

Mechanical Department

5th Semester Students

06 August, 2013



SMT. S. R. PATEL ENGINEERING COLLEGE

Workshop Report

A One Day Workshop on CAD CAM CAE An Integrated Approach with High End Software

Objectives:

To increase the knowledge in designing.

How this design field is now a days necessity for all type of manufacturing aspects.

By improving the ideas of design, as it is the thing which one can imagine in mind and tried it for in the terms of production and manufacturing.

Need for different types of software in designing and the basics of those all software regarding the engineering field.

Course Instructors:

Mr. Harshil Shah
Director,
Symmetric Solutions,
Gandhinagar.

Workshop co-ordinator:

Prof. Ajaypalsinh G. Barad
Asst. Prof.
Mechanical engineering,
SRPEC

Summary:

Participants got the best advantage of the knowledge shared by the experts in the world of designing and clear their vision for the design and development.

They have clear their doubts and got the proper directions about the design field.

Also the knowledge of final year projects was delivered to the students.

It is also clear how this huge field of designing in must for the future aspects and been useful for their project work in coming days.

Detail of A One day workshop on CAD CAM CAE

Session 1

Introduction of CAD/CAM/CAE

Introduction of PTC

Why CAD/CAM/CAE?

What Industry needs from Design Engineer?

Importance of CAD/CAM/CAE in mechanical and automobile segment

Session 2

Introduction of Creo 2.0 (CAD)

Use and Applications of Creo 2.0 (Pro-Engineer) Software.

Application of various software in industries.

Session 3

Increasing future scope of CAE.

Application and method of Ansys Software.

Application of MSC Software. (Nastran, Adams)

Demonstration of MATH-CAD Software.

Course Participant

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

Semester	Total No. of students
5 th Mechanical(1B5)	69
5 th Mechanical(2B5)	62

FOCUS ON THE EVENT :

A One Day Workshop On CAD CAM CAE An Integrated Approach With High End Software



Student's Feedbacks:

At the end of any activity it is very much important to have a feedback from the target audience to know the success indicators, evaluating the training material and curriculum and to know the area required further improvement in organizing such workshops.

Prime feedbacks were:

- Adequate information was given by speakers
- Organizing of sessions were good
- Knowledge and examples related to the topics are given on regular base that were easy to understand.
- Students were very much thankful to the speaker that he had deliver a precious knowledge about software used in engineering.

	Excellent	Very Good	Good	Inadequate
Relevancy of Topics	74	50	6	1
Overall Quality of Contents	50	63	16	2
Duration of Workshop	38	51	40	2
Communication by faculty	42	54	35	0