

International Conference on Intelligent Computing and Control Systems

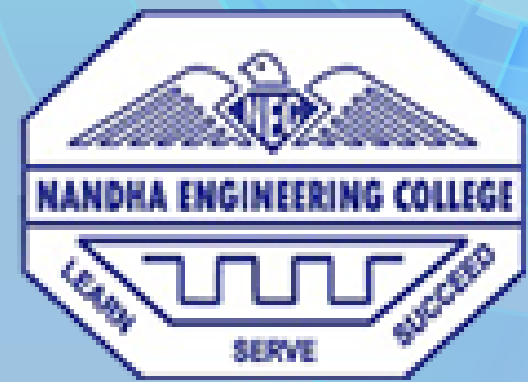


ICICCS 2026

16-18, March 2026

Organised by

**Nandha Engineering College,
Erode, India.**



About the Conference

The 2026 International Conference on Intelligent Computing and Control Systems (ICICCS) offers a comprehensive platform for researchers, academicians, industry professionals, and practitioners to discuss and disseminate the latest advancements in intelligent computing and control systems. The goal of ICICCS 2026 is to implement sustainable practices and energy-efficient solutions in the field of Internet of Things (IoT) and embedded systems. It includes research on low-power devices and protocols, as well as the use of advanced materials to improve the sustainability of these technologies. ICICCS 2026 focuses on the development and innovation of circuits that prioritize energy efficiency and sustainability. It aims to address the growing demand for environmentally friendly and power-saving technologies in the semiconductor and electronics industries. Furthermore, addresses the challenges and innovations related to the integration of renewable energy sources into smart grids. It emphasizes circuit design solutions that enhance the reliability, efficiency, and communication within the power grid.

About the College

Established in 2001, Nandha Engineering College, which started with 3 branches, is in its 25th year of service to the student community. It remains the flagship brand of Nandha Educational Institutions and is recognized as one of the best engineering colleges in the state of Tamil Nadu.

Nandha Engineering College, under the guidance of the illustrious Chairman Thiru. V. Shanmugan and Secretaries Thiru. S. Nandhakumar Pradeep and Thiru S. Thirumorthy, with foresight and far-reaching vision, is at the forefront of innovation in technical and management education.

The college, as of now, is functioning with 3000 students belonging to 12 Engineering and Technology departments, Computer Applications, Management Studies, Basic Science and Humanities Department. Nandha Engineering College excels as one of the Top Engineering Colleges in Erode.

Call for Papers

Track - 1

- 1.Intelligent Optimization and Control for Sustainable Circuit Design
- 2.Machine Learning-Driven Optimization and Intelligent Control for Ultra-Low-Power Circuits
- 3.Intelligent Power Management using Reinforcement Learning for High-Efficiency Power Converters
- 4.Predictive Maintenance for Power Converters with Integrated AI and Control Systems
- 5.Neuromorphic Computing on Battery-Powered Devices
- 6.Intelligent computing tools in sustainable design
- 7.Quantum control for complex physical systems

Track - 2

- 1.Smart Grid and Renewable Energy Integration with Intelligent Control
- 2.Intelligent Control Systems and Machine Learning for Optimal Power Harvesting
- 3.Intelligent Control for Fault Detection and Isolation
- 4.Model predictive control (MPC) for nonlinear and hybrid systems
- 5.AI-powered Demand Response Management with Intelligent Control in Smart Grids
- 6.Real-Time Power Quality Optimization with Hybrid Control Systems
- 7.Wide-area monitoring and control systems for smart grids (WAMS)

Track - 3

- 1.Intelligent Computing and Control for Sustainable IoT Systems
- 2.Energy-Aware Task Scheduling with Intelligent Control for Resource-Constrained IoT Devices
- 3.AI-driven Resource Management and Intelligent Control
- 4.Safety-critical control systems with IIoT integration
- 5.Federated Learning and Intelligent Control for Energy-Efficient Anomaly Detection
- 6.Hardware-Software Co-design for Low-Power Edge Computing and Intelligent Control
- 7.Biodegradable and Biocompatible Materials with Adaptive Control Systems for Wearables

Manuscript Submission

Send the paper via
Email

iccs.confchair@gmail.com

on or before the given deadline.

Publication

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



IEEE XPLORE COMPLIANT ISBN: 979-8-3315-8947-9

IEEE DVD ISBN: 979-8-3315-8946-2

Conference Venue

Nandha Engineering College

Erode - Perundurai Main Road,
Vaikkaalmedu, Erode - 638 052, India.

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