

**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	Mode of Presentation (Online/Offline)
Technical Session-6	29-03-2025	Mini Seminar Hall-1	9:00-11:00	<b>79</b>	Design and Implementation of a Peltier-Based Vaccine Cooling System for Efficient Cold Chain Management	Yadnyesha Rane (Vidyalankar Institute of Technology, Mumbai)* Aditya Maluskar (Vidyalankar Institute of Technology, Mumbai) Arunkumar Ram (Vidyalankar Institute of Technology, Mumbai)	Online
Technical Session-6	29-03-2025	Mini Seminar Hall-1	9:00-11:00	<b>154</b>	Energy-Efficient Clustering-Based Routing Protocol Using Variable Duty Cycle for Wireless Body Area Networks	Anita Rani (Institute of Professional Excellence and Management)* Sugandha Goel (Institute of Professional Excellence and Management ) Naveen Kamar (Institute of Professional Excellence and Management)	Offline
Technical Session-6	29-03-2025	Mini Seminar Hall-1	9:00-11:00	<b>156</b>	Web-Based Financial Literacy Platform: An Innovative Approach to Financial Education	Vikas Kamra (Amity University Uttar Pradesh, Noida, India)* Shatakshi Sharma (Amity University Uttar Pradesh, Noida, India ) Saransh Chaudhary (Amity University Uttar Pradesh, Noida, India )	Online
Technical Session-6	29-03-2025	Mini Seminar Hall-1	9:00-11:00	<b>209</b>	Improving Brain Tumor Classification and Segmentation Using ResUNet50	ADITYA BHARDWAJ (Bennett University (Times Group), Greater Noida)* Pratham Anand (Bennett University, Greater Noida) Dhruv Sharma (Bennett University, Greater Noida) Umesh Gupta (Bennett University, Greater Noida)	online
Technical Session-6	29-03-2025	Mini Seminar Hall-1	9:00-11:00	<b>239</b>	Comparative Performance Analysis of Docker Container and Virtual Machine: A Comprehensive Evaluation	ADITYA BHARDWAJ (Bennett University (Times Group), Greater Noida)* Kartikey Pandey ( Bennett University (Times Group), Greater Noida) Ritika Sharma (Bennett University (Times Group), Greater Noida) Umesh Gupta (Bennett University (Times Group), Greater Noida) Lakshya Deewan (Bennett University (Times Group), Greater Noida)	Offline
Technical Session-6	29-03-2025	Mini Seminar Hall-1	9:00-11:00	<b>300</b>	MEASURING USER EXPERIENCE THROUGH USABILITY TESTING ON ONLINE INVESTMENT PLATFORMS	Romeo Romeo (Bina Nusantara University) Glenn (Bina Nusantara University) Davin Dharma Surya Anggoro (Bina Nusantara University) Sudiana (Bina Nusantara University)	Online
Technical Session-6	29-03-2025	Mini Seminar Hall-1	9:00-11:00	<b>408</b>	Integration of Vector Databases with large language models(LLMs)	Palak Sharma (Ajay Kumar Garg engineering College )* Ayushman Singh Pundhir (Ajay Kumar Garg Engineering College) Ruchi Gupta (Ajay Kumar Engineering College) Gagan Dev Singh (Ajay Kumar Garg ENgineering College)	Offline
Technical Session-6	29-03-2025	Mini Seminar Hall-1	9:00-11:00	<b>20</b>	Integrating Open-Source LLMs with Retrieval-Augmented Generation for Obstetrics and Gynecology Domain	Akash Wamanrao Bhiwgade (Tulsiramji Gaikwad-Patil College of Engineering & Technology)* Nilesh Nagrale (TGPCET, Nagpur)	Online
