

Staff Development Programme
On
Engineering Graphics through AUTOCAD
(14-27February, 2011)



Department of Mechanical Engineering
National Institute of Technology, Agartala

REGISTRATION FORM

Name: _____
Designation: _____
Affiliation: _____
Address for correspondence: _____

Email: _____
Phone (with STD Code): _____
Cell: _____
Fax: _____

Accommodation required: Yes/No

Signature of participant with Date

Recommendation of
Head of Institute with seal



AICTE Sponsored
Two - week short term course
Under
Staff Development Programme
On
“ENGINEERING GRAPHICS THROUGH AUTOCAD”
(14th - 27th February, 2011)

Mr. Pankaj Kumar Das
Course Coordinator



Organized by
Department of Mechanical Engineering
National Institute of Technology, Agartala

P.O.: Barjala, Jirania, West Tripura, India.

Pin: 799055

Tele- (0381)-2346630, 234636 Fax:: (0381)-2346360

Website: www.nitagartala.in

Course Objectives

AICTE sponsored SDP of Two weeks course has been designed to give participants the essential skills necessary to use Computer Aided Design software. AutoCAD is the industry standard for engineers and is widely used in residential, industrial, commercial and retail design. Autocad is one of the tool by which designers can communicate with one another and from the basis for historical documentation of a design with greater accuracy and minimum requirements of time. Expert speakers from different leading institute and Industries with Continuous evaluation of participants during the course will make the course more meaningful

On successful completion of the course, the participants will be able to learn:

1. Projection of line, points, Machine drawing, Isometric projection, oblique projection
2. Different co-ordinate system
3. 2D Drafting
4. The importance of 3D Modeling
5. 3D viewing aids
6. Solid editing
7. LSEDIT, LSLIB, FOG, BACKGROUND



Contents of the Course:

1. Overview of Engineering Graphics
2. Introduction to Autocad
3. 2d Drafting
4. Wireframe modeling
5. Isometric Projection
6. Surface modeling
7. Solid modeling
8. Plotting/Rendering



Experts/Speakers

Faculty member from the host Institute and different leading institute and expert from the industries shall be covering the topics by delivering expertise talk.

Eligibility of Participants

Faculty Members of AICTE-approved engineering colleges (Central/State Government, autonomous, private colleges/universities and deemed-to-be universities) are eligible for participation.

Registration, Boarding Lodging and TA/Transport

There will be no registration fee for faculty / Teachers of AICTE approved Institution / College. Faculty / Teachers are eligible for free boarding and lodging at Institute guest house on share basis. TA will be provided to all outstation participants as per AICTE norm i.e. AC 3- tire. Transport will be arranged between railway/bus station, hotels, and workshop venue by NIT Agartala

Registration should be done through e-mail/speed-post/fax on or before 07th February, 2011 (5.00pm) on first-come first-serve basis. Maximum participants are limited to 50(fifty). There is no registration fee for the faculties/teachers from AICTE approved colleges/Institutions .

ABOUT THE INSTITUTE

The National Institute of Technology Agartala is one of the 20 (twenty) National Level Technical Institutes setup by the Govt. of India. The Institute's mission is "To help to improve the economic development of the country particularly the North-East states and also the public systems, through pursuit of excellence in technical education, research, consultancy and training".

The institute is offering continuing education at undergraduate & post - graduate levels in the field of engineering courses like Mechanical, Civil, Electrical, Computer Science & Engineering, Electronics & Communication Engineering etc. and post graduate courses in Thermal Science & Engineering, Structural Engineering & Power Electronics & Drives under Mechanical, Civil & Electrical Engineering Department respectively. The institute is intended to cater the needs of the technical manpower in this region in particular and in India as a whole.

Location

National Institute of Technology, Agartala is situated at Jirania, West Tripura nearby National Highway NH-44, at 22 km distance from the capital Agartala and 3 kms from Nearest railway station Jirania.. It is connected by road and railways to Guwahati, Assam. The capital Agartala is also well connected by Air, roadways and through rails to the rest part of the country.

Correspondence

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