IMPORTANT DATE FOR PROGRAMME

Last date for receipt of Applications: 19th May 2015
Confirmation of Selection:21th May 2015 (By Email Only)

RESOURCE PERSONS

Course faculty consists of eminent experts from DesignTech.

FOR WHOM

The programme will provide excellent opportunities for

1. Teachers of Mechanical /Mechatronics/ Production / Automobile 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

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 19th May 2015 and also send scan copy of filled application form by email to dabhi.shyam@gmail.com.

Address for Correspondence:
Prof. B.C. Khatri (Coordinator),
Mechanical Engg. Department
L.D College of Engineering
Navrangpura,
Ahmedabad -15, Gujarat
Mobile: 9427450822
Phone: 079 26306752 ext. 1505
Email : khatribharat752@gmail.com

For further details, contact Co-coordinatos:

Prof D. R. Shah (9925237030)
Email: darshitshah82@gmail.com

Prof S. K. Dabhi (9904884530)
Email: dabhi.shyam@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.

Mechanical Department workshop is fully equipped to cater to acquainting the students with basic operation of manufacturing and production. It is also equipped with a CNC Machine, an electro-discharge machine and latest metallurgical instruments. Institute is having software likes ANSYS, MATLAB, Orose-Vibration Analyzer.

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.

Gujarat Technological University
Organizes
ISTE APPROVED
SHORT TERM TRAINING PROGRAMME ON

"**CAD, Advance simulation and**

Manufacturing using NX software"
(25/05/2015 to 06/06/2015)

Chief Patron
Dr. G. P. Vadodaria

Convener
Dr. G. H. Upadhay

Coordinators
Prof. U. V. Shah, Prof. B. C. Khatri
Prof. P. D. Patel

Co-Coordinators
Dr. B. K. Patel, Prof. D. R. Shah
Prof. S. K. Dabhi, Prof. M. A. Shaikh

in COLLABORATION with
L. D. College of Engineering, Ahmedabad
Mechanical Engineering Department

OBJECTIVES OF THE PROGRAMME

- To provide understanding of NX Cad and its capabilities for conceptual design, 3D design documentation

- Enable the participant to Know the most comprehensive modeling techniques like solid modeling, parametric design, Sheet metal Design

- To enable to know about Synchronous Modeling(only solution deployed by NX for Flexible Design in Open Environment)

- To provide brief introduction to the simulation process, understand the nomenclature and know the types of file generated during the process.

- Enable to generate a report of the analysis performed.

- To enable the geometric modification and idealization using synchronize modeling techniques.

COURES CONTENT

- Meshing Techniques for 1D, 2D & 3D including mesh connection

- Introduction to Advance simulation application and its interface

- Understand the contact and gluing and the concept of symmetry analysis.

- To animate and analyze an assembly of moving parts using 2D, 3D contacts.

- Introduction to CAM and its concepts

- Analyzing a manufacturing part and the tools related to it

- Introduction to NX and Its interface, Sketching Methods and Constraints

- Measuring techniques, editing parametric models, Associative curve operations, Emboss geometry.

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 & GTU ORGANIZED
SHORT TERM TRAINING PROGRAMME
On

"CAD, Advance simulation and Manufacturing using NX software"

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