

Registration Form

1. Name : _____

2. Educational qualification : _____

3. Designation : _____

4. Address for correspondence: _____

5. Phone /Mobile: _____

6. E-mail (compulsory): _____

Payment Receipt No.: _____

Date: _____

Amount (Rs.) _____

Signature of Applicant: _____

Mr. / Ms. _____

A student of this institute is hereby permitted to attend the course.

Seal & sign of

The Institute

3D CAD modeling and Drafting with CATIA

Patron:

Dr. Mrs. S. S. Kulkarni, Director, RIT.

Coordinators

Dr. S. K. Patil,

Dean Academics, Head Mech Engg Dept, RIT

Prof. Rohit A. Magdum

Asst. Prof. Dept. of Mech Engg. RIT



Contact us

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**Two weeks workshop
on**

3D CAD modeling and Drafting

with CATIA

From 15th to 27th December 2018



Organised under
RIT-Center of Teaching and learning
(RIT-CTL)
by
Department of mechanical Engineering



K.E. Society's

Rajarambapu Institute of Technology, Islampur

Dist. Sangli, Maharashtra. India – 415 414

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Website: www.ritindia.edu, www.cترلrit.com

About the Institute

Kasegaon Education Society's Rajarambapu Institute of Technology (RIT), Rajaramnagar established in 1983, located near Islampur, 7 km away from Peth Naka off Pune Bangalore highway. A green beautiful campus of 17 hectares and buildings on it measuring 49021 sq. m. RIT is an autonomous institute since 2011-12 offering 7UG, 12PG and 03 Doctoral programs in various engineering disciplines. RIT has emerged as a leading technological Institute in Western Maharashtra through its dedicated and disciplined approach to provide quality technical education over a period more than thirty five years. **Silent Features:** • An autonomous institute since 2011-12 • All UG/PG programs accredited/reaccredited by NBA • Permanent affiliation of all UG program to Shivaji University, Kolhapur. • Incubation center approved by MSINS (Gov. of MS) with 5Cr. funding. • Accredited by NAAC and Institute of Engineers (India), Kolkata

About the Department

The Department of Mechanical Engineering was established in the year 1987 with a view to become a center of excellence in the field of mechanical engineering. It currently offers undergraduate programs (120 intake) with four postgraduate programs (M, Tech.) To wit; Mechanical Design (24 intake), Mechanical Production (18 intake), Heat Power (18! Intake) and CAD / CAM / CAE (18 intake) The Department is well packed with motivated and dedicated faculties. test rig, vibration, experimental stress analysis, FEA etc.

About the Program

CAD skills are high in demand in today's job market. CAD training therefore enables you to expand your expertise to stand out in such a competitive job market. This 10 Days training will give students the actual insights of the CAD software in details. This training not only useful for students project work also will be useful for placement preparation where they have to face CAD test. Along with demonstration on software tool hands on session will be provided which allow students to get good practice on software tool. So, after completion of this workshop students will be able utilize tools and techniques for designing and developing projects.

3D CAD modelling and drafting with CATIA

Content:

INTRODUCTION

Introduction and Overview, CAD/CAM/CAE Product Cycle, Environment of CATIA, Introduction to Menu Bars, Modules

SKETCHER

Profile, Predefined profile, Circle, Spline, Conic, Line, Axis, Point, Corner, Chamfer, Transformation. Constraint- Geometrical constraint. Tools- Sketch solving status. Sketch tool, Views, Standard options etc.

PART DESIGN

3D Reference Elements (Point, Line, Plane), Pad, Pocket, Shaft, Groove, Hole, Rib, Slot, Stiffener, Loft, Remove Loft, Fillet, Chamfer, Draft, Shell, Thickness, Thread/ Tap, filleted pocket, Transformation feature- Patterning, Scaling, Mirror, Insert, Measure, and creation of axis system

WIRE FRAME & SURFACE DESIGN

Extrude, Revolve, Sphere, Offset, Trim, Split, Boundary, Extract, Join, Translate, Rotate, Sweep, Loft, Blend, Transformation Feature, Projection, Intersection, 3D Circle, Corner, Helix, Fill, Connect Curve, Spline etc.

ASSEMBLY DESIGN

Insert Component, Product, Part, Existing component, Replace component, recording, Generate numbering. Manipulation, Snap, Smart move, Explode, Stop manipulate on clash etc. Coincidence, Contact creation, Offset, Angle, Fix, Fix together, Quick constraint, Change, Constraint, Reuse pattern etc., Checking Interference- Clash, Sectioning etc., Assembly Features etc.

DRAFTING

Generative Drafting, Front View, Auxilliary View, Projection Views, Unfolded view, Section Views, Detail View, Broken View, Clipping view, View creation wizard etc. Dimension generation, Balloon generation etc Positioning Views,

Who can Apply:

- SE/ SY to BE/ Final Year Engineering Students (Mech/ Auto)
- Diploma TY Students (Mech/ Auto)

Program Details

Important Dates:

- Registration Start Date: 15/11/2018
- Registration End Date: 10/12/2018
- Workshop Date: 15/12/18 to 27/12/18 (10 Days)

Fee Structure :

- Registration Fee: Rs. 2000/- Per participant (which includes Work book, Certificate)
- Accommodation and Lunch will be provided for participant in reasonable rates (if required)

Payments:

All the payments are accepted through either online or on the spot cash receipt

Acc. Name : K.E. Society's Rajarambapu Institute of Technology, Rajaramnagar (UG)

• Bank/Branch : IDBI Bank, Kolhapur

• IFSC Code : IBKL0000116

• Account .No : 0116104000144698

How to register:

Use any one of the following method

Method 1: Scan and mail given registration form and/ir payment receipt to -rohit.magdum@ritindia.edu

Method 2: Send you details on WhatsApp no

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