

REGISTRATION FORM

Name (in Block Letter): (Mr./Mrs./Ms./Dr.)

Designation: _____

Educational Qualification: _____

Organization: _____

Mailing Address: _____

Telephone

Office: _____

Mobile: _____

Email: _____

Payment details with date:

Registration fees: Rs. 5500/-

Signature of Candidate:

Seal and Signature of Sponsoring Authority

Rules and Regulations

- ❖ **25 Seats** have been allotted for this Training Program and will be filled on first come basis.
- ❖ Interested candidates must fill the Google form **on or before November 25, 2019.**
<https://forms.gle/UYsoS2Hp6brCQbw89>
- ❖ Shortlisted candidates will be informed by mail **on or before November 30, 2019.**
- ❖ The registration fees (**Rs. 5500/-**) can be paid by Cash / Google Pay / NEFT in favor of "ICON CAD EDUCATION" payable at Mumbai **on or before December 04, 2019.** Payment links will be provide to shortlisted candidates through email.
- ❖ The shortlisted candidates need to submit hard copy of registration form in the prescribed format duly attested by the competent authority to the coordinators at the time of registration **on December 26, 2019.**
- ❖ **The registration fee (Rs. 5500/-)** covers Training materials and Training participation certificate by CADD Centre.

Institute Address:

Agnel Technical Education Complex,
Sector 9A, Vashi, Navi Mumbai,
Maharashtra, Pin: 400703
Contact Number: 9869525498,
7892918556, 9987617928



Agnel Charities'

Fr. C. Rodrigues Institute of
Technology, Vashi, Navi Mumbai
Mechanical Engineering Department
In association with
CADD Centre, Vashi, Navi Mumbai

**One Week Hands on
Training Program on
ANSYS Work Bench
(26th Dec 2019 – 3rd Jan, 2020)**

Chief Patron

Dr. S. M. Khot

Principal

Convener

Dr. Nilaj Deshmukh

HOD & Dean (Faculty)

Coordinators

Mr. Nilesh Varkute

Assistant Professor

Mr. Badal Kudachi

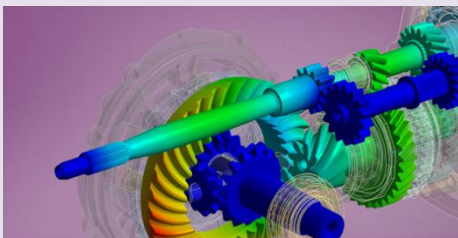
Assistant Professor

Mr. Afzal Ansari

Assistant Professor

Training Overview

The Mechanical Engineering Department of Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai is organizing a One Week Hands on Training Program on ANSYS Workbench from 26th December, 2019 – 3rd January, 2020. The Training Program will comprise of lectures and hands on training by experts from CADD centre Vashi and Fr. C. Rodrigues Institute of Technology, Vashi. The information disseminated through this technical interaction will expose the newcomers and knowledge seekers to the advancements in latest technologies in the field of FEM and CFD. The training program will cover hands on practice on modules like Ansys Design Modeller / SCDM, Ansys Meshing, Introduction to FEM, Static Structural Analysis, Static Structural and Modal Analysis and Basic CFD.



Resource Person

Experts from

- ✓ CADD Centre, Vashi
- ✓ Nilesh Varkute, FCRIT, Vashi
- ✓ Badal Kudachi, FCRIT, Vashi
- ✓ Afzal Ansari, FCRIT, Vashi

Schedule for Hands on training

[26 Dec] Design Modeler / SCDM

- ❖ Introduction to CAE
- ❖ GUI of ANSYS Workbench
- ❖ CAD modeling using ANSYS Workbench
- ❖ Geometry Cleanup Workshop

[27 Dec] ANSYS Meshing

- ❖ ANSYS Meshing Basics
- ❖ Mesh Methods
- ❖ Using Global Mesh Controls
- ❖ Local Mesh Controls
- ❖ Optimizing the model to refine mesh

[30 Dec] Introduction to FEM

- ❖ Working the different boundary Conditions
- ❖ Surface & Line models
- ❖ Static Structural analysis
- ❖ Post processing

[31 Dec] Analysis using FEM

- ❖ Model Analysis
- ❖ Buckling Analysis
- ❖ Thermal Analysis

[2 Jan] Combined analysis using FEM

- ❖ Coupled field (Thermal stress)
- ❖ Post processing

[3 Jan] Introduction to CFD

- ❖ Introduction to Fluent
- ❖ Fluid Flow & Heat transfer application
- ❖ Fluid flow around turbomachinery

Institute Profile

Fr. C. Rodrigues Institute of Technology was established in 1994 in the heart of Navi Mumbai, Vashi, as a part of Agnel Technical Education Complex. The main aim of the Institute is to provide quality technical education in addition to inculcating moral values in its students.

The College has been granted Religious minority status. The college prides on being one of few that has **accreditation for three branches vide file no. 28-41-2010-NBA dated 18/12/2018. Our Institute has been ranked between the top 150–200 engineering colleges in India, according to NIRF 2017 (National Institute Ranking Framework). This ranking has been given to only three private colleges in the Mumbai city.**

Department Vision: To provide a vibrant academic, research and industrial environment for creating self-sustainable professionals and responsible citizens.

Department Mission:

- ❖ To provide state-of-the-art infrastructure and quality education.
- ❖ To generate opportunities for students to provide industrial exposure.
- ❖ To imbibe team spirit and entrepreneurial skills.