Technical Session-6	29-03-2025	Mini Seminar Hall-1	9:00-11:00	<b>599</b>	Advanced Deep Learning Techniques for Predicting Natural Gas Consumption a Comprehensive Forecasting Analysis	Nagalakshmi Nethi V.R. (Godavari Institute of Engineering and Technology(A))* Md Ahammad Sharif (Godavari Institute of Engineering and Technology (A)) Siva Kumar K. (Godavari Institute of Engineering and Technology (A)) Akash Krishna TS (Godavari Institute of Engineering and Technology (A)) Molleti Sivasaisatyanarayana (Godavari Institute of Engineering and Technology (A)) Katta Nageswara Rao (Godavari Institute of Engineering and Technology (A))	Online
Technical Session-6	29-03-2025	LAB-6	9:00-11:00	<b>619</b>	Development of an API for Integration with Cyber Threat Intelligence Platforms through Federated Learning and Gradient Sparsification	Sharmila Devi Mandalapu (VFSTR Deemed to be University, Guntur, Andhra Pradesh)* Deevi Radha Rani (VFSTR Deemed to be University, Guntur, Andhra Pradesh)	Online

**SESSION CHAIR  
(INTERNAL)**

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Technical session	Date	Venue	Time-slot	Paper-id	Paper name	Author name	Mode of Presentation (Online/Offline)
Technical Session-7	29-03-2025	Mini Seminar Hall-2	9:00-11:00	631	Gamification in Financial Services: A New Frontier for Third-Party Product Marketing in Banks	Rahul Pradhan (GLA University, Mathura) Dr. Sarika keswani (Symbiosis Centre for Management Studies Nagpur (SCMS Nagpur) Symbiosis International (Deemed University) Pune) Sakar Fatah Sulaiman (Knowledge University, Erbil) Malik Bader Alazzam (Jadara University, Irbid) Iskandar Muda (Universitas Sumatera Utara, Medan) Ponni Valavan M (K.Ramakrishnan College of Engineering, Trichy)*	Online
Technical Session-7	29-03-2025	Mini Seminar Hall-2	9:00-11:00	668	Enhancing Third-Party Product Marketing with Reinforcement Learning Techniques	Dr. Roop Raj (HNBG Central University, Uttarakhand) Dr Mohd Aarif (Aligarh Muslim University, Aligarh, UP) Dr Bhadrappa Haralayya (Lingaraj Appa Engineering College Bidar, Karnataka) Nadhema Ahmed Jaff (Knowledge University, Erbil) Dr. Mintu Gogoi (Gargaon College, Simaluguri) B.Anitha Vijayalakshmi (Saveetha School of Engineering )*	Online
Technical Session-7	29-03-2025	Mini Seminar Hall-2	9:00-11:00	698	Multi-label Deep Learning Framework for Early Detection of Diabetic Retinopathy Diseases	Ravi Kumar (Neelkanth Institute of Technology) Vishal Kohli (Neelkanth Institute of technology) Rohit Kumar Singh (Meerut Institute of Engineering and Technology) Ratneshwar Ratnesh (Meerut Institute of Engineering and Technology)*	Offline
Technical Session-7	29-03-2025	Mini Seminar Hall-2	9:00-11:00	381	Enhancement for Wireless Sensor Networks: Detecting Blackhole and Wormhole Attacks on LEACH Protocol Using Particle Swarm Optimization and Reinforcement Learning	R . Barath Ramesh (Saveetha school of engineering)* Thangaraj, S. John Justin (Saveetha school of engineering)	online
Technical Session-7	29-03-2025	Mini Seminar Hall-2	9:00-11:00	435	A Research-Reviewed, Data-Driven Insight into Flood Risk Mapping and Analysis	Manas Singh (Galgotias College of Engineering and Technology) Nupur Agrawal (Galgotias College of Engineering and Technology) Rosita Sikarwar (Galgotias College of Engineering and Technology)* Sachi Gupta (Galgotias College of Engineering and Technology)	Online
Technical Session-7	29-03-2025	Mini Seminar Hall-2	9:00-11:00	677	Job Description and Resume Matching System using NLP	Ravi Sharma (Galgotias University Greater Noida)* Akansha Rajput (Galgotias University Greater Noida ) Vaibhav Kumar Srivastav (Galgotias University Greater Noida )	Offline
