

Department of
Mechanical Engineering

3rd April, 2013



SMT. S. R. PATEL ENGINEERING COLLEGE

Workshop Report

“PRO-ENGINEER WORKSHOP”

Objectives:

To get the basic knowledge of CAD software (Pro-E). It was designed to provide knowledge about application of Integrated CAD/CAE/CAM System Using Pro-E.

The workshop explained that how the CAD software works in industry and what the CAD software can do.

Course Instructor:

Mr. Ravi Chauhan
Design Engineer,
Sai CAD Centre

Workshop co-ordinator:

Prof. Shailesh G. Patel
Asst. Prof.
Mechanical engineering,
SRPEC

Summary:

Participants got the best advantage of the knowledge shared by the expert on CAD software like Pro-E.

PRO/ENGINEER is a computer graphics system for modeling various mechanical designs and for performing related design and manufacturing operations. It is good for part design, 3D modeling like car, machine parts, etc. Pro-E is a product of PTC (Parametric Technology Corporation).

Session 1

The session contained knowledge about CAD/CAM/CAE tools. Introduction of different CAD softwares.

Mr. Ravi explained the basic Modules of Pro-E like Set working directory creation, Sketcher, Basic part modeling.

Session 2

In this session he guided the students that how the theoretical knowledge of last session could be applied in practical. He gave one exercise of Pro-E. Students made different CAD model using Pro-E software in Computer Lab.

Session 3

He gave the basic knowledge of Assembly, Mechanism modules of Pro-E. The questions and doubts of the participants were addressed and explained in better way by speaker.

Course Participant

Workshop was fully organized for faculties and all the students of Mechanical Engineering

Semester

VI ME

Total No. of students

72

PHOTO GALLERY DURING THE DAY

Pro-E Workshop



Student's Feedbacks:

At the end of workshop feedback from the target audience were collected to know about the degree of success of workshop, evaluating the training material and curriculum and to know the area which require further improvement in organizing. The point wise analysis of workshop is also provided in the report.

Prime feedbacks were:

- Adequate information was given by speakers
- Organizing of sessions were good
- Students are interested to have full Pro-E course in future

EVALUATION OF WORKSHOP QUALITIES BY PARTICIPANTS

	Excellent	Very Good	Good	Inadequate
Relevancy of Topics	27	22	9	0
Overall Quality of Contents	25	23	10	0
Duration of Workshop	10	24	21	3
Communication by faculty	35	17	6	0