

3RD INTERNATIONAL CONFERENCE ON ROBOTICS, AUTOMATION AND INTELLIGENT COMPUTING

ICRAIC 2K25

15 February 2025

A VIRTUAL CONFERENCE

<https://conference.rame.org.in/icraic25/>



Publication



**Cambridge
Scholars
Publishing**

Indexed in Web of Science

Organized by



RESEARCH ASSOCIATION OF MASTERS IN ENGINEERING (RAME)

Notification

Taking into account the various circumstances of the participant after COVID 19, ICRAIC will adopt all available social media methods, such as online/video presentation, etc, besides the regular presentation styles (oral & poster). The online/video presentation session will be arranged accordingly. Authors can participate by submitting a recorded presentation and connecting at the time of their session on online platform.

Research Association of Masters in Engineering

RESEARCH ASSOCIATION OF MASTERS IN ENGINEERING is committed to providing a peer reviewed platform to outstanding researchers to exhibit their findings for the furtherance of technology to provide a research forum. We are devoted to continual innovation to better support the wishes of our communities, making sure the integrity of the research we publish, and championing the importance of open research.

ICRAIC 2K25

ICRAIC 2K25: International Conference on Robotics, Automation and Intelligent Computing will focus on the development and integration of robot, digitalization, automation, and AI technologies, inviting well-known experts and scholars at home and abroad, as well as scientific researchers and industry practitioners in the field of intelligent control, to jointly discuss the cutting-edge technologies of robots and their new applications in different industries, and build a robot innovation ecosystem. We sincerely invite you to participate in ICRAIC 2K25.

Submit Paper

Full length paper must be submitted through Online submission system–

<https://submit-manuscript.org/s/674f1460cb1e4>

Important Dates

Submission started	: 01 October, 2024
Submission Deadline	: 31 Jan, 2025
Notification Date	: 5 Feb, 2025
Registration Deadline	: 7 Feb, 2025
Camera Ready	: 7 Feb, 2025
Conference Date	: 15 Feb, 2025

Call for Paper

IC-ISHVA aims to bring together leading academic scientists, researchers, and research scholars to exchange and share their experiences and research results in the field of Mechanical Engineering and Nanomaterial.

Major Themes

1. Robotics and Industrial Intelligence
2. Automation in Production
3. Computer Vision and Image Processing
4. Artificial Intelligence

Topics including but not limited to the following:

ROBOTICS	AUTOMATION	INTELLIGENT COMPUTING
<ul style="list-style-type: none"> ▪ Robotics ▪ Aircraft Control ▪ Micro-nano Robots ▪ Nonlinear Systems and Control ▪ Intelligent Robot ▪ Robust Control and Control System ▪ Artificial Intelligence ▪ Fuzzy Control and Fuzzy System ▪ Neural Networks and Deep Learning ▪ Fault Diagnosis and Reliable Control ▪ Sensor Technology ▪ Automatic Control Systems ▪ Pattern Recognition ▪ Signal Processing and Big Data ▪ Navigation and Guidance ▪ Intelligent Manufacturing and Industrial Intelligence ▪ Computer Vision and Image Processing ▪ Power Electronics and Electrical Machines ▪ Intelligent Perception and Information Fusion ▪ Modelling and Intelligent Control 	<ul style="list-style-type: none"> ▪ Data Mining ▪ Computer vision ▪ Embedded System ▪ Natural Language Processing ▪ Recommender System ▪ Software Development ▪ Human-Computer Interaction ▪ Signal Detection and Transformation ▪ Digital Signal Processing ▪ Information Processing ▪ Machine Learning ▪ Robotics and Automation in Production ▪ Intelligent Transportation Logistics ▪ Transmission and Mechanical Drive System ▪ DSP Technology 	<ul style="list-style-type: none"> ▪ Mobile Computing ▪ Embedded Control ▪ Operations Research ▪ Multimedia Application ▪ Information System ▪ Genetic Algorithm ▪ Automatic Control System ▪ Image Processing ▪ Wireless Communication System ▪ Smart Sensor Network ▪ Neural Network ▪ Smart Antenna Systems ▪ Navigation System ▪ High Performance Computing ▪ Modelling and Simulation Technology

Registration

One of the authors from accepted paper is mandatory to register and present paper in online conference. Author needs to pay registration charges as follows.

