TARGET AUDIENCE

This five day short term course is deliberately designed for the faculty members of the AICTE approved institutions (Polytechnic Colleges and Engineering Colleges), research scholars, PG Scholars, participants from Government, Industry (Bureaucrats /Technicians /Participants from Industry etc.) and staff of host institutions.

RESOURCE PERSONS

Faculty experts from premier academic institutions and Invited experts from leading industries, research and development organizations.

PARTICIPATION CERTIFICATE

E-Certificate will be issued based on the attendance percentage, assignment score and submission of feedback.

ADDRESS FOR CORRESPONDENCE

Mrs. T. Suganya
Lecturer / Instrumentation and Control Engineering, Faculty Development Training Centre, Government College of Technology, Coimbatore – 641 013.
E-mail: ftc@gct.ac.in

OBJECTIVE

Smart industry, Automation and Industry 4.0 approaches the main strategic elements and best practices to understand the paradigm shift driven by the Internet of Things (IoT) toward the Fourth Industrial Revolution and the development of innovative digital business.

- To provide the participants with a comprehensive understanding on design and analysis of automation of industries.
- To ensure that the participants are aware of the current state of art on operation and control of IIoT, Industry 4.0 and associated technologies.
- To enable the participants to apply advanced analysis tools in operation of industrial automation systems

OVERVIEW

Smart industry, Automation is one of the important aspects in current industrial scenario that needs careful investigation. In this process, data acquisition system plays a major role as a base of the industrial automation. With the recent trends and developments in IIoT, Industry 4.0, smart automation is emerging efficiently compared to normal systems. This Faculty Development Programme (FDP) identifies the challenges and opportunities involved in various industrial applications and smart automation. It also aims at equipping teachers with skills and knowledge in the area of Industrial Automation and to keep abreast with the continuous changes in the Automation industry. It would help in guiding the students and research scholars who would like to venture and make good career in the field of Industry Automation. Incorporating diverse concepts – like the Internet of Things, Cloud computing, and artificial intelligence – its goal is to change traditional industrial production plants into the smart factories.

Tamil Nadu State Government Sponsored Five Day ONLINE Faculty Development Program On
RECENT ADVANCEMENT IN SMART INDUSTRY

21-11-2022 to 25-11-2022

Organized by
FACULTY DEVELOPMENT TRAINING CENTRE
GOVERNMENT COLLEGE OF TECHNOLOGY
Coimbatore - 641 013, Tamilnadu, India.
and
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
COIMBATORE INSTITUTE OF TECHNOLOGY
(A Government Aided Autonomous Institution)
Coimbatore - 641 014, Tamilnadu, India.

HOST INSTITUTION

The **V. Rangasamy Naidu Educational Trust** devoted to the cause of promoting technical and Scientific Literacy established **Coimbatore Institute of Technology**, popularly known as **CIT** in 1956 with the founder principalship of Shri. P. R. Ramakrishnan, an alumnus of MIT, USA. The institute is situated in a sprawling campus of about 25 hectares on the Chennai-Cochin National Highway (NH-47) and is about 7 Kms. from Coimbatore Railway Junction and 2 Kms. from Civil Aerodrome. The Institute is affiliated to the Anna University, offers Bachelor's, Master's and Doctoral programs in various disciplines. The Institute boasts of strong Academic Industrial Interaction and a high quality of research and consultancy. CIT, managed by a pedigreed lineage for the past **65** years, enjoys national and international repute. The students graduated from CIT are rendering excellent service globally with many CITians occupying leading positions in premier corporate, academic and industrial organisations.

HOST DEPARTMENT

The Department of Electrical and Electronics Engineering is one of the earliest departments in CIT which offers both under graduate, post graduate and Ph.D programmes. The department has a team of well experienced faculty members having vast experiences in various engineering and technology with specialization in the areas like Power Electronics, Power Quality, Energy Engineering, Power Systems, Control Systems, Embedded Systems, VLSI and Wireless communications. The faculty members and students of the department are dedicated to work in the current needs of the industry and have the ability to improve their expertise and incorporating the new technology to meet the emerging industrial challenges. The main objective of the department is to create a highly skilled industry ready workforce to deal with the technical challenges faced by the industries.

ORGANIZING COMMITTEE

PATRON

Dr. P. Thamarai
Principal,
GCT, Coimbatore

HOD / FDTC

Dr. T. Purusothaman
Professor, FDTC,
GCT, Coimbatore

CONVENER

Dr. A. RAJESWARI
Principal,
CIT, Coimbatore

Dr. S. VASANTHARATHNA,
Professor and Head,
Department of EEE, CIT

Coordinators

Dr.S.GUNASEKARAN
Dr S.NANDAKUMAR
Assistant Professor,
Department of EEE, CIT

IMPORTANT DATES

Last date for registration	15.11.2022
Selection Intimation	16.11.2022
Confirmation of Participants	17.11.2022

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Registration Link:
https://forms.gle/YG2SPAwysSYs5oGZ6

QR Code:

REGISTRATION

- No Registration fee.
- Faulty members from AICTE approved institutions (Polytechnic Colleges and Engineering Colleges) are invited to participate in this Programme.
- Participants will be selected on first-come first-served basis.
- Selected candidates will be intimated by E-mail.