Technical Session-7	29-03-2025	Mini Seminar Hall-2	9:00-11:00	403	Brain Tumor Classification Using Explainable Artificial Intelligence	Amit Dwivedi (Bennett University) Amit Sharma (Bennett University) Rajesh Shrivastava (Bennett University)*	Offline
Technical Session-7	29-03-2025	Mini Seminar Hall-2	9:00-11:00	430	High-Efficiency Zeta Converter with Intelligent RBFNN -MPPT for Photovoltaic based Grid tied System	S. Marisargunam (International School of Technology and Sciences for Women)* M. Manjusha (Mar Ephraem College of Engineering and Technology) S. Sree Dharinya (School of Computer Science Engineering and Information Systems, VIT University) B. Parthiban (Sri Manakula Vinayagar Engineering College) Chelumala Nirosha (St Martins Engineering College) R. Venkateshwaran (Kongunadu Polytechnic College)	Online
Technical Session-7	29-03-2025	Mini Seminar Hall-2	9:00-11:00	607	Hybrid Power Generation System Utilizing Waste Energy With Boost Converter And Inverter-Based Control	Immanuel Bright E (Erode Senguthar Engineering College)* Subendrarajan R (Erode Senguthar Engineering College) Udhayakumar R (Erode Senguthar Engineering College) Vishnukumar K (Erode Senguthar Engineering College) Janani S (Erode Senguthar Engineering College)	Online
Technical Session-7	29-03-2025	LAB-6	9:00-11:00	664	YOLO-Based Real-Time Border Security Surveillance System Using Deep Learning	Dr. Kanika Taneja (ABES Institute of Technology, Ghaziabad)* Sarthak Dwivedi (ABES Institute of Technology, Ghaziabad) Sneha Gupta (ABES Institute of Technology, Ghaziabad) Venu Raj (ABES Institute of Technology, Ghaziabad)	Offline

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Technical Session-8	29-03-2025	CSIT Seminar Hall	9:00-11:00	145	Securing Serverless Environments: A Blockchain-Based Approach for Licensing and Payment Verification	NIDHI GUPTA (Sharda University)* Kriti Sharma (Sharda University) Shivam Kumar (Sharda University) om saraswat (Sharda University)	Offline
Technical Session-8	29-03-2025	CSIT Seminar Hall	9:00-11:00	125	SecureXfer: Secure NFC RSA Mobile-based Framework for Digital Signing of Documents	Harshit Jaiswal (DTU) Rishav Mishra (DTU)*	Offline
Technical Session-8	29-03-2025	CSIT Seminar Hall	9:00-11:00	676	A Convolutional Network Approach for Breast tumor classification using Ultrasound Images	Nidhi Pandey (SRMIST)* Lakshya Arora (SRMIST) Shukla (SRMIST) Sukriti	Offline
Technical Session-8	29-03-2025	CSIT Seminar Hall	9:00-11:00	503	Accurate and Explainable AI in Student Performance Prediction Using E-Learning Classification	N S Koti Mani Kumar Tirumanadham (BIHER)* Thaiyalnayaki S (Bharath Institute of Higher Education and Research) Ganesan V (Bharath Institute of Higher Education and Research )	online
Technical Session-8	29-03-2025	CSIT Seminar Hall	9:00-11:00	523	A Hybrid Approach for Liver Disease Diagnosis and Prognosis	Kushagra Rastogi (ABES Engineering College)* KANAN TALWAR (ABES Engineering College) REETESH KUMAR (ABES Engineering College) MANAS RAI KAUSHIK (ABES Engineering College) Ms. MONIKA SHARMA (ABES Engineering College)	online
Technical Session-8	29-03-2025	CSIT Seminar Hall	9:00-11:00	99	PROACTIVE AI-DRIVEN FRAMEWORK FOR DISASTER RECOVERY IN CLOUD COMPUTING	Kavalla Prasanna (National Forensic Sciences University)* Ms.Param Ahir (National Forensic Sciences University)	Online
