ICAIQSA -2025

2025 International Conference on Artificial Intelligence and Quantum Computation-Based Sensor Application (ICAIQSA) from 19th to 20th December 2025.





2025 International Conference on Artificial Intelligence and Quantum Computation-Based Sensor Application (ICAIQSA) was organized from 19th to 20th December 2025. The conference was technically sponsored by IEEE. Manuscript of accepted and presented papers will be submitted to IEEE Xplore. Broadly covered areas of conference were Generative AI & Responsible AI, Technologies & Applications of AI, AI in Healthcare and Medicine, Robotics Science and Engineering, Quantum Computation-Based Sensor Applications in AI, Internet of Things, Machine Learning and Data Mining, Data Analytics, AI & Decision Systems, Interdisciplinary & Emerging Technologies using AI etc. It is hosted by the G H Raisoni College of Engineering & Management, Nagpur.

Guest of Honor
Dr. Rizwan Ahmed
Chief Technology Officer - delaPlex- Nagpur

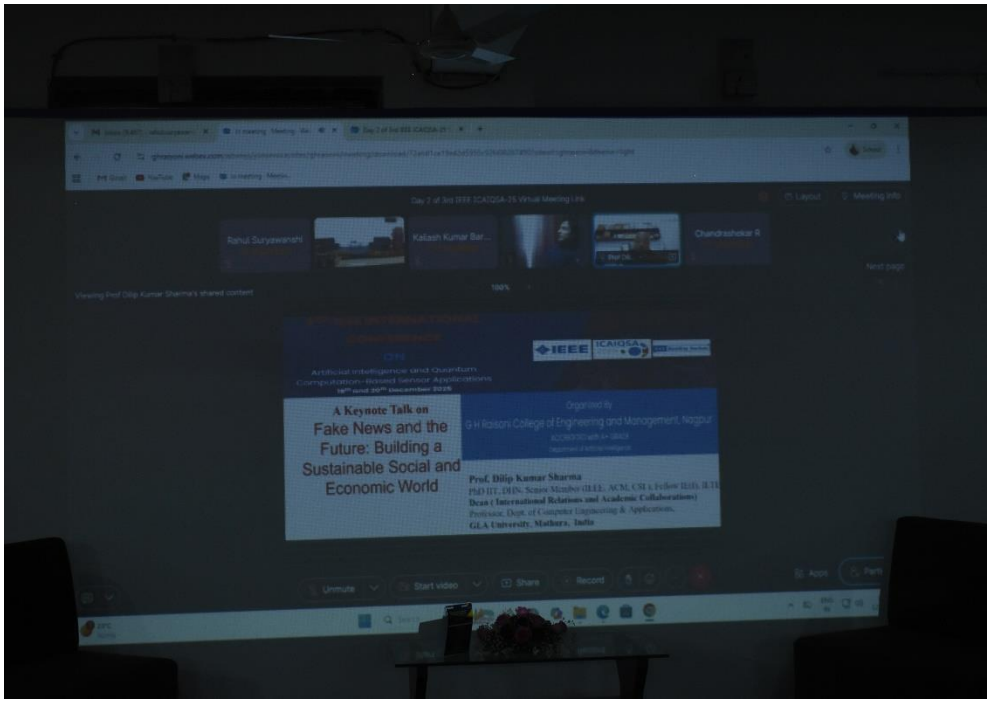
Chief Guest
Dr. Vivek Nanoti,
Director Engineering, LTJSS
Priyadarshini Group of Institutions- Nagpur

Review Committee: Internal: 01, External: 160

No. of Papers received	746
No. of Papers Accepted	199

Registered Papers: 102
Paper scheduled for presentation through Webex: 69
Paper scheduled for presentation Offline: 33

ICAIQSA -2025: Keynote Sessions



Keynote Session by Dr. Dilip Kumar Sharma
Dean-International Relations & Academic Collaborations, Maharashtra section Professor- Dept. of Computer Engineering & Applications – GLA University Delhi



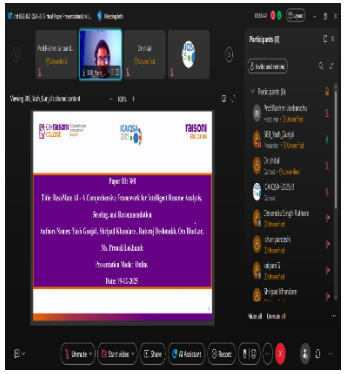
Keynote Session by Mr. Mahesh Rakheja,IEEE

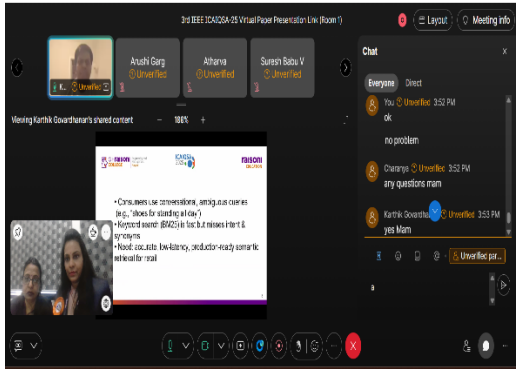
Keynote Session by Mr. Vinay Sharma, Technical Program Manager- Persistent Systems Inc California, USA

