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1. **IntelliBotics: International Conference on Intelligent Hardware-Software Robotics – ICIHSR - 2024**

KMEA Engineering College, Ernakulam, Kerala, India in Association with Universiti Teknologi MARA, Malaysia

Abstract Submission, Registration

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1. ICIHSR-2024

KMEA Engineering College in Association with Universiti Teknologi MARA, Shah Alam, Malayia and Durban University of Technology, South Africa | February22-23, 2024

Abstract submission tab, Registration tab

* 1. About the Conference

IntelliBotics: International Conference on Intelligent Hardware-Software Robotics – ICIHSR - 2024

KMEA Engineering College, Edathala will host the First International Conference on Intelligent Hardware-Software Robotics (ICIHSR) from February 22-23, 2024. It will be an innovative and insightful event addressing the pressing global issue related to robotics technologies and safety engineering. This groundbreaking conference, featuring a dynamic combination of intellectual discourse and hands-on exploration, invites scholars, researchers, and innovators from around the world to delve into the realm of intelligent hardware-software robotics.

Important Dates

Deadline for the submission of the Abstract: 15 December 2023

Deadline for the submission of the Full Paper Submission: 5 January 2024

Deadline for the submission of the Registration Fee: 15 January 2024

* 1. About the Institution

The Kerala Muslim Educational Association was established in 1957 with the lofty aim of setting up quality educational institutions on a par with global standards promoting education among minority communities and providing financial aid to the economically weak and deserving students. Late Sri. Poker Sahib, an eminent Parliamentarian and Philanthropist and late Sri. K. M. Seethi Sahib, former speaker of the Kerala Legislative Assembly, was the key forces behind the formation of KMEA. Former Chief Minister Sri. C. H. Muhammed Koya has also actively participated in the formation of the association. KMEA Engineering College (KEC) was established in 2002 under the management of Kerala Muslim Educational Association, a charitable trust. It is approved by All India Council for Technical Education (AICTE) and affiliated to APJ Abdul Kalam Technological University. The college is accredited by the National Assessment and Accreditation Council (NAAC). Civil Engineering, Computer Science & Engineering, Electrical & Electronics Engineering, Electronics & Communication and Mechanical Engineering UG programs are accredited by the National Board of Accreditation (NBA).

* 1. Conference Awards for Short Invited Lectures & Posters

The conference organizers will present three awards for the best presentations and best posters. An International Jury will evaluate both the presentations and the posters.

1. Tracks

**Track I: Robotics and Automation**

* Robot Control Systems
* Security and Safety in Robotics
* Robotics in Industry
* Robotics in Agriculture
* Underwater Robotics
* Autonomous Robotic Systems
* Human-Robot Interaction
* Artificial Intelligence in Robotics
* Automation Technologies
* Robotics in Healthcare
* Bio-inspired Robotics
* Swarm Robotics
* Robotics in Education
* Robotics and Sustainable Development

**Track II: Safety and Fire Engineering**

* Fire Dynamics and Modeling
* Structural Fire Engineering
* Fire Detection and Suppression Systems
* Human Behaviour in Fire Safety
* Fire Protection Systems
* Wildfire Risk Assessment and Management
* Industrial Fire Safety
* Codes and Standards in Fire Safety
* Fire Investigation and Forensics
* Emergency Preparedness and Management
* Environmental Impact of Fires
* Inherent Safety in Industrial Operations
* Advanced Technologies in Fire Engineering

1. Call for papers

We enthusiastically encourage prospective authors to submit an electronic version of their original research papers that contain contributions of theoretical, experimental or application nature using Microsoft CMT. The conference is organized in two tracks of “Intelligent Hardware-Software Robotics & Safety Systems" and will feature distinguished invited speakers in each track.

The submitted papers must be substantially original work, which has neither been published before nor is under review for any other conference or journal. The ICIHSR strictly prohibits any plagiarism. The ICIHSR retains the right to eliminate any paper in violation of these requirements and to exclude the author(s) of such papers from future ICIHSR conferences. Selected papers recommended by the Review Committee would be compiled in a proceeding. It is planned to publish the proceedings with Apple Academic press exclusively co-publishing with CRC Press, Taylor and Francis group.

1. Registration

At least one unique author of each accepted paper must register on or before 15th January 2024 for the papers to be included for publication. The participating delegates should submit the registration form, copyright form, scanned copy of payment receipt and the camera-ready paper by email to icihsr@kmeacollege.ac.in on or before 31st January 2024.

Registration Fee

PG/UG Students – 3000

Research Scholar/ Academicians – 4500

Industry Delegates – 3500

Participants – 1000

Foreign PG/UG Students – 100 USD

Foreign Research Scholar/ Academicians- 200 USD

Registration Process

1. Submission of abstract – CMT Link
2. Payment of registration fees
3. Upload details in google form - – Google form link
4. Keynote Speakers – 3
5. Committee

CHIEF PATRON

Jb. Syed Basheer Ali Shihab Thangal - President, Kerala Muslim Educational Association (KMEA)

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Dr. Sajith T.A - Dean Research, KMEA Engineering College

Dr. Sangeetha C P - HoD, Robotics and Automation Engineering, KMEA Engineering College

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Ms. Aliya Shahul, KMEA Engineering College

Ms. Alaka P, KMEA Engineering College

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5. Contact

The Conveners,

**IntelliBotics: International Conference on Intelligent Hardware-Software Robotics** - **ICIHSR** – 2024- Email: ic

- ICACCES- 2024– Email: [icihsr@kmeacollege.ac.in](mailto:icihsr@kmeacollege.ac.in)

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