

Mechanical Department

15th –16th Sept 2018



SMT. S. R. PATEL ENGINEERING COLLEGE

# Two Days Workshop Report

## Two Days Workshop on Design in Solidwork 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. Harshal Patel**  
**Mr. Apohisan**  
Malwa Cad Center,  
Mehsana

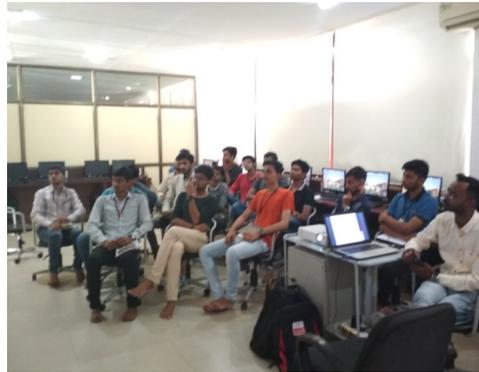
**Workshop co-ordinator:**  
**Prof. Harshad Patel**  
Mechanical Department,  
SRPEC.

### 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 Soft ware

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 Participants	Out of 10 (Average)
(a) Relevancy of topic	9.1
(b) Overall Quality of Content	9.7
(c) Duration	9.1
(d) Communication by Faculty	9.8

### Workshop Participants:

Workshop was organized for students of 5th & 7th Semester Mechanical Engineering. There were 22 student Participants and 1 faculty members of Mechanical Engineering Department were present in the workshop.