ICAIQSA -2024

2024 International Conference on Artificial Intelligence and Quantum Computation-Based Sensor Application (ICAIQSA) from 20th to 21st December 2024.





2024 International Conference on Artificial Intelligence and Quantum Computation-Based Sensor Application (ICAIQSA) was held from 20th to 21st December 2024. 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. Dwarikanath Mahapatra,

Head Manentia AI

Abu Dhabi, UAE

Chief Guest

Dr. Sibaram Khara

Honorable Vice-Chancellor Sharda University, Noida, Uttar Pradesh

Review Committee: Internal: 05, External: 550

No. of Papers received : 1450

No. of Papers Accepted : 199

Registered Papers: 199

Paper scheduled for presentation through Webex:179

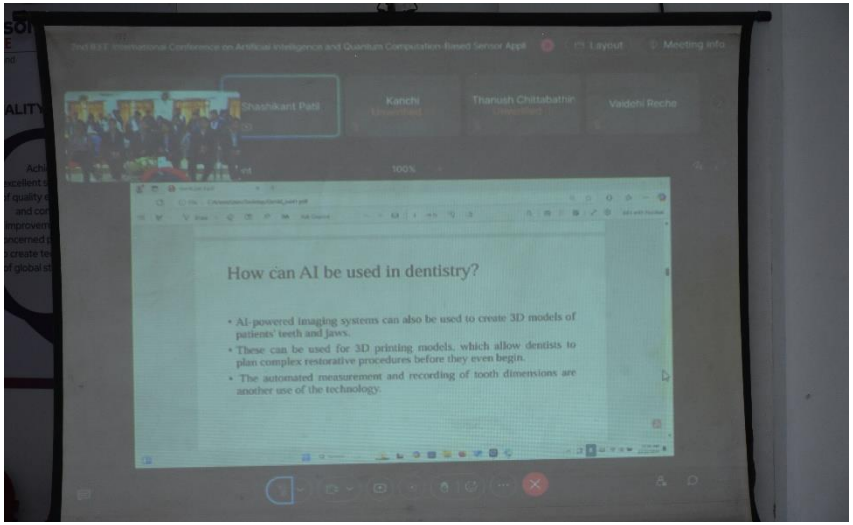
Paper scheduled for presentation Offline: 20

ICAIQSA -2024: Keynote Sessions





Keynote Session by Dr. Dwarikanath Mahapatra





Keynote Session by Dr. Sashikant Patil, IEEE Bombay section

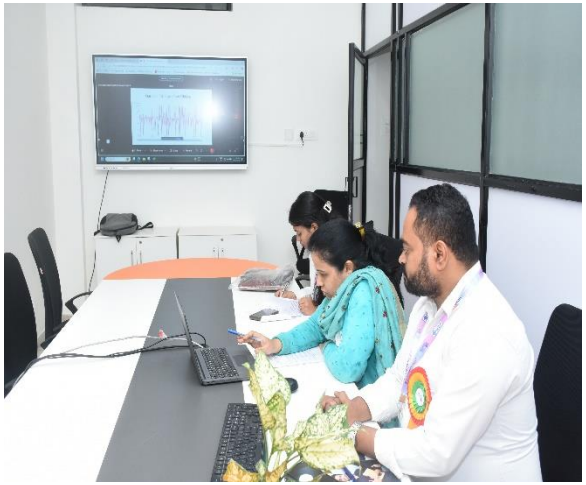
ICAIQSA -2024: Technical Sessions

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

	Technical Session	Track	Session Chair
1	I OFFLINE	Technologies & Applications of AI	Dr. Sudhanshu Maurya- SIT Nagpur
2	II	Generative AI & Responsible AI	Dr.Ujjawala Gawande, YCCE
3	III	AI in Healthcare and Medicine	Dr. Sonali Ridhorkar – HOD CSE
4	IV	Robotics Science and Engineering	Dr. Preeti Bihande HOD CYS
5	V	Quantum Computation-Based Sensor Applications in AI	Dr. Manoj Chandak- CSE- RBU Nagpur







ICAIQSA -2024: Technical Sessions

Day 2- Shift-I (10:45 PM onwards)

