

## ABOUT THE INSTITUTE

Government Engineering College, Gandhinagar is approved by AICTE, administrated by Directorate of Technical Education, Gujarat State & it is affiliated to Gujarat Technological University. Since its establishment in 2004, the college is committed to give best education to students in a manner that they not only excel in academics but are completely aware of future industrial needs for professional expertise through innovative and flexible curriculum. This trains the students of this campus to reach their highest potential.

## INSTITUTE VISION

To be a premier engineering institution, imparting quality education for innovative solutions relevant to society and environment.

## INSTITUTE MISSION

- To develop human potential to its fullest extent so that intellectual and innovative engineers can emerge in a wide range of professions.
- To advance knowledge and educate students in engineering and other areas of scholarship that will best serve the nation and the world in future.
- To produce quality engineers, entrepreneurs and leaders to meet the present and future needs of society as well as environment.

## ABOUT THE DEPARTMENT

The Department of Instrumentation and Control Engineering offers B.E. programme at the Under Graduate level since year 2004. Presently department offers undergraduate course, recognized by AICTE (All India Council for Technical Education). The department is equipped with well-developed laboratories to satisfy the course curriculum and fill in the industry institute gap with an aim to produce talented instrumentation and control engineers who cater to meet the technological challenges of industries and society with environmental consideration.

## DEPARTMENT VISION

To impart quality education in Instrumentation & Control engineering through innovation to meet technological challenges of industries and society with environmental consideration.

## DEPARTMENT MISSION

- To impart knowledge about present trends in the field of Instrumentation & Control engineering.
- To train competent Instrumentation & Control engineers who can design, operate process instrumentation and also manufacturing an automation systems in industries.
- To encourage students to work on innovative research projects related to Instrumentation & Control engineering considering environmental aspect.



**GUJCOST –DST Sponsored**

**National Level**

**Short Term Training Program (STTP)**

**“Trends in Industrial Automation: Refreshing Past and Focusing Future”**

**(2 weeks STTP)**

**Online Mode**

**13<sup>th</sup> June -2022 To 24<sup>th</sup> June-2022**

**Organized by:**

**I.C. Engineering Department,  
Government Engineering College,  
Gandhinagar**

**Website: [www.gecg28.ac.in](http://www.gecg28.ac.in)**

## ORGANIZING COMMITTEE

### Patron

Prof. (Dr.) Sweta P. Dave  
Principal-GEC, Gandhinagar

### Convenor

Prof. (Dr.) D.H. Shah  
HOD – Instrumentation & Control Engineering  
Department

### Coordinators

Prof. K. K. Acharya (Asst. Prof.-I.C.)  
Prof.(Dr.) K. B. Pathak (Asst. Prof.-I.C.)

### Team Members

Prof. A. N. Bokade      Prof. K. S. Vashishtha  
Asst. Prof.-I.C.              Asst. Prof.-I.C.

## OBJECTIVE OF PROGRAM

This STTP is intended to provide an opportunity to all faculties and students to upgrade their knowledge and skills in the area of industrial automation considering the recent requirement of industries.

## OUTLINE OF CONTENT

- Overview of Industrial Automation and need of Instrumentation and Control
- Implementation of control concepts in process automation
- Embedded Systems for automation
- PLC, DCS & SCADA based industrial automation
- Industrial Internet of Things and related Applications
- Current Trends in Bio Medical Instrumentation
- Big Data Analytics & Image Processing Techniques and its applications in automation
- Project Engineering and plant commissioning

## RESOURCE PERSONS

Course faculty consists of eminent experts from premier institutes and industries apart from in-house faculty in the area of Industrial Automation .

## FOR WHOM

Interested students / faculty members from technical institutions/industry are requested to pay the registration fees (online mode) & fill up the attached application form and return it to the coordinators in duly signed hardcopy or scanned copy.

## HOW TO APPLY

The applicants are required to confirm the participation through below mentioned google form:

<https://forms.gle/MoRhx86Hhv8C2rka9>

**Address for Correspondence:**

**Instrumentation & Control (I.C.)**

**Engineering Department**

Government Engineering College , Sector 28

Gandhinagar -382028

Gujarat, India.

**Email Address:** [gecgsttp@gmail.com](mailto:gecgsttp@gmail.com)

## IMPORTANT DATES

Receipt of Application : On or before  
05/06/2022

Confirmation of Selection : 08/06/2022

## BANK DETAILS

**Account Holder Name: Principal, Government Engineering College, Gandhinagar**

**Bank: State Bank of India**

**Account No: 31610546831**

**IFSC Code: SBIN0060363**

**A/C type: CURRENT**

**Branch: SBI, Sec-22, Gandhinagar**

(Note: While performing online payment, kindly mention the purpose as "ICSTTP")

## COURSE REGISTRATION FEES

**Student Rs. 200/-**

**Faculty Rs. 250/-**

Participant will get Course material & certificate.

**For further details, contact:**

**Prof. K. K. Acharya**

Mobile: 9824011879

**Prof. (Dr.) K. B. Pathak**

Mobile: 9427704018



Email: [gecgsttp@gmail.com](mailto:gecgsttp@gmail.com)

**Government Engineering College,  
Gandhinagar**

**APPLICATION FORM**

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National Level

STTP

On

“Trends in Industrial Automation:  
Refreshing Past and Focusing Future”

( 2 weeks STTP)

Online Mode

**13<sup>th</sup> to 24<sup>th</sup> June 2022**

1. Name: Mr./Ms.....
2. Designation:.....
3. Semester: .....
4. Department: .....
5. College: .....
6. Address of Correspondence: .....

Phone: ..... Mobile:.....

Email: .....

Date: ..... Payment Ref. No:.....

It is certified that the above applicant is studying /working in our organization and the information stated by him/her is verified and found correct. We therefore, sponsor him/her to attend the workshop organized at your institute.

Signature of  
Participant

Seal and Signature of  
Head of  
Department/Institute