

Registration Form

Short Term Training Programme on
"Modeling and Simulation of
Mechanical Systems Using SolidWorks"

Department of Mechanical Engineering
GIDC Degree Engineering College,
Abrama, Navsari (Gujarat)
(19th - 23rd December 2016)

Name:

Designation:

Department:

Organization:

Address for communication

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Telephone/Mobile:

Email:

Qualification:

Experience (in years): Teaching: Industrial:

Accommodation required - Yes/No

Demand draft details:

DD / Cheque No.:

Bank and date:

Date:

Place:

Signature of applicant

Official seal

Signature of competent
authority

Patrons

Dr. K. N. Mistry

Principal, GIDC Degree Engineering
College, Abrama

Dean, Faculty of Engineering,
Gujarat Technological University, Ahmedabad

Convener

Dr. H. S. Patil

Head & Associate Professor,
Mechanical Engineering Department,
GIDC Degree Engineering College, Abrama

Coordinators

Dr. H. S. Patil

Dr. D. C. Patel

Co-Coordinators

Prof. M. R. Patel

Prof. H. B. Patel

Prof. D. R. Tandel

For more details, contact:

Dr. D. C. Patel, Coordinator - STTP

Mobile: 09428146117

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Prof. M. R. Patel, Co-coordinator - STTP

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**GIDC Degree Engineering College, Abrama,
Navsari (Gujarat)**

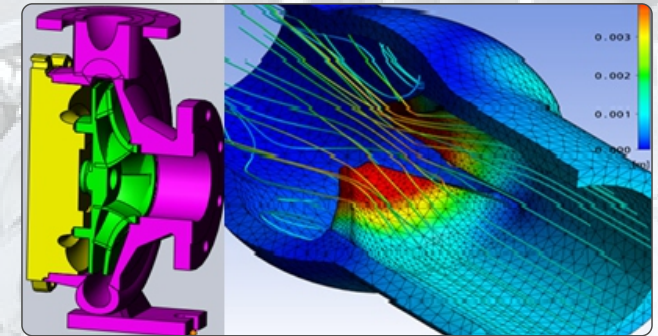


ONE WEEK SHORT TERM
TRAINING PROGRAMME (STTP)

on

**Modeling and Simulation of
Mechanical Systems Using SolidWorks**

December 19 - 23, 2016



Sponsored by

Gujarat Council on Science & Technology,
Department Of Science And Technology
Gandhinagar

In association with

Khodiyar CAD Pvt. Ltd., Ahmedabad

Organized by

Department of Mechanical Engineering
GIDC Degree Engineering College, Abrama

About the Institute

GIDC Degree Engineering College (GDEC) at village Abrama, Taluka-Jalalpor, District-Navsari, is a venture of Gujarat Industrial Development Corporation Education Society. The institute established in 2012, as Public Private Partnership, a scheme of Government of Gujarat. The institute offers UG courses in Mechanical, Civil, Automobile, Computer and Electrical branch. The institute is approved AICTE New Delhi and affiliated to the GTU, Ahmedabad. The mission of the institute is to endow with technical education at the UG levels to enrich the people of the country in present technical scenario. The vision of the institute is to grow as a premier education and research institute in the field of engineering with global view point and serving with world class standards conferring excellence to the engineering products through dedicated and competent engineers.

About The Department

The department has an energetic team of highly qualified, dedicated and experienced faculty in order to contribute to the technical education as a whole and helps to mould young engineers by igniting in their minds the flame of inquisitiveness. The department impart quality engineering education through sound theoretical knowledge, hands-on laboratory as well as computational skills and exposure to technological advances in the outside world. The department has well-equipped laboratories- Machines & Mechanisms, Fluid & Hydraulic, Metrology, Metallurgy, Energy, Dynamics & Vibration, Heat Transfer, CAD/CAM, RAC and Central Mechanical Workshop.

Modeling and Simulation

Modelling and simulation enables designers to test whether design specifications are met by using virtual rather than physical experiments. The use of virtual prototypes significantly shortens the design cycle and reduces the cost of design. It further provides the designer with immediate feedback on design decisions which, in turn, promises a more comprehensive exploration of design alternatives and a better performing final design. Simulation is particularly important for the design of multi-disciplinary systems in which components in different disciplines (mechanical, automobile, production etc.) are tightly coupled to achieve optimal system performance. The aim of this course is provide a current state of the art in modelling and simulation and how solidworks software supports the design of mechanical systems for engineers and designers

Course Contents

- Advanced Part Modelling
- Assembly Modelling
- Surface Modelling
- Sheet Metal
- Mould Design
- Weldments
- Drawings
- Simulations
- Motion Simulations
- Flow Simulations

Resource Persons

Faculty experts from our institute and industry personnels from various industries.

Eligibility

The course is open to faculty members of Mechanical/ Automobile/ Production Engineering from AICTE approved Engineering/Polytechnic Colleges, Research Scholars/PG Students. Engineers from Industries are also eligible to apply. Admission will be offered subject to the availability

How to Apply

Applicants are required to apply through online registration link: <https://goo.gl/forms/W2ziY8ImCyDk3nys2>

The applicants are also required to submit duly filled / signed by the competent authority of registration form along with DD/Cheques on or before 12th December 2016 to:

Dr. H. S. Patil, Coordinator - STTP,
Mechanical Department, GIDC Degree Engineering College, Bolck No.-997, Abrama, Tal-Jalalpor, Dist-Navsari-396406, Phone-02637-229040, 09712955221
Email: hod_mechanical@gdec.in, hspatil28@gmail.com

Registration Fee

Faculty/Research Scholars/PG Students - **Rs.1500/-**
Industry Participants - **Rs. 2500/-**

Registration fee is to be paid by DD/at par cheques drawn in favour of "GIDC Degree Engineering College " payable at Navsari.

Registration fee includes tea, lunch, and course material. All other expenses are to be bared by the participants.

Accommodation

Accommodation for participants may be provided on request. The charges will have to be borne by the participants.

Last date for receiving the completely filled form along with DD - **15th December 2016**

Intimation of selection - On/Before **16th December 2016**