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. Beyond academics, the department fosters critical thinking, creativity, and leadership, ensuring students are industry-ready and future-focused. With a vision to lead in the realms of Robotics and Automation, the Department of Mechatronics Engineering stands as a beacon of world-class education, nurturing engineers who will shape the future of technology.

ABOUT THE INSTITUTION

Sri Krishna College of Engineering and Technology is an Autonomous Institution, affiliated to Anna University Chennai, accredited by NAAC with 'A++' Grade (3.71 out of 4 scale) for its academic excellence. The Institution offers 11 UG Programmes, 4 PG Programmes, 1 Integrated Programme and Research Programmes with Institute Level Research Centre Recognition by Anna University having Industry drafted curriculum and syllabi, steered by well qualified and dedicated faculty members.SKCET provides an exciting academic environment with well qualified and dedicated faculty members to inspire and nurture the student fraternity. The Institution is ranked 83rd among Engineering colleges in India by the MHRD- National Institutional Ranking Framework 2024 and 11-50 in NIRF Innovations Category. Adding to its illustrious accolades, SKCET has been proudly chosen as a Nodal Center for Smart India Hackathon 2024, an honor it has achieved for an impressive fifth time. 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, Accredited by NAAc with A++ Grade
Kuniamuthur, Coimbatore - 641008

DEPARTMENT OF MECHATRONICS ENGINEERING

in association with

KYUNGPOOK NATIONAL UNIVERSITY
South Korea

THIRD INTERNATIONAL CONFERENCE ON INNOVATIONS IN ROBOTICS, INTELLIGENT AUTOMATION AND CONTROL (ICIRIAC 2025)
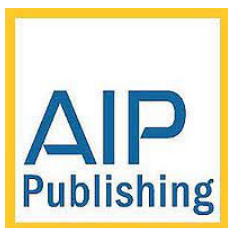
March 28, 2025

ABOUT THE CONFERENCE

The Third International Conference on Innovations in Robotics, Intelligent Automation and Control (ICIRIAC 2025) 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 2025 will be published in AIP Conference Proceedings which is indexed in Scopus, and Web of Science (CPCI).

Important Dates:

Paper Submission: 10.02.2025
Paper Acceptance: 20.02.2025
Registration: 02.03.2025
Conference Date: 28.03.2025

ORGANIZING COMMITTEE

Chief Patron
Smt. S. Malarvizhi
Managing Trustee,
Sri Krishna Institutions, Coimbatore.

Patron
Dr. K. Porkumaran,
Principal,
Sri Krishna College Engineering and Technology, Coimbatore.

Convener
Dr. M. Lydia
Professor & Head,
Department of Mechatronics Engineering,
Sri Krishna College Engineering and Technology, Coimbatore

Coordinators
Dr. K. Ananthi
Dr. J. Indirapriyadharshini
Dr. S. Madhankumar
Department of Mechatronics Engineering,
Sri Krishna College Engineering and Technology, Coimbatore

Keynote Speakers
Dr. Anand Paul,
Louisiana State University,
United States.

Mr. R. Nirmal Krishna
R&D Engineer, Nordic
Semiconductor, Norway

SUBMISSION GUIDELINES

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.

Manuscript may be sent to iciriac25@gmail.com

For paper format instructions please visit:
https://aip.scitation.org/apc/authors/preppapers

Registration Fee Details
Indian Authors : ₹ 10500 per manuscript
Indian Listeners: ₹ 3000
Foreign Authors: $ 150 per manuscript
Foreign Listener: $ 50

Conference Venue: Online

For Queries Contact:
Dr. K. Ananthi, ASP/MCT,
+91 9486091362
Dr. J. Indirapriyadharshini, ASP/MCT,
+91 8072083548
Dr. S. Madhankumar, AP/MCT,
+91 8344483282
iciriac25@gmail.com
www.skcet.ac.in
www.iciriac.in