ABOUT THE DEPARTMENT

The Department of Mechatronics Engineering was established in the year 2000. It offers the U.G. Degree Programme - B.E. Mechatronics Engineering which is a multidisciplinary field that blends various disciplines of Engineering. It caters to a variety of skillsets needed in contemporary industries and is ably supported by well-qualified and experienced faculty members. As a mark its excellence in technical education, the Department is accredited by the NBA. It is equipped with 7 State of the art Laboratories which includes ABB Six Axis Industrial Robot, 3D Printers, ABB PLC and HMI panel, Electro Pneumatic Kits, Advanced sensors and actuators, Licensed Softwares etc., The students are encouraged to be a part of the professional bodies like IEEE Robotics & Automation Society and The Robotics Society of India. Apart from offering industry ready and cutting-edge curriculum, the department focuses on the wholesome development of the students. The Department is committed to offer world class education in the fields of Robotics and Automation.

ABOUT THE INSTITUTION

Sri Krishna College of Engineering and Technology is an Autonomous Institution, accredited by NAAC with 'A' Grade. The Institution is ranked 77th among Engineering colleges in India by the MHRD - National Institution Ranking Framework (NIRF) 2023. The Institution offers 11 UG Programmes, 4 PG Programmes, 1 Integrated Programme and 6 Research Programmes. 7 of the UG Programmes are accredited by the NBA. It provides an exciting academic environment with well qualified and dedicated faculty members to inspire and nurture the student fraternity. With industry drafted curriculum and syllabi, the Institution takes every effort to bring its students to the forefront of the society as skillful and responsible Engineers. The Institution is bestowed with the World class facilities including State of Art laboratories, Smart classrooms, Library, Gymnasium, Health center, Indoor stadium and Open air theatre, making it a suitable place for young engineers to realize their dreams.

CALL FOR PAPERS

The major topics of the Conference are as follows but not limited to

Innovations in Robotics

- Robot Design
- Mobile Industrial Robots
- Collaborative Robots
- Multi Robot Systems
- Robot Intelligence
- Humanoid Robots
- Medical Robotics
- Cloud and Cognitive Robotics
- Underwater Robotics
- Soft Robotics
- Field and Service Robots
- Drone Technology

Intelligent Automation and Control

- AI based Automation
- Internet of Things based Automation
- Intelligent Systems & Algorithm
- Intelligent Process Control
- E Vehicles and Connected Vehicles
- Smart Manufacturing
- Advanced Control Algorithms
- Smart Sensing Technologies
- Artificial Intelligence
- Big Data and Data Analytics
- Cyber security

SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY

**An Autonomous Institution, Affiliated to Anna University,
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DEPARTMENT OF MECHATRONICS ENGINEERING

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South Korea

INTERNATIONAL CONFERENCE ON INNOVATIONS IN ROBOTICS, INTELLIGENT AUTOMATION AND CONTROL (ICIRIAC 2024)
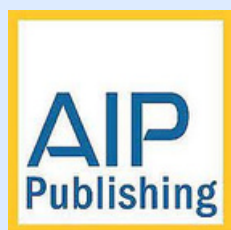
February 02, 2024

ABOUT THE CONFERENCE

The Second Edition of International Conference on Innovations in Robotics, Intelligent Automation and Control (ICIRIAC 2024) is a flagship conference in the field of Robotics and Automation. It aims to bring together researchers, academicians, industrialists and end-users of the Robotics and Automation community to share their knowledge, expertise and recent innovations to foster collective advancement of the field. It serves as a wonderful platform for amalgamation and dissemination of research findings and disruptive technologies involving a wide range of fields like Automation, Robotics, 3D Printing, Smart Manufacturing, Mechatronics, Connected Vehicles, and many more. The participants will be illuminated by expert lectures from Scientists and Industrialists on cutting edge technologies in the National and International realm.

The proceedings of ICIRIAC 2024 will be published in AIP Conference Proceedings which is indexed in Scopus, and Web of Science (CPCI).

Important Dates:

Paper Submission   :   30.12.2023
Paper Acceptance   :   05.01.2024
Registration   :   10.01.2024
Conference Date   :   02.02.2024

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Authors can submit full manuscript of the proposed work relevant to the themes of the conference before the deadline. Manuscript should contain the main objective(s) of the work, materials, methodology, results and discussions adopted. All the contributing authors are to be mentioned with their current affiliation below the title of the manuscript. Corresponding author's E-mail address has to be included while submitting the manuscript. Submitted manuscripts must represent original unpublished research that is not currently under review for any other conference or journal. Authors are instructed to follow the guidelines. Authors may contact the Conference coordinators for more information.

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