

ABOUT THE COLLEGE

Ramco Institute of Technology is founded by its Founder Chairman Shri P.R.Ramasubrahmaneya Rajha in the year 2013 with a vision to impart high quality engineering education. our Chairman Shri. P.R.Venkatarama Raja rapidly flourishes the learning environment by encouraging students to pursue online courses from prominent foreign universities and motivating them to do Inter-disciplinary projects with creation of Innovation Hub and Research laboratories with tie-up from Multi-National Corporates . The College is situated in the foothills of Western Ghats, 5 Kms from Rajapalayam Bus stand in Ayyanar Kovil Road. College has a very good learning atmosphere facilitated by high quality teaching by well-qualified and experienced faculty members, e-learning modules with smart classrooms, emulating IIT system of education.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was established in the year 2013. The department is having an excellent teaching-learning environment with modern state-of-the-art facilities and well-experienced faculty members with expertise over a wide range of specializations. At present, it offers B.E. in Mechanical Engineering with a sanctioned intake of 120 students. The Department has RIT-Harita Advanced Learning Centre for CATIA® and NX CAD® software's. The vision of the department is “To be recognized nationally for its quality education, research and extension programmes in Mechanical Engineering.” The Department facilitates the faculty members and students to pursue online courses from prominent foreign universities like MIT Edx, HarvardX etc.

ABOUT THE CAD/CAM LABORATORY

This laboratory is established with facilities such as Autodesk Complete products (AutoCAD 2018®, Inventor 2018®), PTC CREO 4.0®, NX CAD 12.0®, ANSYS Academic Teaching Mechanical & CFD 19.0®, SIMULIA Academic Teaching Suite 16®(Abaqus, Isight, Tosca and fe-safe), (MTAB Industrial Controller). Edge CAM® Software and 3D Printer. CAM laboratory is equipped with CNC - Semi Production Lathe and Milling. CATIA V6® (PLM Discover, Master Mech and Master PAC, Advanced Module). MATLAB 2018a® (Sim Scape, Sim Mechanics, Sim Hydraulics, Sim Driveline, Partial Differential Equations, Curve Fitting Toolbox)

PROGRAMME CONTENTS

- User Interface
- Sketcher Essentials
- Constraining Sketches
- Datums
- Creating Part Features
- Editing Parts
- Creating Fundamentals Curves
- Editing Curves
- Basic Assembly Concepts
- Creating Assemblies
- Positioning Assembly Components
- Assembly Revisions and Component Replacements
- Assembly Sequencing
- Part Families
- Introduction to Drafting
- Drawings and Views
- Creating Dimensions, Notes and Labels
- Plotting Drawings

FIVE DAY MECHANICAL CAD MODELING SOFTWARE TRAINING PROGRAMME

(For Polytechnic Students)

on

**A Hands on Training :
Engineering Drawing using Siemens
NX CAD 12®**



08 - 12 April, 2019

**Department of Mechanical Engineering
RAMCO INSTITUTE OF TECHNOLOGY**

(AN ISO 9001:2015 CERTIFIED INSTITUTION)

North Venganallur Village

Rajapalayam - 626 117

Tel: +91 4563 233400, 233415

PROGRAMME OBJECTIVE:

The course aims the needs of students who will be using NX on a regular basis. In consideration of the beginner level and experienced, the pace and topics have been carefully planned. The main objective of this software training program is to enhance the knowledge of diploma students in the areas of Drawing Interpretations, Part Modeling and Assembly of Components using CAD Tool.

REGISTRATION

- ◆ Registration Fee Rs.300/-
- ◆ Head of the department can nominate a maximum of 10 interested students from mechanical department
- ◆ Selection will be made on first-come first-served basis and is limited to 40 seats.
- ◆ Selected candidates will be intimated through e-mail or Telephone.
- ◆ Local Transport and Working Lunch will be provided.
- ◆ Certificates will be issued to all the candidates who attend the program.
- ◆ Students who wish to attend should submit the filled registration form to the address by courier/ Email on or before 05.04.2019.
- ◆ Soft copy of the filled applications can also emailed to mechcadlab@ritrjpm.ac.in
- ◆ For further Information Contact the Co-coordinators in Tel.No. 04563-233415, 9843763682, 8754830300

Resource Persons :

Technical Experts from Ramco Institute of Technology

Registration form for FIVE DAY MECHANICAL CAD MODELING SOFTWARE TRAINING PROGRAMME

on
A Hands on Training :
**Engineering Drawing using Siemens
NX CAD 12®**
08 - 12 April, 2019

Name: _____

Name of the Institution :

Gender : _____

Department : _____

Address for
Correspondence: _____

E- Mail ID : _____

Contact No : _____

Applicant's Signature :

**Signature of Head of the Department/ Institute with
Seal:**

ORGANIZING COMMITTEE

CHIEF PATRON : **Shri.P.R.Venketrama Raja**
Chairman, Ramco Group.

CHAIR : **Dr.N.Jawahar**
Principal
Ramco Institute of Technology,
Rajapalayam
Dr. S. Rajakarunakaran
Vice- Principal
Professor and Head
Dept. of Mechanical Engineering

CO-ORDINATORS : **Mr. J. Jerold John Britto**
Assistant Professor (Sr.Gr)/Mech
Contact Number: 9843763682
Mr. R.Venkatesh,
Assistant Professor/Mech
Contact Number: 8870502650
Mr. R.Prabhakaran,
Assistant Professor/Mech
Contact Number: 8754830300

Venue : **CAD Laboratory**
Dept. of Mechanical Engineering

College Location Scan here



Important

Submission of Application : 05.04.2019
Intimation of Selection through email : 05.04.2019
Confirmation by Participants : 06.04.2019

Dates: