

Training Programme

on

Engineering Design Using Drafting and 3D-modeling

9th November – 13th November, 2019

Coordinator

Dr. A. A. Shaikh, Professor, MED, SVNIT



ORGANISED BY

ANCHOR INSTITUTE CELL

S. V. NATIONAL INSTITUTE OF TECHNOLOGY
SURAT-395 007, GUJARAT, INDIA

REGISTRATION FORM

Training Programme

on

Engineering Design Using Drafting and 3D-modeling

9th November – 13th November, 2019

Full Name: _____

Discipline of Study : _____

Organisation and Address: _____

Email: _____

Amount Paid: _____

Chq/ DD* No. _____ and Date: _____

Name of the Bank: _____

*** In favour of "Anchor Institute - Program" payable at Surat**

Registration Category: _____

(/UG/PG/Faculty/Any student/Non engineering)

Accommodation required (Yes / No): _____

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the programme. I also agree to inform the Coordinators in case, I am unable to attend the programme.

Place:

Date: _____ Signature of the candidate

Mr/Ms/Dr _____

_____ is a student/employee of our institute/organisation and is hereby sponsored to participate in the STTP on Engineering Design using Drafting and 3D-modeling
Place:
Date:

Signature & Stamp of Head of Dept/
Institution/Organization

REGISTRATION FEE

Intending participants are requested to register their names by filling the registration form. The registration fee to participate in the programme is given below.

Particulars **Registration fee**

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UG/PG Students	Rs. 1500/-
Faculty members	Rs. 3500/-
Any students / Non Engineering stream students	Rs. 1500/-

The participants will be provided registration kit and only refreshments within a sessions

IMPORTANT DATES

Particulars **Date**

Last Date of Registration: 6th November, 2019

Confirmation: Within a day from the date of receipt of registration form on first cum first serve basis.

Programme Time: On working Day: 4:30 PM onwards

During Saturday & Sunday: 10:00 AM onwards

TRAVEL AND ACCOMODATION

Travel and accommodation expenses will have to be borne by participants or their sponsoring organizations.

VENUE

Anchor Institute Cell / MED Labs, SVNIT, Surat

ACCOMODATION

Limited accommodation in the Hostel/Guest House at SVNIT campus may be arranged on first come first served basis. Participants, who wish to avail this facility, are advised to write to the coordinators well in advance not later than 6th November, 2019. The accommodation will be provided on chargeable basis as per institute's norms. Many hotels are also available around the institute and can be booked by participants.

CORRESPONDENCE ADDRESS

Dr. A. A. Shaikh
Department of Mechanical Engineering, SVNIT
Ichchhanath, Dumas Road, Surat- 395 007, Gujarat,
India.
Phone: 09924916499 / +91-0261-2201695

[Email: aas.svr1@gmail.com](mailto:aas.svr1@gmail.com)

SURAT CITY & HOW TO REACH

Surat is a well-developed commercial city in Gujarat state. It is also administrative capital of the Surat district. Surat is famous for its diamond and textile industries. It is at the heart of the world's diamond-polishing industry. It is also the largest manufacture of silk and synthetic textiles, and dress materials. Several large scale industries and establishments are located in the city (e.g., RIL, ONGC, NTPC, GAIL, L&T, ESSAR, NTPC, KRIBHCO, etc.). Surat city is a hospitable host to numerous congresses and conferences.

Surat is well connected by road, railway and air from Mumbai, Delhi, Ahmedabad, and Baroda. Direct flights operate daily between Delhi and Surat. The institute is located at Ichchhanath on Surat-Dumas road and is situated 5 km away from Surat Airport and 10 km from railway station/bus station. Cabs/Taxi and auto rickshaws are available on demand.

THE INSTITUTE

The institute was established as one of the Regional Engineering Colleges in 1961 and upgraded as a 'National Institute of Technology by Ministry of Human Resource Development, Government of India on 4th October 2002. It offers six UG programmes and, seventeen PG programmes and PhD programme in all disciplines. It is one of the pioneering institutions and has contributed many outstanding engineers in India and abroad. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year.

THE DEPARTMENT

The Department of Mechanical Engineering came into existence in 1961. The department has 41 qualified and dedicated faculty members with the specialization in various areas. The department offers one UG programme in Mechanical Engineering, five PG programmes (Mechanical Engineering, Turbo Machines, Manufacturing Engineering, CAD/CAM and Thermal System Design) and a research programme leading to PhD degree including PhD programme under QIP.

PROGRAMME OUTCOMES

- The basic outcomes of the STTP is to develop skill of drafting and 3d modeling for representing designs/communicating innovative ideas by sketch or as digital model:
- To acquire knowledge of the general concept of engineering communication
- To Solve and analyse engineering problems in a project work/research work through AutoCAD/Inventor and other related software
- To develop the skill for generating documents for outputs of solved engineering problems.

PROGRAMME CONTENTS

Introduction to Drafting software presenting their capabilities.

- Introduction to 3D modeling software for creating digital models
- Exposure of Drawing tools with various options
- Exposure of modification and snap tools with various options
- Exposure of Drawing environment for various applications
- Exposure of CAD commands with various options
- Exposure of Engineering Features in 3D-modeling
- Creation and generation of drawings
- Creation of assemble and its animation

The programme consists of interactive lectures and hands-on training.