4ᵗʰ International Conference on Intelligent Computing, Information and Control Systems

(ICOIICS 2025)　　19–21, November 2025

Organized by

Nepal College of Information Technology
Affiliated to Pokhara University

ELECTRON DEVICES SOCIETY

IEEE

Scope of the Conference

The 4th International Conference on Intelligent Computing, Information and Control Systems (ICOIICS 2025) aims to bring together researchers and practitioners from both academia and industries to share their latest innovations, trends, and challenges in the fields of intelligent computing, information systems, and control systems. This year, the conference theme is centred on advancing the electronic devices and systems, exploring how advancements in intelligent computing and control systems can enhance the design, functionality, and efficiency of electronic devices and systems. ICOIICS 2025 invites research submission on innovative solutions, case studies, theoretical frameworks and experimental results that contribute to the advancement of intelligent computing, information systems, control systems, and their integration with electronic devices and systems

About The College

Nepal College of Information Technology – NCIT, established in 2001, runs Pokhara University-affiliated Bachelor's and Master's programs – BE, BBA, BCA, ME, MSc & MCIS. Our Engineering Degrees are approved by the Nepal Engineering Council. It has produced over a thousand engineers since its establishment.

NCIT, a pioneer private institution providing engineering education in Nepal, is renowned for excellence in teaching & research, while maintaining close and mutually beneficial links with various sectors. The College provides excellent higher education opportunities and nurtures individual talent using an applicable knowledge base that fully supports ongoing social changes and economic advances.

The institution is committed to providing quality education in various engineering disciplines keeping in mind emerging professional needs. Our highly qualified and experienced faculty is fully dedicated to their teaching. We have a state-of-the-art infrastructure to foster academic excellence. Moreover, we provide vital non-credit inputs including research & project work, supplementing the regular courses to meet the diverse learning needs of its students and improve their employability.

The College is also an authorized training partner of CISCO, Red Hat, and Microsoft. It provides related- training and conducts preparatory examinations leading to internationally recognized certifications from these renowned institutions. NCIT has MOUs with the Microsoft Innovation Center and many reputed multinational and local companies for internships and training programmers.

NCIT envisions an institutional role for itself beyond academic boundaries. It takes the aspirations and future success of its students as pathway to nation building.

Call for Papers

Track – 1: Intelligent Computing and Information Systems

- ➥ Artificial Intelligence in Embedded Systems
- ➥ Machine Learning for IoT Devices
- ➥ Data Analytics and Human-Computer Interaction in Smart Devices
- ➥ Intelligent Sensors and Actuators
- ➥ Cloud Computing for Electronic Systems
- ➥ Edge Computing in Intelligent Devices
- ➥ Cognitive Computing in Electronic Devices
- ➥ Security and Privacy in Intelligent Systems
- ➥ Neural Networks in Embedded Electronics
- ➥ Predictive Analytics in Maintenance of Electronic Devices
- ➥ Smart Grid and Intelligent Energy Management Systems

Track 2: Control Systems and Electronic Devices

- ➥ Adaptive Control in Smart Electronics
- ➥ Distributed Control in Networked Devices
- ➥ Optimization of Control Algorithms in Electronic Devices
- ➥ Nonlinear Control in Complex Systems
- ➥ Energy-Efficient Control Systems in Power Electronics
- ➥ Fault-Tolerant Control in Electronic Systems
- ➥ Self-Tuning Controllers in Electronic Systems
- ➥ Multi-Agent Systems in Distributed Control
- ➥ Sensorless Control Techniques in Electric Drives
- ➥ Real-Time Feedback Control in Wearable Electronics
- ➥ Advanced Control Strategies for High-Frequency Power Converters
- ➥ Intelligent Control of Renewable Energy Systems

Manuscript Submission

Submit the full manuscript with subject of ICOIICS 2025 Submission via Email:

iciicscontact@gmail.com

Publication

All registered and presented papers will be submitted for inclusion into IEEE Xplore.

IEEE

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