ICAIQSA -2025: Technical Sessions

Day 1: Shift-II (2:30pm onwards)

	Technical Session	Track	Session Chair
1	I OFFL INE	Technologies & Applications of AI	Dr. L G Malik Associate Professor & HOD in CSE - Gov College of Engineering - Nagpur
2	II OFFLINE	Generative AI & Responsible AI	Dr. Ujwalla Gawande Associate Professor-IT *YCCE Nagpur*
3	III ONLINE	AI in Healthcare and Medicine	Dr. Prathna Deshkar Associate Professor in CSE YCCE- Nagpur
4	IV ONLINE	Robotics Science and Engineering	Dr. Shital Raut Associate Professor in CSE VNIT
5	V ONLINE	Quantum Computation-Based Sensor Applications in AI	Dr. Pooja Jain Associate Professor in CSE,IIITN Dr. Sakshi Sadhwani Associate Professor, Department of AI, GHRCEMN







ICAIQSA -2025: Technical Sessions

Day 2: Shift-II (2:30pm onwards)

Sr.No	Technical Session	Track	Session Chair
1	I OFFLINE	Technologies & Applications of AI	Dr. Ujwalla Gawande Associate Professor-IT *YCCE Nagpur*
2	II ONLINE	Generative AI & Responsible AI	Dr. Ashish Tiwari- Asst. Professor in CSE VNIT Nagpur
3	III ONLINE	AI in Healthcare and Medicine	Dr. Vijay Gadicha Associate Professor & Head CSE P R Pote Patil Engineering College - Amravati
4	IV ONLINE	Robotics Science and Engineering	Dr. Amreen Khan Associate Professor in CSE MIT Pune
5	V ONLINE	Quantum Computation-Based Sensor Applications in AI	Dr. Tausif Diwan Associate Professor in CSE,IIITN





ICAIQSA -2025: Two Days Schedule

19th & 20th December 2025

Organized by Department of Artificial Intelligence

Sr. No	Event	Time
Day 1: 19th December 2025		
1	VIP & Delegates Registration	10:30 am – 11:00 am
2	Inauguration Ceremony	11:00 am – 12:00 pm
3	Keynote 2 By Mr. Vinay Sharma, Technical Program Manager- Persistent Systems Inc California, USA	12:00 pm – 1:15 pm
	Lunch	1:15 pm – 2:30 pm
4	Parallel Paper Presentation in Offline Mode	2:30 pm – 5:30 pm
5	Conclusion of Day 1 with Certificate Distribution	5:30 pm – 6:00 pm
Day 2: 20th December 2025		
6	Delegates Registration.	10:10 am – 10:45 am
7	Keynote 3 By Mr, Mahesh Rakheja, Director - CyberSecurity Enterprise Security Leader Global Trainer & Consultant	10:45 am – 12:00 pm
8	Keynote 4 By Dr. Dilip Kumar Sharma, Dean & Professor Dept. Of Computer Engineering GLA University Delhi	12:00 pm – 1:15 pm
	Lunch	1:15 pm – 2:30 pm
9	Parallel Paper Presentation in Hybrid mode	2:30 pm – 5:30 pm
10	Valedictory Ceremony	5:30 pm – 6:05 pm
11	Conclusion of Day 2 with Certificate Distribution	6:05 pm – 6:30 pm

General Chair
Dr. Smita Nirkhi

ICAIQSA -2025: Best Papers

Bases on the score given by each Session respective Session Chair, the following 7 papers are declared as "Best Paper" in ICAIQSA 2025 conference. The score was a total of 20 Marks, including parameters as Presentation Skills, Innovation / Originality / Concept, Methodology, Usefulness / Implementation which carried weightage of 5 marks in each parameter.

Sr. No	Paper ID	Paper Title	Name of Author	Institute / Origination
1	142	Conversational AI Semantic Search For E-Commerce Using Elasticsearch + RAG: A Scalable Hybrid Framework	Karthik Govardhanan	Boston University, OMBA
2	190	Cross-Cultural Linguistic Preservation Through AI-Powered Dialect Restoration In Historic English Narratives.	Dr V Suresh Babu	Department Of ECE Sri Shanmugha College Of Engineering And Technology Sankari, Tamil Nadu
3	350	Modular Architecture For AI-Driven Crop Health Monitoring Via UAV And Deep Learning	Siddharth & Dinesh	Symbiosis Institute Of Business Management, Nagpur
4	354	STRIDE Framework: An AI-Driven Multidimensional Clustering Approach To Assess G20 Economic Readiness	AGNUS INFANTA B	Sastra Deemed University, Thanjavur And School Of Management
5	509	Low-Power Priority-Based Arbiter for Optimal on Chip Resource Allocation In Soc Architecture	Ragapreeti D	B.E. Electronics And Communication Engineering
6	560	Multi-Disease AI - Bridging Diagnostics, Doctors and Donors	Dr. Nirmala M	Department Of Computer Science and Engineering, New Horizon College Of Engineering (NHCE), Bengaluru, India.
7	657	Cuckoo Search–Tuned ML Models for Crop Prediction	Amol Bhilare	Dept. Of Computer Science & Engg, Pandit Deendayal Energy University, Gandhinagar, India