

IMPORTANT DATE FOR PROGRAMME

Last date for receipt of Applications: 17th May 2016
Confirmation of Selection: 18th May 2016 (By Email Only)

RESOURCE PERSONS

Course faculty consists of eminent experts from DesignTech and Bluechip Infocorp.

FOR WHOM

The programme will provide excellent opportunities for

1. Teachers of all engineering streams of Degree / Diploma institutions approved by AICTE.
2. Professionals / Engineers from industry and R&D organizations working in the relevant field.

HOW TO APPLY

Pre registration: fill the data in the following link:

<http://goo.gl/forms/CB2euq0nzc>

The applicants are required to send scanned copy of filled application form (duly signed) by email to siemenscoeldce@gmail.com on or before 17th May 2016.

Final registration: After getting conformation email, fill the data in link provided in confirmation mail and also include the scan copy of DD/Cheque is required to be sent on above mentioned email. The original application form and DD/Cheque must be submitted at the time of registration.

REGISTRATION FEES (Non-refundable)

For faculty members : Rs. 2,000/-

For industry persons: Rs. 3,000/-

By DD/Cheque in favor of "Principle, L D College of Engineering, Ahmedabad" payable at Ahmedabad

Address for Correspondence

Prof. M.A.Lohia (Coordinator),
Mechanical Engg. Department
L.D College of Engineering
Navrangpura, Ahmedabad -15, Gujarat.
Mobile: 9427232424
Email : siemenscoeldce@gmail.com

ABOUT THE INSTITUTE

L. D. College of Engineering, Ahmedabad is a premier Engineering institute 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 Commissioner of Technical education, Gujarat State. Sheth Shri Kasturbhai Lalbhai established the 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, 18-post graduate and 4 part-time programs.

LDCE COE-SIEMENS FACILITIES

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.

About Bluechip Infocorp Pvt. Ltd.

BCIPL is a blend of Engineering & Technology, with extensive vision towards the industry and hold on local market. The company serves prospects with varied solutions based on their requirements. It has chanel partnering with principle companies like PTC, MSC, Corel, CimatronE. The company is committed for deploying the technology effectively with the team of experts.

L.D. College of Engineering Organizes

ISTE APPROVED
SHORT TERM TRAINING PROGRAMME ON
"Modelling, Analysis and Automation in
Engineering"
(23/05/2016 to 04/06/2016)



Chief Patron

Dr. G. P. Vadodaria

Convener

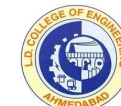
Dr. G. H. Upadhyay

Coordinators

Prof. M.A.Lohia, Prof. R.J.Jani
Prof. B. C. Khatri, Prof. P. D. Patel

Co-Coordinator

Dr. B. K. Patel, Prof. D. R. Shah
Dr. V. R. Patel, Prof. M. A. Shaikh
Prof. S.N.Patel, Prof.H.A.Shukla



**Mechanical & Automobile Engineering
Departments**

OBJECTIVES OF THE PROGRAMME

- To provide understanding of modeling using CAD software and its capabilities for conceptual design, 3D design documentation
- Enable the participant to Know the most comprehensive analysis and simulation techniques.
- To provide Brief Introduction about PLC fundamentals and programming.
- Introduction to Computer Integrated Manufacturing (CIM) and Knowing about Different Modules in CIM.
- Introducing to Robots, ASRS, AGV, Assembly Station and Vision inspection.

COURES CONTENT

- Advantages & disadvantages of automation
- Control strategies
- Components of automation
- PLC introduction
- Advantages & Disadvantages of PLC
- Scan cycle of PLC
- Digital Fundamentals
- Different Logic Gates Circuit Diagrams
- Engineering Software TIA Portal
- TIA PORTAL-Central Engineering Framework
- Computer Integrated Manufacturing(CIM)
- ROBOT Introduction & Programming
- Hands on Practices on Robo Programming

- ASRS (Manual Operating Mode, AUTO mode)
- AGV(Manual Operating Mode, AUTO mode)
- 2D-Detailing
- 3D modeling
- Sheet Metal Modelling
- Advanced Assembly Features
- Simulation
- Mechanism Kinematics & Dynamics

THE DEPARTMENT

The Department offers B.E. in Mechanical Engineering, Automobile Engineering and M.E in CAD/CAM, Cryogenic and Internal Combustion and Automobile Engineering. Mechanical Engineering Department is equipped with the finest laboratories and equipments in the area of CAD-CAM viz. The CAD/CAM centre of the department is equipped with CNC Turning Centre, VMC, Wire-EDM, Pro/ENGINEER, AUTODESK, Control software, CIM simulation software. The department has very good laboratory facilities in the area of CAD-CAM, Robotics, Dynamics of Machines, Refrigeration and Air Conditioning, Heat and Mass Transfer, Fluid Power, Material Technology, Metrology & Instrumentation, Manufacturing Science and Thermal Engineering.

APPLICATION FORM

ISTE APPROVED

SHORT TERM TRAINING PROGRAMME

On

“ Modelling, Analysis and Automation in Engineering ”

1.Name:Prof./Dr.....

2.Edu. Qualification:.....

3.Designation:

4.Name of Organization:

5.Type of Organization: Govt./Private

6.Address:.....

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

Email.....

7.ISTE Membership No.....

8.Experience (years) in relevant area

Teaching:..... Industry:.....

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

For further details, contact Co-coordinator:

Prof. H. A. Shukla (9662509875)