TARGET AUDIENCE

This five day faculty development program is deliberately designed for the faculty members of the AICTE approved institutions (Polytechnic Colleges and Engineering Colleges)

RESOURCE PERSONS

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

PARTICIPATION CERTIFICATE

Certificates will be provided only to participants who attend all the sessions, 50% of Test Mark and submission of Feedback.

IMPORTANT DATES:

Last date for registration**: 31-07-2025**

Intimation of selection: **01-08-2025**

VENUE FOR FDP:

Faculty Development Training Centre, Government College of Technology, Coimbatore.

ADDRESS FOR CORRESPONDENCE

Dr. N. Karimilla Bi,
Assistant Professor/Mathematics,
Faculty Development Training Centre,
Government College of Technology,
Coimbatore - 641 013. Phone: 9445357125

OBJECTIVE

The objective of the FDP program is to

- ❖ **To update faculty with the latest trends in industrial automation**
- ❖ **To introduce key concepts of PLC, SCADA, and control systems**
- ❖ **To provide basic troubleshooting and hands-on training in automation tools**
- ❖ **To bridge the gap between academic learning and industrial applications**

COURSE OUTLINE

- ❖ **Identify the different types of industrial automation systems**
- ❖ **Understand the integration of industrial automation components**
- ❖ **Identify the parts and functions of PLCs, sensors, actuators, and control panels**
- ❖ **Recognize potential hazards and safety measures in industrial automation environments**
- ❖ **Use the correct tools and equipment for installing and maintaining automation systems**

Tamil Nadu State Government Sponsored One Week Offline Faculty Development Programme On "Industrial Automation" 04-08-2025 to 08-08-2025

Organized by

Faculty Development Training Centre

Government College of Technology

Coimbatore-641013, Tamilnadu, India.

&

Department of Mechatronics

PSG Polytechnic College, Peelamedu, Coimbatore- 641004, Tamilnadu,India

ABOUT GCT, COIMBATORE

Government College of Technology, Coimbatore formerly known as the Arthur Hope College of Technology, was started in July 1945 to give high priority to Technical Education. The institute was renamed as Government College of Technology and affiliated to University of Madras in1951. The institute offers nine UG and eleven PG programs with RECOGNIZED research supervisors to pursue M.S. (by Research) and Ph.D. programs. The institute was granted full autonomy for all the UG and PG courses from the academic year 1987-88. Each Department has well qualified faculty members and excellent infrastructural facilities. The institute received TEQIP funds in Phase I, II and III of MHRD project. The institute is accredited by NAAC with 'A' grade.

ABOUT THE FACULTY DEVELOPMENT TRAINING CENTRE

The Faculty Development Training Centre was established in the year of 2019 to provide technical trainings to Engineering and Polytechnic college faculty members by Tamil Nadu State Government. It is equipped with sophisticated smart class rooms and tutorial rooms. It provides boarding and lodging facilities to resource persons and participants during the training program .The programs are organized to enhance the teaching skills of faculty members.

ABOUT THE INSTITUTION

PSG Polytechnic College, established in the year 1939, a pioneer institution in the field of Technical Education and Research is a Government aided, ISO 9001 Certified institution with Autonomous status from 1976.The polytechnic College has the best laboratories with free access to the students and prepares them with the latest method of learning industrial practice.

ORGANIZING COMMITTEE

PATRON
Dr. K. Manonmani,
Principal, GCT, Coimbatore.

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

CONVENORS
Dr. B. Giriraj,
Principal,
PSG Polytechnic College, Coimbatore.
Mrs. D. Sujatha,
HoD,
Department of Mechatronics,
PSG Polytechnic College, Coimbatore.

COORDINATORS
Mr. S. Thirumalai Rajan,
Lecturer,
Department of Mechatronics,
PSG Polytechnic College, Coimbatore.
Mrs. G. Hemalatha,
Lecturer,
Department of Mechatronics,
PSG Polytechnic College, Coimbatore.

LIST OF RESOURCE PERSONS

1. **Mr. R.R. Jayakumar,**
Business Leader- Intelligent Devices- South India,
M/s Rockwell Automation Pvt. Ltd,
Bangalore.
2. **Mr. K. Sivashanmugam,**
Deputy General Manager,
M/s Janatics Global Solutions Pvt Ltd,
Coimbatore.
3. **Mr. K. Dinesh kumar,**
Managing Director,
M/s RD Automation Pvt Ltd,
Coimbatore.
4. **Mr. V. Sivaganesh,**
Founder and CEO,
Grow i Tech,
Coimbatore.
5. **Mr. A Gopalakrishnan,**
Industry 4.0/MES Techno functional consultant,
M/s SLB Pvt Ltd
Coimbatore.

Tamil Nadu State Government Sponsored One Week Offline Faculty Development Programme On
"Industrial Automation"
04-08-2025 to 08-08-2025

Registration Link:
https://forms.gle/J8gYUTTsfe15LWAT6

QR Code:

REGISTRATION

➤ No Registration fee.
➤ Faculty members from AICTE approved institutions (Polytechnic Colleges and Engineering Colleges are invited to participate in this Program)
➤ Participants will be selected on first-come first- served basis
➤ Selected candidates will be intimated by E-mail.
➤ Selected candidates must bring laptop.
➤ Accommodation and Food (Breakfast, Lunch & Dinner) will be provided by FDTC.

Faculty Development Training Centre, Government College of Technology, Coimbatore–13

Tamil Nadu State Government Sponsored One Week Offline FDP on

"Industrial Automation"
04-08-2025 to 08-08-2025

ENROLLMENTFORM

1.	Name	:	
2.	Designation	:	
3.	Qualification	:	
4.	DOB &Sex	:	
5.	Department	:	
6.	Name of College	:	
7.	Address for Communication	:	
8.	Mobile No	:	
9.	Whatsapp No	:	
10.	E–mail	:	
11.	Whether accommodation is required	:	**Yes/No**
12.	Will Reach on	:	**03.08.2025 Evening/04.08.2025 Morning**

Signature of the Applicant

This is to certify that Mr./Mrs./Dr. _____ **is permitted to attend Tamil Nadu State Government Sponsored One Week Offline FDP on "Industrial Automation"** from **04-08-2025 to 08-08-2025.**

Date: Seal and Signature of Head of the Institution