OBJECTIVES OF WORKSHOP

The objective of this workshop is to train the students in the field of Design and Analysis. They will learn different modules of Ansys. The workshop will also help the faculty members of various engineering colleges and industrial persons in research work as well as in solving real-life problems.

COURSE CONTENT

- Overview of Ansys
- Geometry creation & meshing
- Structural analysis
- Thermal analysis
- Analysis of friction stir welding
- Analysis of additive manufacturing
- Case studies

RESOURCE PERSONS

- **Dr. Anirudh Kulkarni**
  (PDPU, Gandhinagar)
- **Dr. Kaushal Bhavsar**
  (LDRP, Gandhinagar)
- **Dr. Dhaval Shah**
  (Nirma University, Ahmedabad)
- **Dr. Samip Shah**
  (CKPCET, Surat)
- **Mr. Harshit Patel**
  (SOPAN Institute for Engineering & Design, Surat)

CHIEF PATRON

Dr. Bankim R. Thakar
(President, STBS Trust)

PATRON

Prof. Y. S. Choupare
(Principal, TDEC)

CONVENOR

Mr. Jayesh D. Ramani
(Head, MED, TDEC)

PROGRAM COORDINATOR

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SUPPORTING ORGANIZATION

SOPAN Institute for Engineering & Design, Surat

Department of Science & Technology
Government of Gujarat

SPONSORED

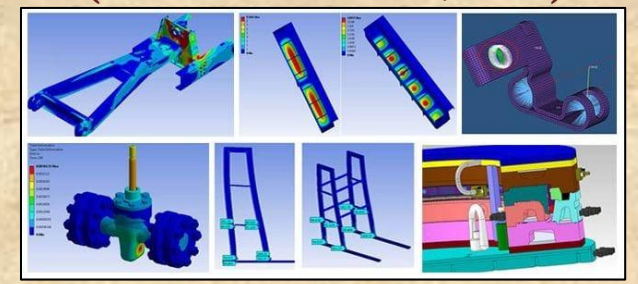
3-DAYS ONLINE

NATIONAL LEVEL WORKSHOP

On

"FINITE ELEMENT ANALYSIS USING ANSYS"

(22nd Feb – 24th Feb, 2021)



ORGANIZED BY:

Department of Mechanical Engineering
(NBA Accredited)
Tapi Diploma Engineering College, Surat
Shree Swami Atmanand Saraswati Vidhya Sankul,
Kapodra, Varachha Road, Surat-395006,
Gujarat
Website: www.tapidiploma.org
Contact: 0261-2571671

ABOUT COLLEGE

For social upliftment, late Shree Swami Atmanand Saraswati gave birth to Shree Tapi Brahmacharyashram Sabha Trust in 1924. The Management of STBS Trust is whole heartedly committed towards providing world class educational facilities and global opportunities to the youth at their doorsteps. Tapi Diploma Engineering College was established in 2002 by the STBS Trust. At present, the College is offering seven Diploma Engineering Courses viz. Mechanical, Civil, Electrical, Computer, Automobile, IT & Chemical. The college emphasizes to impart quality education to the students and thereby make dynamic professional in their respective fields and worthy citizens of great country.

MECHANICAL ENGINEERING DEPARTMENT

Mechanical Engineering Department strives to build sound mechanical engineers with an essence of humanity for enrichment of society. The department consists of experienced and highly dedicated faculties. The department has well equipped and well maintained laboratories. The department works for overall development of students by regularly organizing expert lectures, seminars, industrial visits, technical activities and study beyond curriculum.

ABOUT GUJCOST

The Gujarat Council on Science and Technology (GUJCOST) was established in September, 1986, to play a catalytic role in promoting the use of Science and Technology in the development process of the State. The S&T council was constituted with a view to develop technologies appropriate to and in harmony with present conditions. The Council has been catalyzing interaction between developers and users of technologies, by bringing on a common platform to train Scientists and Engineers on the one hand and policy makers as well as administrators on the other.

ABOUT WORKSHOP

ANSYS is the engineering software solution that uses finite element analysis (FEA) to solve various kinds of real-life problems. It covers vast range of applications and comes with geometry creation to optimization and all the steps in between. In this workshop will give insight of Ansys software with different case studies. So, participants can take benefit of this knowledge in their regular work.

ACCREDITED DIPLOMA PROGRAMS BY NBA, NEW DELHI

Mechanical Engineering

Civil Engineering

Computer Engineering

REGISTRATION PROCESS

- Faculties from degree/diploma engineering Institutes, Industrial Professionals, Scholars (BE/BTech, ME/MTech, PhD) can attend this program.
- There is **no registration fee**.
- Interested persons can register on below given link.

https://forms.gle/Yz7cSi7S8SSvrSxY9

IMPORTANT DATES

- Last date for Registration:
  19th February, 2021
- Intimation of Confirmation:
  20th February, 2021

CERTIFICATION

- All Participants will get E-certificates subject to meeting participation criteria i.e. 100% attendance.