2025 Second International Conference on Systems, Control and Automation (ICSCA-2025)
December 26-27, 2025

Organized by the Department of Electrical Engineering at National Institute of Technology Kurukshetra, India (in hybrid mode)

All the recommended papers after the presentation will be submitted to the Springer and the final papers accepted by Springer (after a quality check) are proposed to be published online in LNEE Springer (Scopus Index) [Under Process].
Best paper presentation award will be given as per the thematic session in the conference.
For details, please visit at https://sites.google.com/nitkkr.ac.in/icsca-2025/home

Theme of the Conference: Industrial Automation for a Sustainable Future

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About the Conference
ICSCA-2025 is the second series of International Conference on Systems, Control and Automation organized by NIT Kurukshetra. For the first time, this conference was initiated by NIT Kurukshetra in year 2023. It will be providing an ideal platform for technical exchange, networking and most importantly emphasizing on the innovation and promotion of the use of automation technology among academia and industry. For the sustainable development and growth of automation in industries, advances in systems, and control are important enabling technologies. We hope ICSCA-2025 will be one of the remarkable and unforgettable events for the all.

About NIT Kurukshetra
NIT Kurukshetra, formerly known as Regional Engineering College, Kurukshetra, was founded in 1963. It was conferred upon the NIT status with Deemed University on June 26, 2002. The Institute offers several courses in various disciplines of B.Tech., M.Tech., MBA and MCA, and Ph.D. with an annual intake of about 1500 students. Institute also provides excellent facilities for advanced research in the emerging areas of Engineering, Science, and Technology. The institute has well-qualified and dedicated faculty along with supporting staff, laboratories, and other infrastructure. The infrastructure is geared to enable the institute to produce technical personnel of high quality.

About Department of Electrical Engineering
The Department offers B. Tech, M. Tech, and Ph.D. Degrees. The B.Tech. program in Electrical Engineering provides is run with a number of elective courses. The department has three M. Tech courses with specialization in Control Systems; Power Systems; Power Electronics and Drives and offers Ph.D. in different areas evolving innovations and developments in all disciplines of Electrical Engineering.
The significant research areas are Robust Control, Adaptive Control, Nonlinear Systems, Instrumentation, Signal Processing, Reliability and System Engineering, Cyber-Physical Systems, Renewable Energy, Electric Vehicles, Marine Robotics, Industrial Automation, Robotics, Intelligent Control, etc.

Paper Submission Guidelines
Prospective authors are requested to submit their paper whose length should be more than 05 pages. The paper must clearly state the objectives of the work, its significance in the advancement of scientific and technical knowledge.

Tracks of the Conference

Track 1: Advances in System, Control &Automation
Advances in theoretical aspects of System, Control and Automation (SCA), Adaptive, robust, distributed, intelligent, and digital control, Process control andautomation, Estimation, modeling and identification, Novel instrumentation for process measurement

Track 2: Sensors, Robotics& Automation
SMART sensors, vision sensors, sensor fusion, wireless sensors, and internet of things, MEMS, Robotics, Mechatronics, Remote sensing, telemetry and its applications, Automated vehicle control, Wireless sensor networks

Track 3: Signals analysis, Conditioning & Monitoring
Signal analysis, image processing and health monitoring applications, Sensor network and internet of things, Instrumentation for condition monitoring, Application of CA in wireless communication system, Fault analysis and reliability of instruments

Track 4: Circuits and Systems
Biomedical circuits and systems, Linear and nonlinear circuits and systems, Sensory circuits and systems, Bioinspired and bioengineering circuits and systems, Communication circuits and systems

Track 5: Computational Intelligence and Automation
Fuzzy, neural, and optimization techniques in SCA,FPGA, real time system, and embedded system, Virtualinstrumentation.

Track 6: Automation in Green Energy and Interdisciplinary Areas
Application of Control & Automation in power electronics and drive, smart gird, and Microgrids, power quality monitoring, power system protection, Application of Control & Automation in other engineering fields, Instrumentation and control in power generation.

Registration Fees

Registration Category	Indian Delegates (in INR)		Foreign Delegates (in USD)	
	Up to 10/11/2025	After 10/11/2025	Up to 10/11/2025	After 10/11/2025
Students/Research Scholars/JRF/SRF	3,000+GST@18%	4,000+GST@18%	100+GST@18%	150+GST@18%
From Academia	4,000+GST@18%	5,000+GST@18%	200+GST@18%	250+GST@18%
From Industry/R&D	6,000+GST@18%	7,000+GST@18%	300+GST@18%	350+GST@18%

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Important Dates

Submission of full manuscripts: 5th June 2025 to 30th August 2025

Notification of acceptance: 30th September 2025

Submission of camera-ready paper: 16th October 2025

Early Bird Registration: 16th October 2025 to 10th November 2025

Late Registration (After): 10th November 2025

Important Links

Conference Website:
https://sites.google.com/nitkkr.ac.in/icsca-2025/home

Paper Submission Link:
https://cmt3.research.microsoft.com/ICSCA2025/Submission/Index

The template concerning the paper is available at:
https://www.springer.com/us/authors-editors/conference-proceedings

Google Map to reach NIT Kurukshetra:
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