

Mechanical Department

26th and 27th February 2015

SMT. S. R. PATEL ENGINEERING COLLEGE

Workshop Report

Workshop on “Modeling Using Solid Works Software”

Objectives:

To make the students aware about the expectations of the future from the engineers in mechanical Engineering field and to make them aware about current industrial requirements and also to give them ideas and practical knowledge about Solid Works Software which is powerful tool for modeling, simulation and analysis of various systems.

Expert:

Mr. Manoj Desai
Co-owner & Trainer,
Sai CAD Centre,
Mehsana.

Summary:

Expert introduced the students about future challenges of different field in mechanical engineering and overall ideas about Solid Works Software

Topics :

1. Current industries Scenario
2. Product Design Cycle .
3. Products used for Designing .
4. Features of Designing Software
5. Challenges faced by today's Design Engineers
6. Solutions for the challenges faced
7. Hands on Solid work Software

Workshop coordinator:

Prof. Nanji N. Chaudhary
Mechanical Department,
SRPEC.

DETAILS OF EXPERT LECTURE

Workshop was started at 09:00 AM. The lecture was started by the introduction of the future requirements. Expert also explained benefits of Modeling and analysis software. He then focused his lecture on Product design procedure and solid works software. He explained Sketcher, Part Modeling, Assembly Design and Design Drawing tool in Solid Works Software, then students gone for Practice in computer laboratory.

Feed back from the students	Excellent	Very good	Good	Inadequate
1. Relevancy of Topics	68%	30%	2%	0%
2. Overall Quality of Contents	54%	35%	5%	0%
3. Duration of Workshop	47%	37%	14%	2%
4. Communication by faculty	62%	23%	12%	1%

Workshop Participant :

Workshop was organized for students of 6th semester Mechanical Engineering (1B6 Class on 26/02/2015 and 2B6 Class on 27/02/2015. There were 119 student participants and all in charge faculty member of Mechanical Engineering Department were present in the workshop .