Technical Session-8	29-03-2025	CSIT Seminar Hall	9:00-11:00	533	Progressing Towards the Sustainable Development Goal: Evaluating India's Clean Water and Sanitation Policies	Jyoti Tripathi (Amity Univesrity Punjab) Paras Jain (VIT Bhopal University, Kothrikalan, Sehore) Mohit Chaudhary (Amity University Punjab Mohali) Vishan Gupta (Amity University Punjab, Mohali, India)* Vidisha Wadhawan (Amity University Punjab) Ankit Tomar (Graphic Era Deemed to be University Dehradun)	Online

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Technical Session-9	29-03-2025	LAB-1	9:00-11:00	217	IOT-BASED HEALTH MONITORING SYSTEM FOR FARMERS	Smera S Kini (Amrita Vishwa Vidyapeetham)* Akhil V.M. (Amrita Vishwa Vidyapeetham) Akshaya Vasudeva (Amrita Vishwa Vidyapeetham) Akshay Bharadwaj (Amrita Vishwa Vidyapeetham) Hariharshan (Amrita Vishwa Vidyapeetham) Smera S Kini (Amrita Vishwa Vidyapeetham)	Offline
Technical Session-9	29-03-2025	LAB-1	9:00-11:00	467	Oil Spill Detection using Satellite Image Processing	Abhishek Verma (KIET Group of Institutions) Supriya Dubey (KIET Group of Institutions)* Ankit Yadav(KIET Group of Institutions) Dhruv Rastogi (KIET Group of Institutions)	Offline
Technical Session-9	29-03-2025	LAB-1	9:00-11:00	421	An Efficient Distributed Auditing Scheme with Secure User Revocation	Akhilesh Srivastava (Delhi Technological University)* Manoj Kumar (Delhi Technological University)	Offline
Technical Session-9	29-03-2025	LAB-1	9:00-11:00	628	Transforming Compliance with Cloud-Native Security	Satyanarayana Raju (SM IEEE)* sanjeevkumar.sk@ieee.org (SM IEEE)	Online
Technical Session-9	29-03-2025	LAB-1	9:00-11:00	686	Design and Implementation of Reliable Fault-Tolerant Data Transmission Using Triple Modular Redundancy and CRC-Based Error Detection	Sai Vyshnavi Danda ( Lakireddy Bali Reddy College of Engineering)* Saurabh Kesari (National Institute of Electronics and Information Technology (NIELIT)) Shashank Kumar Singh (National Institute of Electronics and Information Technology (NIELIT)) Dharmachari N (Lakireddy Bali Reddy College of Engineering) Jayaraj U Kidav (National Institute of Electronics and Information Technology (NIELIT)) M K Linga Murthy (Lakireddy Bali Reddy College of Engineering)	Online
Technical Session-9	29-03-2025	LAB-1	9:00-11:00	570	Generating Legal Arguments using LLM and Vector Database to Support Precedents	Oshin Sharma (SRM Institute of Science & Technology, Delhi-NCR Campus, Modinagar, Ghaziabad, UP)* Devanshu Sinha (SRM Institute of Science & Technology, Delhi-NCR Campus, Modinagar, Ghaziabad, UP)	Online
Technical Session-9	29-03-2025	LAB-1	9:00-11:00	410	Leveraging Machine Learning Technique for Virtual Machine Migration in Cloud Computing	YOGENDRA NARAYAN (CHANDIGARH UNIVERSITY MOHALI)* Harkamal Deep Singh (Rayat bahra University) Shabnam Thakur (Chandigarh Group of colleges, Jhanjeri) Manu Kumari (Rayat bahra University) Nripendra Narayan Das (Manipal University, Jaipur) R. Sivaraman (Dwaraka Doss Goverdhan Doss Vaishnav College) Subharun Pal (IIT Jammu)	online
Technical Session-9	29-03-2025	LAB-1	9:00-11:00	634	An Efficient IoT Based Wireless Sensor Network with Pigeon Inspired Routing	Rajeesh Kumar N V (DMI Engineering College)* Dinesh Kumar Budagam (Role: Security Architect at VISA) Jinsha Lawrence (Karpagam Academy of Higher Education (Deemed to be University),) Md Mujahid Irfan (SR University) Maheswari S (Nandha Engineering College) Jehan C (Veltech Multitech Dr. Rangarajen Dr. Sakunthala Engineering college)	Online