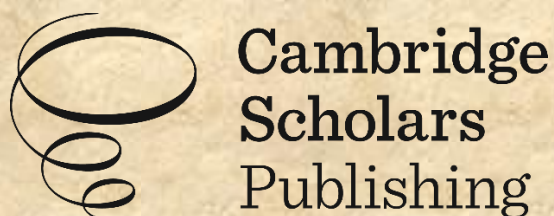
Conference Registration Charges	National	International
Research Scholar/Academician/ Industry Person	INR 1000	USD 25
Co-author Registration	INR 250	USD 10

Publication Charges in Cambridge Scholar Publishing	National	International
Research Scholar/Academician/ Industry Person	INR 4000	USD 75

Selected extended version of the papers from conference will be published in SCOPUS-indexed journal with additional charges.

Publication

Accepted papers of the ICRAIC-2K25 will be published in the book "Robotics, Automation, and Intelligent Computing" in Cambridge Scholar Publishing indexed in Web of Science.



Indexed in Web of Science

KEYNOTE SPEAKER



DR. SARATHA SATHASIVAM
Associate Professor, Universiti
Sains Malaysia, Malaysia

Organizing Committee

Conference Chair

Dr. Manoj A. Kumbhalkar, President, Research Association of Masters in Engineering, India

Convener

Dr. Jagdish D. Kene, Member, Research Association of Masters in Engineering, India

Coordinator

Dr. Radheshyam H. Gajghat, Member, Research Association of Masters in Engineering, India

Dr. R. Kishor, Member, Research Association of Masters in Engineering, India

International Advisory Committee

Dr. Saratha Sathasivam, Associate Professor, Universiti Sains Malaysia

Dr. S. A. Khan, Professor, Department of Mechanical Engineering, International Islamic University Malaysia, Kuala Lumpur, Malaysia

Dr. Wadhah Hussein Al Doori, Tikrit University, Tikrit, Iraq

Dr. Gyanendra Kumar Singh, Associate Professor, Adama Science and Technology University, Adama, Ethiopia

Dr. Kamil Kahveci, Department of Mechanical Engineering, Trakya University, Edirne/Turkey

Dr. S. Rajkumar, School of Mechanical and Electromechanical Engineering, Hawassa University, Ethiopia

Dr. Fuat Kara, Düzce University, Konuralp Campus, DÜZCE Turkey

Dr. Engin NAS, Dr. Engin PAK Cumayeri Vocational School, Duzce University, Cumayeri, Duzce (Turkey)

Dr. Menderes KAM, Dr. Engin PAK Cumayeri Vocational School, Duzce University, Cumayeri, Duzce (Turkey)

Dr. Mustafa, AYYILDIZ Duzce University, Faculty of Technology, Konuralp Campus, Duzce (Turkey)

Dr. Omer ERKAN, Duzce University, Faculty of Technology Konuralp Campus, Duzce (Turkey)

Dr. Sunada Chakravarthy, Research Scientist, GSL Solar Materials, US

Dr. Mustafa Turkyilmazoglu, Hacettepe University, Ankara, Turkey

Dr. Jaejin Jang, University of Wisconsin, Milwaukee, WI, United States

Dr. Nallamothu Ramesh Babu, SoMCME, ASTU, Adama

Dr. Shuva Ghosh, Bangladesh University of Engineering and Technology, Bangladesh

Dr. Vivek Pandey, School of Mechanical, Chemical and Materials Engineering, Adama Science and Technology University, Adama, Ethiopia

Dr. A. A. Eskinder, Defense College of Engineering, Ethiopia

Dr. Jammi Ashok, School of Electrical and Computer Engineering, Hawassa University (East Africa)

National Advisory Committee

Dr. Pravin Matte, G. H. Rasoni College of Engineering, Pune (India)

