

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 |

SESSION CHAIR
(INTERNAL)

SESSION CHAIR
(EXTERNAL)

| Technical session | Date | Venue | Time-slot | Paper-id | Paper name | Author name | Mode of Presentation (Online/Offline) |
|---------------------|----------|---------------------|-----------|----------|---|--|--|
| 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 |

SESSION CHAIR (INTERNAL)

SESSION CHAIR (EXTERNAL)

| Technical session | Date | Venue | Time-slot | Paper-id | Paper name | Author name | Mode of Presentation (Online/Offline) |
|---------------------|----------|-------------------|-----------|----------|--|---|--|
| 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 | 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 |

SESSION CHAIR (INTERNAL)

SESSION CHAIR (EXTERNAL)

| Technical session | Date | Venue | Time-slot | Paper-id | Paper name | Author name | Mode of Presentation (Online/Offline) |
|---------------------|----------|-------|-----------|----------|---|--|---------------------------------------|
| 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 |