kumar Garg Engineering College, Ghaziabad) Saroj Bala (Ajay Kumar Garg Engineering College, Ghaziabad)*	Offline

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Technical Session-3	28/03/25	Main Seminar Hall	2:30-4:00	274	Implementing Large Quantum Boltzmann Machines as Generative AI Models for Dataset Balancing	Salvatore Sinno (Unisys)* Markus Bertl (Unisys) Arati Sahoo (Unisys) Bhavika Bhalgamiya (Unisys) Thomas Groß (Newcastle University) Nicholas Chancellor (Newcastle University)	Offline
Technical Session-3	28/03/25	Main Seminar Hall	2:30-4:00	509	Advancing Digital Services and e-Signature: a Case Study of Azerbaijan	Silvia Lips (Tallinn University of Technology) Rozha Ahmed (Sulaimani Polytechnic University) Dirk Draheim (Tallinn University of Technology) Urfan Mahyaddinova (Tallinn University of Technology) Rahul Sharma (Karlsruhe Institute of Technology)	Offline
Technical Session-3	28/03/25	Main Seminar Hall	2:30-4:00	358	Deep Learning Approach for Emotion Recognition in Children with Autism Spectrum Disorder	Divyanshi Singh (Bennett University) Ananya Srivastava (Bennett University) Harshita . (Bennett University) Riti Kushwaha (Bennett University)* Akanksha Singh (Bennett University) Sonal Kukreja (Bennett Univers	Offline
Technical Session-3	28/03/25	Main Seminar Hall	2:30-4:00	711	On Choosing the Columnar In-Memory Database Hyrise as High-Performant Implementation Platform for the Grandreport Tool	Sijo Arakkal Peious (Tallinn University of Technology Tallinn, Estonia)* Minakshi Kaushik (Karlsruhe Institute of Technology) Mahtab Shahin (Tallinn University of Technology) Rahul Sharma (AKGEC College) Dirk Draheim (Tallinn University of Technology Tallinn, Estonia)	Offline
Technical Session-3	28/03/25	Main Seminar Hall	2:30-4:00	529	Assessing the academic grounding of popular digital government rankings	Florian Marcus (TalTech)* Ingrid Pappel (TalTech) Eric Jackson (TalTech)	Online
Technical Session-3	28/03/25	Main Seminar Hall	2:30-4:00	525	Comparative Analysis of Youth Engagement and Interest in e-Government in the EU	Arianna Jater (Tallinn University of Technology)* Florian Marcus (Tallinn University of Technology) Ingrid Pappel (Tallinn University of Technology)	Online
Technical Session-3	28/03/25	Main Seminar Hall	2:30-4:00	541	Improving Organisational Interoperability for e-Governance: A Semantic Model	Mihkel Lauk (Tallinn University of Technology)* Janar Linros (Tallinn University of Technology) Ingrid Pappel (Tallinn University of Technology)	Online
Technical Session-3	28/03/25	Main Seminar Hall	2:30-4:00	504	Leveraging Hashgraph Technology in Pharmaceutical Supply Chains: A Case Study	Rozha Ahmed (Sulaimani Polytechnic University)* Kurdistan Abdullah Khudhur (University of Kurdistan Hewlêr) Aram Mahmood Ahmed (University of Kurdistan Hewler) Shanya Kamal Ahmed (Kurdistan Technical Institute) Rahul Sharma (Ajay Kumar Garg Engineering College)	Offline

Technical session	Date	Venue	Time-slot	Paper-id	Paper name	Author name & Affiliation	Mode of Presentation (Online/Offline)
Technical Session-4	28/03/25	LAB-6	2:30-4:00	286	Emotion Recognition Through Brainwaves Using Deep Learning and Machine Learning	Priyanshu Pallav (Department of Electronics and Communication Engineering, Ajay Kumar Garg Engineering College, Ghaziabad) Karunesh Srivastava (Ajay Kumar Garg Engineering College Ghaziabad)*	Offline
Technical Session-4	28/03/25	LAB-6	2:30-4:00	471	Hybrid Chaotic Pattern Search Algorithm to find optimal features for water potability and hyperparameter tuning for Random Forest Model	V Sidharth (Amrita Vishwa Vidyapeetham)* Palle Venkata Dharaneswara Reddy (Amrita Vishwa Vidyapeetham) B G Rajath Siddarth (Amrita Vishwa Vidyapeetham) Sarada Jayan (Amrita Vishwa Vidyapeetham)	Online
Technical Session-4	28/03/25	LAB-6	2:30-4:00	114	Hybrid SVM and Resonance Neural Network Model for Precision Personality Profiling	JAFAR SATHICK R (Student)* Vinoth R (Nandha Engineering College) Vinitha M (Nandha Engineering College) Mythily V (Nandha Engineering College) D.Vinoparkavi (Nandha Engineering College) Sukumar (Nandha Engineering College) P.	Online
Technical Session-4	28/03/25	LAB-6	2:30-4:00	526	Sentiment Analysis for Product and Organization Reviews using RoBERTa Model	Santosh Kumar (Galgotias University, Greater Noida)* Saurav Pun Magar (Galgotias University, Greater Noida) Abhinav Srivastava (Galgotias University, Greater Noida)	Offline
Technical Session-4	28/03/25	LAB-6	2:30-4:00	334	Integrating YOLO Localization and VGG Classification for Enhanced Brain Tumor Diagnosis	Shyamala N (SSE)* Mahaboob Basha .S (SSE)	Online
Technical Session-4	28/03/25	LAB-6	2:30-4:00	512	A Comparative Study of Traditional and Automated ML Models for Credit Card Fraud Identification	Blesson Sam (Manipal Institute of Technology)* Aditya Kumar (Manipal Institute of Technology) Sindhura D N (Manipal Institute of Technology)	online
Technical Session-4	28/03/25	LAB-6	2:30-4:00	295	Addressing Missing Data in Machine Learning: A Comparative Insights on Imputation Techniques and Classification Accuracy	Alla Ahmad Hassan (Sulaimani Polytechnic University,Sulaymaniyah,Iraq)* Rebwar Khalid Muhammed (Sulaimani Polytechnic University,Sulaymaniyah,Iraq) Aso Mohammed Aladdin (Sulaimani Polytechnic University,Sulaymaniyah,Iraq) Tara Yousif Mawlood (Sulaimani Polytechnic University,Sulaymaniyah,Iraq) Bryar Ahmad Hassan (Sulaimani Polytechnic University,Sulaymaniyah,Iraq) Tarik Ahmed Rashid (Sulaimani Polytechnic University,Sulaymaniyah,Iraq)	Online