Sr. No.	Technical Session /Track	Session Chair	Parallel Technical Session	Session Chair
1	I Internet of Things	Dr. G. M. Asutkar, HOD- AI & DS, PCE, Nagpur.	I Internet of Things	Dr. T H Khan, GHRCEM, Nagpur
2	II Machine Learning and Data Mining	Dr. Abhijit Patil, Somaiya College	II Machine Learning and Data Mining	Dr Ishu Sharma, CGC Jhanjeri, Mohali
3	III Data Analytics	Dr. Ashish Tiwari – VNIT Nagpur	III Data Analytics	Dr. Vijaya Balpande, PCE
4	IV AI & Decision Systems	Dr. Latesh Malik, Associate Professor- CSE-Government College of Engineering, Nagpur	IV AI & Decision Systems	Dr. Sarita Ambadekar, KJ Somaiya Institute of Technology, Mumbai
5	V Interdisciplinary & Emerging Technologies using AI	Dr. Sharda Chhabria, Associate Professor, GHRCEM, Nagpur	V Interdisciplinary & Emerging Technologies using AI	Dr. Yogesh Jadhav Associate Professor Atlas SkillTech University Mumbai
6	VI Interdisciplinary & Emerging Technologies using AI	Dr. Dhanashree Toradmalle, KJ Somaiya Institute of Technology, Mumba	VI Interdisciplinary & Emerging Technologies using AI	Dr. Sagar Badhiye SIT Nagpur

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

Sr. No.	Technical Session	Session Chair	Parallel Technical Session	Session Chair
1	I Technologies & Applications of AI	Dr. Ved P. Mishra - UAE	I Technologies & Applications of A	Dr. Jitendra Tembhurne IIITN Nagpur
2	II Generative AI & Responsible AI	Dr. Acharya Biswa - Gujrat	II Generative AI & Responsible AI	Dr. Pradnya Borkar SIT Nagpur
3	III AI in Healthcare and Medicine	Dr. Akshay Zadgaokar Babyversa Pvt.Ltd Nagpur	III AI in Healthcare and Medicine	Dr. Aishwarya Ukey IIITN Nagpur
4	IV Robotics Science and Engineering	Dr. A.Vidhya Jeppiaar Engineering College	IV Robotics Science and Engineering	Dr. Surekha Ravindra Janrao- Assistant Professor in K.J.Somaiya Institute of technology, Sion,Mumbai
5	V Quantum Computation-Based Sensor Applications in AI	Dr. Priya B. Dasarwar SIT Nagpur	V Quantum Computation-Based Sensor Applications in AI	Dr. Snehal Shinde IIITN Nagpur
6	VI Interdisciplinary & Emerging Technologies using AI	Dr. Shyamal Satish Virnodkar, K. J. Somaiya Institute of Technology, Sion, Mumbai	VI Interdisciplinary & Emerging Technologies using AI	Dr. Sufola Das chagas silva E Araujo, Goa university

ICAIQSA -2024: Two Days Schedule

20th & 21st December 2024

Organized by Department of Artificial Intelligence

Sr. No	Event	Time
Day 1: 20th December 2024		
1	VIP & Delegates Registration	10:30 am – 11:00 am
2	Inauguration Ceremony	11:00 am – 12:00 pm
3	Keynote 1 By Mr. Dwarikanath Mahapatra- UAE	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: 21st December 2024		
6	Delegates Registration.	10:10 am – 10:45 am
7	Keynote 2 By Dr. Sashikant Patil, IEEE Bombay section Parallel Paper Presentation in Online mode	10:45 am – 12:00 pm
8	Keynote 3 By Mr. Ved Prakash Mishra- UAE / Parallel Paper Presentation in Online mode.	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 -2024: Best Papers

Bases on the score given by each Session respective Session Chair, the following 6 papers are declared as "Best Paper" in ICAIQSA 2024 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	26	Siamese Meets Diffusion for Morphing Attack Detection	Shreya Malik	Indian Institute of Information Technology, Guwahati
2	202	A Novel Approach to Charging Infrastructure Management: Empowering Electric Mobility in India	Umesh Raut	Department of Computer Engineering and Technology, Dr. Vishwanath Karad MIT World Peace University Pune, India
3	237	AI Driven Predictive Functional Safety leveraging Key Performance Indicators in Autonomous Vehicles	Nikhilesh Sawarkar	Automotive Intelligent Cockpit, Platform, Harman International
4	288	Hybrid Blockchain Framework for Secure and Scalable Internet of Things (IoT) Networks (HB- IoT): A Novel Approach	Shib Shankar Golder	Ernst & Young, 155 N Wacker Dr, Chicago, IL 60606. USA
5	614	Using AI for Personalized English Writing Feedback on Educational Platforms	M. K. Mohamed Faizal	Department of AI & DS K.Ramakrishnan College of Engineering, Samayapuram - Tamil Nadu India.
6	714	Protecting Medical Image Transmission: Color Secret Sharing Protocol for Enhanced Security	Balajee Maram	Professor, SR University