

Mechanical Department

27th March, 2015

SMT. S. R. PATEL ENGINEERING COLLEGE

Industrial Expert Lecture Report

Industrial Expert Lecture on “Gear Manufacturing Technology and Its Real Applications”

Objectives:

To make the students aware about the production technology of different types gear.

Also make them aware about the application of different types of gear

Industrial Expert:

Mr. Bhavesh Patel

Sr. Service Engineer

ELECON Engg. Ltd.,
Anand

Industrial Expert Lecture coordinator:

Prof. Vinod P Rajput
Mechanical Department,
SRPEC.

Summary:

Expert introduced the students from future challenges of different Gear manufacturing technology

Topics :

1. Types of Gears
2. Manufacturing of gears
3. Differential
4. Industrial application of gears
5. Gears in Automobile
6. Gear specification and identification

DETAIL OF INDUSTRIAL EXPERT LECTURE

Industrial expert lecture was started at 9:10 AM. The lecture was started by the introduction of different types of gear which students are studying in their text books. Then had demonstrated the different technology which are available for gear generation .the different applications of such gear were also explained Expert also shows what is the need of the future in case of more efficient gear power transmission.

Feed back from the students	Excellent	Very good	Good	Inadequate
1. Relevancy of Topics	45%	40%	15%	0%
2. Overall Quality of Contents	42%	37%	21%	0%
3. Duration of Expert Lecture	39%	42%	18%	1%
4. Communication by Faculty	46%	32%	22%	0%

Lecture Participant :

Expert lecture was organized for students of 6th semester Mechanical Engineering . There were 135 students were present in Expert lecture.