

About the Institute

L. D. College of Engineering, Ahmedabad is a premier Engineering college in Gujarat State set with the objectives of imparting higher education in various fields of engineering. The institute is affiliated to Gujarat Technological University and administrated by Department of Technical education, Gujarat State. Sheth Shri Kasturbhai Lalbhai established institute in 1948 with a generous donation. It is situated adjacent to Gujarat University and at nucleus of various national level institutes like PRL, ATIRA, ISRO, IIM etc. The campus consists of buildings for various departments, offices, hostels and library with 45,220 sq. meter plinth area. The institute made a modest start with 75 students for undergraduate programs in 1948, postgraduate programs in 1954. At present institute run 16 undergraduate, 15-post graduate and 4 part-time programs. Each department has modern, fully equipped laboratories for U.G. and P.G. programs. Most of the laboratories are recognized for testing and standardization by the various organizations.

About Department

The Instrumentation and Control Department is NBA accredited in 2021. The department offers B.E. in IC Engineering and M.E in Applied Instrumentation. IC Engineering Department is equipped with the finest laboratories and equipments in the area of Process measurements, Process Instruments, Process Control, Embedded systems, Advanced Electronics. The computer centre of the department is equipped MATLAB, LABVIEW, Multisim/Ultiboard simulation softwares. The department has CoE facilities in the area of DCS, SCADA and PLC. Department has more than five MoU with different companies under Industries and Academia interaction for training, seminar, project and dissertation work.

Contact Person

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About GUJCOST

The Gujarat Council on Science and Technology (GUJCOST) was established in September, 1986 to play a catalytic role in promoting the use of Science and Technology in the development process of the State. The S&T Council was constituted with a view to develop technologies appropriate to and in harmony with present conditions. The Council has been catalyzing interaction between developers and users of technologies by bringing them on a common platform for training Scientists and Engineers on the one hand and policy makers as well as administrators on the other.

Objectives of GUJCOST

The GUJCOST has following objectives:

- To encourage R & D activities in various sectors by monitoring the development. It feed available information to assess and recommend financial support for such efforts.
- To devise policy guidelines for academic and field policies for the purpose of strengthening the planning and programming amenities for the development of science and technology.
- To advise the State Government on policies and measures relating to the development and deployment of Science and Technology manpower resources.
- To promote the popularization of science and the spread of a scientific temper and attitude among the people of the State.

Duration: 14th to 18th November, 2022

Important Dates:

Last Date of receiving Application: 5/11/2022
Commencement of Programme : 14/11/2022 to
18/11/2022

SHORT TERM TRAINING PROGRAM (ONLINE MODE) ON RECENT TECHNOLOGY IN INSTRUMENTATION AND AUTOMATION (14th to 18th November, 2022)



Organized by

**Instrumentation & Control Engineering Department
L. D. College of Engineering, Ahmedabad**

Website: www.ldce.ac.in

Sponsored by

**Gujarat Council on Science & Technology
(GUJCOST)
Department of Science and Technology
Government of Gujarat**



Objectives of the Program

- The Objective of this STTP is to provide knowledge of the latest state of the art of technology in the field of industrial automation to the participants with an emphasis on bridging the gap between academia and industry. Resource persons will be contributing their valuable insights on the need to create awareness among participant about advances in Instrumentation & Control to automate various sectors like construction, agriculture, food processing, transportation, power plant etc.

Course Contents of the Workshop

- Advanced control algorithms
- Applications of artificial intelligence
- Needs of Industrial Automation
- Implementation of control concepts in process automation
- Process optimization
- Industrial Internet of Things and related Applications
- Current Trends in Bio Medical Instrumentation
- Hybrid dynamical systems

Resource Persons:

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

Eligibility for Admission

Interested faculty members from AICTE approved technical institutions are requested to fill up the attached application form and return it to the coordinators in duly signed hardcopy or scanned copy.

How to apply

The faculty Gujarat Government institute has to apply on TNA portal and selected candidates will be intimated through email only. The participation is limited upto **50** seats. After confirmation, the participant has to fill below mentioned google form: <https://forms.gle/YGDSb6qTBXbf5HEB7>

Address for Correspondence:

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Opp. Gujarat University, Navarangpura, Ahmedabad-380015, Gujarat, India.
Email: Fdp.gujcost.ic.nov.22@gmail.com

Patron

Dr. R. K. Gajjar
Principal-LDCE Ahmedabad

Convener

Dr. Manish Thakker
HoD I&C Engg. Department

Program Coordinators

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Associate Professor, I&C Engg. Dept.
Dr. Ankit K. Shah
Assistant Professor, I&C Engg. Dept.

Committee Members

Prof. Chandni V. Shah
Assistant Professor, I&C Engg. Dept.
Prof. Nidhi A.Kanani
Assistant Professor, I&C Engg. Dept.

L. D. COLLEGE OF ENGINEERING AHMEDABAD GUJCOST -DST Sponsored

One Week Short Term Training Program (Online Mode) on Recent Technology in Instrumentation and Automation

14th to 18th November, 2022

Registration Form

1. Name of Participant:
2. Designation:
3. Department:
4. College:
5. Address:
6. E-mail :
7. Mobile No.:

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

Signature of Applicant
Date:

Seal and Signature of
Head of
Department/Institute