Dr. Rajendra Sutar, Sardar Patel College of Engineering and Technology, Mumbai (India)

Dr. R. E. Chaudhari, St. Fransis Institute of Engineering and Technology, Mumbai (India)

Dr. Vishal Satpute, Visvesvaraya National Institute of Technology, Nagpur (India)

Dr. S. Balamurugan, Kalaignar Karunanidhi Institute of Technology, Coimbatore, Tamilnadu (India)

Dr. Kalyan Kumar Jena, Indira Gandhi Institute of Technology, Sarang (India)

Dr. Farukh Hashmi Mohammad, National Institute of Technology, Warangal, (India)

Dr. Dinesh Bhoyarm, Yashawantrao Chawan College of Engineering, Nagpur (India)

Dr. Pravin Wararkar, Mukesh Patel School of Technology Management & Engineering Shirpur (India)

Dr. Hemprasad Patil, Vellore Institute of Technology, Vellore, Tamilnadu (India)

Dr. Chirra Kesava Reddy, Professor & Principal, Newton Institute of Science and Technology, Guntur, Andhrapradesh, India

Dr. Mrinal Kanti Manik, Director, LDC Institute of Technical Studies, Allahabad, Prayagraj, India

Dr. P. V. Walke, Deputy Director and Dean IQAC, G. H. Rasoni College of Engineering, Pune, India

Dr. Chandrahas C. Handa, Professor & Head, Karmavir Dadasaheb Kannamwar College of Engineering, Nagpur, India

Dr. R. S. Shelke, Professor & Head, G. H. Rasoni College of Engineering, Nagpur, India

Dr. (Mrs.) Shiena Shekhar, Professor & Head, Bhilai Institute of Technology, Durg, India

Dr. Rakesh L. Himte, Professor & Head, Rungta College of Engineering & Technology, Bhilai, Chhattisgarh

Dr. P. T. Saravankumar, Professor & Head, Dept of Automobile Engineering, Hindusthan Institute of Technology, Coimbatore, India

Dr. Begori Venkatesh, Professor, Vardhaman College of Engineering, Shamshabad, Hyderabad, India

Dr. D. B. Jani, Associate Professor, Government Engineering College, Dahod, Gujrat, India

Dr. Suraj Kumar Mukti, Assistant Professor, National Institute of Technology, Raipur, India

Dr. Srinivasu Gangi Setti, Assistant Professor, Department of Mechanical Engineering, National Institute of Technology, Raipur, India

Dr. Pulivarti S. Rao, Professor & Head, Christian College of Engineering & Technology, Bhilai, India

Dr. Shitalkumar A. Rawandale, Dean - Industry Institute Interaction, Pimpri Chinchwad College of Engineering, Pune, India

Dr. Joji Thomas, Associate Professor, Saveetha Engineering College, Chennai, India

Dr. Manish D. Pasarkar, Associate Professor, Bajaj Institute of Technology, Wardha, India

Dr. Kiran More, Associate Professor, D.Y. Patil Institute of Technology, Ambi, Pune, Maharashtra, India

Dr. Pavan Kumar Manvikar, Assistant Professor, Shri Madhwa Vadiraja Institute of Technology Bantakal, Udupi, India

Dr. Sanjay Sharma, Assistant Professor, Ajay Kumar Garg Engineering College, Gaziabad, UP, India

Dr. Sandip Joshi, Assistant Professor, Ramdeobaba college of engineering and management, Nagpur, India

Dr. Vivek Khond, Assistant Professor, G. H. Rasoni College of Engineering, Nagpur, India

Dr. Ashish S. Raut, Assistant Professor, G. H. Rasoni College of Engineering, Nagpur, India

Dr. Shashi Kant Verma, Institute of Plasma Research, Ahmedabad, Gujarat, India

Dr. Vednath Kalbande, Assistant Professor, G. H. Rasoni College of Engineering, Nagpur, India

CONTACT US

Email – conference@rame.org.in

Website - <https://conference.rame.org.in/icraic25/>