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Technical Session-5	28/03/25	LAB-7	2:30-4:00	378	Explainable AI with Capsule Networks for Credit Risk Assessment in Financial Systems	Dr Jagbir Singh Kadyan (Manav Rachna University, Faridabad, Haryana) Dr. Manish Sharma (Maharaja Agrasen Institute of Management Studies, Delhi) Dr Sunil Kadyan (Manav Rachna University Faridabad) Dr Sumeet Gupta (School of Business -UPES, Dehradun, Uttarakhand) Noor Kaylan Hamid (Al Kitab University, Kirkuk) B Kiran Bala (K.Ramakrishnan College of Engineering)*	Online
Technical Session-5	28/03/25	LAB-7	2:30-4:00	382	The Role of Artificial Intelligence in Shaping the Future of HR Marketing: Opportunities and Challenges	Dr. V. Selvi (Mother Teresa Women's University Kodaikanal) Dr Manisha Seal (Kristu Jayanti College Autonomous, Bengaluru) Dr Zahid Husain Ibne Hasan Ansari (DRTs A.E.Kalsekar Degree College, Maharashtra) Dr.A.Vini Infanta (Sri Ramakrishna College of Arts & Science, Coimbatore) Rozhgar Khorsheed Mahmud (Knowledge University, Erbil) P. Nagaraj (K.Ramakrishnan College of Engineering, Trichy)*	Online
Technical Session-5	28/03/25	LAB-7	2:30-4:00	386	AI-based Sentiment Analysis for Enhancing Employee Satisfaction using GRU-Attention Mechanism	Dr. Srigouri Kosuri (Saveetha University, SIMATS Chennai) Dr.Narinder Kumar Bhasin (Indian Institute of Banking and Finance, Mumbai) Dr.G. Dhanalakshmi (Panimalar Engineering College Chennai) Rekha Murugan (Chris Canadian Degree college Bangalore) Dr. V. Selvi (Mother Teresa Women's University Kodaikanal) S Muthuperumal (K.Ramakrishnan College of Engineering, Trichy)*	Online
Technical Session-5	28/03/25	LAB-7	2:30-4:00	336	Tomato plant disease detection using leaf image analysis: A Comprehensive Review	Aman Verma (Jss Academy of Technical Education Noida)* Anurag Pandey (Jss Academy of Technical Education Noida) Akansha . (Jss Academy of Technical Education Noida) Ayush Singh Soam (Jss Academy of Technical Education Noida) Priya Singh (Jss Academy of Technical Education Noida)	Offline
Technical Session-5	28/03/25	LAB-7	2:30-4:00	712	Empathetic AI: Multimodal Interaction Framework for Emotional Resilience and Cognitive Engagement in Elderly Care	Balakrishnan P (Vellore Institute of Technology Vellore) A.Anny Leema (Vellore Institute of Technology Vellore)* Arun Kumar Sangaiah (National Yunlin University of Science and Technology)	Online
Technical Session-5	28/03/25	LAB-7	2:30-4:00	228	Automated tractor system for Optimized trajectory planning	Shivam Dubey (Azad Institute of Engineering and Technology)* Umar Badr Shafaeque (Azad Institute of Engineering and Technology) Shafaeq Ahmad (Azad Institute of Engineering and Technology)	Online
Technical Session-5	28/03/25	LAB-7	2:30-4:00	292	Analyzing Traffic Accidents Using Data Mining Algorithm for Past Ten Years in Sulaymaniyah City, Iraq	ribwar rashid (Sulaimani Polytechnic University,Sulaymaniyah,Iraq)* Rebwar Khalid Muhammed (Sulaimani Polytechnic University,Sulaymaniyah,Iraq) Alla Ahmad Hassan (Sulaimani Polytechnic University,Sulaymaniyah,Iraq) Aso Mohammed Aladdin (Sulaimani Polytechnic University,Sulaymaniyah,Iraq) Bryar Ahmad Hassan (Sulaimani Polytechnic University,Sulaymaniyah,Iraq) Tarik Ahmed Rashid (Sulaimani Polytechnic University,Sulaymaniyah,Iraq)	Online