

NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI

The National Institute of Technology (NIT) Tiruchirappalli, formerly known as Regional Engineering College, was established in 1964 as a joint initiative of the Government of India and the Government of Tamil Nadu to meet the country's growing demand for skilled professionals in technology. Located in the heart of Tamil Nadu along the banks of the Cauvery River, the institute offers undergraduate programs in ten branches and postgraduate programs across twenty-six disciplines in Science, Engineering, Technology, Management, and Architecture. Additionally, it provides M.S. (by Research) and Ph.D. programs in all departments.

HOW TO REACH NITT?

NIT Tiruchirappalli is situated on the Tiruchirappalli-Tanjore Highway (NH-67), approximately 23 km from Trichy Railway Station. Visitors can reach the campus by taking Bus No. 128 or any Tanjore-bound bus from the Central Bus Stand (CBS). Additionally, town buses from the Chatram City Bus Stand provide convenient access to the institute.

DEPARTMENT OF INSTRUMENTATION & CONTROL ENGINEERING

The Department of Instrumentation and Control Engineering was established in the year 1993. After the institute became NIT, the department has grown not only as an esteemed teaching facility but also as a pioneer in field of research. The department offers Under Graduate (UG)-B.Tech., Post Graduate (PG)- M.Tech. in Industrial Automation, and M.Tech. in Process Control and Instrumentation (offered jointly with the dept. of Chemical Engineering) and research programmes- M.S. (by Research) and Ph.D. programmes that provide students with the knowledge and tools they need to succeed in the field of instrumentation and control.

The faculty members are working intensively in network control systems, energy harvesting, product development, assistive devices, cyber physical systems, next generation controllers, automation for agriculture, smart materials and structures, biomedical instrumentation, path planning algorithms for unmanned vehicles, intelligent control of big data systems, to name a few.

NATIONAL LEVEL WORKSHOP ON INDUSTRIAL OPERATIONS

& CONTROL

12th to 14th MARCH 2026



Overall Coordinators:
Dr. Ramakalyan Ayyagari
Dr. K. Srinivasan

Organized by

**Department of Instrumentation
&**

Control Engineering

National Institute of Technology

Tiruchirappalli 620 015

Tamil Nadu, India

www.nitt.edu

INTRODUCTION

This Workshop provides a comprehensive introduction to modern industrial process management and control methodologies. This program is designed to bridge the gap between theoretical concepts and real-world industrial practices, offering participants a clear understanding of how large-scale operations are planned, monitored, optimized, and automated.

This workshop aims to equip students, researchers, and industry professionals with the fundamental skills and applied knowledge required to address contemporary challenges in industrial operations, enabling them to contribute effectively to the evolving landscape of modern industries keeping in view the recent developments in the name of i4.0 and upwards.

TARGET AUDIENCE

The workshop is intended for professionals involved in the planning, execution, monitoring, and optimization of industrial processes. It is ideal for plant managers, operations engineers, production supervisors, automation and control engineers, maintenance personnel, quality assurance teams, and technical consultants seeking to enhance their knowledge of modern industrial operation and control strategies. Faculty, Scientists, and graduate students from Academia and Research Institutions will also get benefited from the state-of-the-art perspective of the workshop.

COURSE COORDINATORS

- ❖ **Dr. S. Vinodh, PE** - Concepts of Lean and Sustainability in Industry 4.0
- ❖ **Dr. S. Prasanna Venkatesan, PE** - Supply Chain in Healthcare
- ❖ **Dr. G.R. Gangadharan, CA** - Data Analytics and ML software tools for Supply Chains
- ❖ **Dr. Malolan Surdararaman, DoMS** - ML in Supply Chain Logistics
- ❖ **Eminent Speakers from Industry to confirm soon.**

SCHEDULE OF THE PROGRAMME

Day	Session – 1	Session – 2	Session – 3	Session -4
1	Operations & Planning	Global Procurement	Logistics	Hands-on
2	Digitization Strategy	Machine Learning	Industry talk	Hands-on
3	Software tools	Analytics	Use Cases in Fintech	Hands-on

Payment Procedure:

Go to <https://onlinesbi.sbi.bank.in/sbicollect/> → Select Category: Educational Institutions → Select Conference and Workshop NIT Trichy → Payment Category: “ICE 2026 – Industrial operation and control” and provide details of payment and submit.

REGISTRATION

Registration fee for PG/Scholars – Rs. 1000 + 18% GST
Registration fee for academicians – Rs. 1500 + 18% GST
Registration fee for industrials – Rs. 2500 +18% GST

- Number of participants is limited to 30, Participants will be selected on a first-come, first-served basis.
- Lunch and refreshments will be served to the participants during the event
- Participants will receive a certificate of participation on attending the session
- Last date of registration is **2nd March 2026**
For registration, Click on the Link
https://docs.google.com/forms/d/e/1FAIpQLSfF88ao6EamL76HsG-PDjmDQZG2A3LbiqUSDWaf_nw2oC53YA/viewform?pli=1

Or scan the barcode below



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