

IMPORTANT DATE FOR PROGRAMME

Last date for receipt of Applications: 08th June 2015
Confirmation of Selection: 09th June 2015 (By Email Only)

RESOURCE PERSONS

Course faculty consists of eminent experts from DesignTech Systems Limited.

FOR WHOM

The programme will provide excellent opportunities for

1. Teachers of Instrumentation and Control, Electronics and communication, Electrical, Chemical and mechanical Engineering Degree / Diploma institutions approved by AICTE.
2. Professionals / Engineers from industry and R&D organizations working in the relevant field.

HOW TO APPLY

The applicants are required to send completely filled in application form (photocopy may also be used) so as to reach the coordinator on or before 08th June 2015 and also send scan copy of filled application form by email to vinod.p.vp@gmail.com. The applicant can also register on following link:

<http://goo.gl/forms/oTEhZ71kH4>

Address for Correspondence:

Prof. V.P. Patel (Coordinator),
Instrumentation and Control Engg. Department
L.D College of Engineering
Navrangpura,
Ahmedabad -15, Gujarat
Mobile: 9033483966
Phone: 079 26306752 ext. 1251
Email : vinod.p.vp@gmail.com

For further details, contact Co-coordinators:

Prof R. C. Patel (9426347982)
Email: profrcpatel@yahoo.com

Prof M.C.Patel (9712154909)
Email: m71074@gmail.com

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 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, post graduate programs in 1954. At present institute run 14 undergraduate, 15-post graduate and 4 part-time programs.

Each department has modern, fully equipped laboratories for U.G. and P.G. programmes. Most of the laboratories are recognized for testing and standardization by the various organizations. Instrumentation and Control Engineering department is fully equipped to cater to acquainting the students with basic operation of design, implementation and maintenance of process measurements and control systems. It is also equipped with a PLC, DCS, SCADA, Process measurement and control instruments and embedded system lab . Institute is having software likes ANSYS, MATLAB, Orose-Vibration Analyzer, LabView, Multisim, etc..

**Gujarat Technological University
Organizes
ISTE APPROVED
SHORT TERM TRAINING PROGRAMME ON
“Programmable Logic Controller
and
Process Instrumentation”
(15/06/2015 to 19/06/2015)**



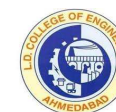
Chief Patron
Dr. G. P. Vadodaria

Convener
Prof. M.J.Modi

Coordinator
Prof. V.P.Patel

Co-Coordinators
Prof.R.C.Patel
Prof.M.C.Patel

Organized by



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

OBJECTIVES OF THE PROGRAMME

- ✓ To share knowledge of industrial experts in Instrumentation and Control Engg with academicians
- ✓ To impart latest technology innovation and ideas to the Engineering faculty & practicing Engineers.
- ✓ To impart theoretical knowledge and hands on practice on Programmable logic controllers & Process Instrumentation.

COURES CONTENT

S7-300/S7-1200 Hardware Structure and Operating Principle, Installation Guidelines and I/O Wiring, Introduction of TIA Portal V12, Loading & Establishing Communication of Programming Software with PLC, Data Block(DB), Fuction(FC), System Function(SFC), Function Blocks(FB), Organisation Blocks(OB), Task:Creation of FB, FC and call by OB1, 3 motor operation logic by different call blocks, Loop and Sub-Routine Programming, Program Control Instructions (JMP, Label, Switch, Ret), Task: choose from examples, VAT Tabel, Forcing Concept, Task: Group wise project (Plant or machine base),Temp Measurement and Parameterizations, Pressure Measurement and Parameterizations, Flow Measurement and Parameterizations, level Measurement and Parameterizations, Pneumatic Positioners and Parameterizations.

THE DEPARTMENT

The Department offers B.E. in Instrumentation and Control Engineering and M.E in Applied Instrumentation. Instrumentation and Control Engineering Department is equipped with the finest laboratories and equipments in the area of Process measurements, Process Instruments, Process Control, Embedded systems, Adavace Electronics. The computer centre of the department is equipped

MATLAB, LABVIEW, Multisim/Utiboard simulation softwares. The department has very good laboratory facilities in the area of DCS and PLC. Department has more than five MoU with different companies for Industries and Academia interaction for training, seminar, project and dissertation work.

LDCE COE-SIEMENS FACILITIES

Centre of Excellence- Siemens has been established at L. D. College of Engineering, Ahmedabad as per MOU between (1)Industries Commissionerate, Government of Gujarat, (2)Siemens Industry Software (INDIA) Pvt Ltd., (3)DesignTECH Systems Ltd., India and (4)L. D. College of Engineering, Ahmedabad . It is inaugurated on date 12/08/2014.CoE has established relevant laboratories by having Siemens products and Siemens Industry software applications. The equipment which has been given by Siemens are of state-of-the-art level. The laboratories which have been established at L. D. College of Engineering, Ahmedabad under CoE, are as follows: MTAB Lab, Rapid Prototyping Lab (RP), MCMT Lab, SITRAIN Automation I, SITRAIN Auotomation II, SITRAIN Mechatronics, SITRAIN Electrical and two computer Labs.

APPLICATION FORM **ISTE APPROVED & GTU ORGANIZED** **SHORT TERM TRAINING PROGRAMME** **On** **“Programmable Logic Controller and** **Process Instrumentation”**

1.Name: Mr./Ms.....

2.Edu. Qualification:.....

3.Designation:

4.Name of Organization:

5.Type of Organization: Gov/Private/NGO

6.Address:.....

Phone..... Fax.....

Email.....

7.ISTE Membership No.....

8.Experience (years) in relevant area

Teaching:.....

Industry:.....

9.Subjects Taught:.....

10. Area of Interest:.....

Place:.....

Signature of the Applicant

Date:.....

Certified that the above applicant is employed in our organization and the information stated by him/her is verified and found correct. We therefore, sponsor him/her to attend the short term training organized at your institute.

Date:.....

Signature of sponsoring
authority with seal