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Technical Session-10	29-03-2025	LAB-7	9:00-11:00	707	CareAdvisor: Comprehensive Health Support	Ranjeetsingh Suryawanshi (Vishwakarma Institute of Technology, Pune) Harshita Yadav (Vishwakarma Institute of Technology, Pune)* Harshwardhan Bhadke (Vishwakarma Institute of Technology, Pune) Vishwaraj Ingawale (Vishwakarma Institute of Technology, Pune) Tejas Hatedikar (Vishwakarma Institute of Technology, Pune)	Online
Technical Session-10	29-03-2025	LAB-7	9:00-11:00	531	Computer Vision Enabled Smart Refrigerator: A detachable module approach	Rohan Lambar (JSPM's Rajarshi Shahu College of Engineering)* Shivam Chavan (JSPM's Rajarshi Shahu College of Engineering) Nitin Patil (JSPM's Rajarshi Shahu College of Engineering) Sarthak Nevase (JSPM's Rajarshi Shahu College of Engineering) Shabana Pirjade (JSPM's Rajarshi Shahu College of Engineering)	online
Technical Session-10	29-03-2025	LAB-7	9:00-11:00	55	Automated prediction of Heart disease using AutoML-H2O across diverse datasets	Karthika Natarajan (VIT-AP university) c rajeev (VIT-AP University, School of Computer Science and Engineering, Near Vijayawada, Andhra Pradesh, India.)*	Online
Technical Session-10	29-03-2025	LAB-7	9:00-11:00	349	Potato Crop Disease Detection using Smart Tools	Ekta (MDU University,Haryana)* Ishika (MDU University,Haryana) Anhsul Verma (MDU University,Haryana) Nidhi Srivastava (MDU University,Haryana) Dr. Poonam Sharma (MDU University,Haryana)*	Offline
Technical Session-10	29-03-2025	LAB-7	9:00-11:00	479	Driver Drowsiness Detection System using Machine Learning Approaches	Himanshu Kumar (Graphic Era Hill University Dehradun) Anupriya Sharma (Graphic Era Hill University, Dehradun) Vishan Gupta (Amity University Punjab, Mohali, India)* Paras Jain (VIT Bhopal University, Kothrikalan, Sehore) Mukesh Kalla (ICFAI University Jaipur) Shaili Gupta (ABES Engineering College, Ghaziabad )	Online
Technical Session-10	29-03-2025	LAB-7	9:00-11:00	654	Innovative Border Infrastructure Monitoring with Cross-Border Architecture and Inventory Management	Aditya Kumar (ABES Engineering College) Anushka Kaushik (ABES Engineering College) Ayaz Ahmad (ABES Engineering College) Dev Harsh Bajpai (ABES Engineering College) Aatif Jamshed (ABES Engineering College)*	Offline
Technical Session-10	29-03-2025	LAB-7	9:00-11:00	560	Personalized Patient Risk Prediction Using Multi-modal AI on EHR and Medical Imaging Data	Sheetal Vijay Kulkarni (AIISSMS Institute of Information Technology, Pune, Maharashtra) Bobonazarov Abdurasul (Turin Polytechnic University, Tashkent) Ban Safar Khalaf (Al-Farahidi University, Baghdad) Ganesh Kumar Anbazhagan (Saveetha Institute of Medical and Technical Sciences (SIMATS) Chennai, Tamil Nadu) Hajar Kadhim (Uruk University, Baghdad) M.K.Mohamed Faizal (K.Ramakrishnan College of Engineering, Trichy)*	Online
Technical Session-10	29-03-2025	LAB-7	9:00-11:00	564	MedTime - Early Medical Emergency Prediction	Gold Beulah Patturose J (St.Joseph's Institute of Technology)* Kalyani T (St.Joseph's Institute of Technology) Sanjith Kumar R ( St.Joseph's Institute of Technology) Sai Surya A ( St.Joseph's Institute of Technology)	Online

SESSION CHAIR (INTERNAL)

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