

Mechanical Department

17<sup>th</sup> April, 2014

SMT. S. R. PATEL ENGINEERING COLLEGE

# Industrial Expert Lecture Report

## Industrial Expert Lecture on “Rotary Compressor and Its use in Industry”

### Objectives:

To aware the students about the basic theory of rotary compressor.

Why the rotary compressors like screw, lobe etc are mostly used in industry.

Working of typical screw compressor.

### Industrial Expert:

Mr. Mohit Bhadarka

Sr Engineer

Ingersoll Rand India Ltd

Ahemdabad.

### Industrial Expert Lecture-co-ordinator:

Prof. Vinod P Rajput  
Mechanical Department,  
SRPEC.

### Summary:

Students got opportunity to know the importance of Rotary compressor in industry world. They learned the working of it.

### Topics :

1. Types of compressors.
2. Types of rotary compressors used in industry.
3. Principle of typical Screw compressor.
4. Working of screw compressor handling the oil & gas simultaneously.

### DETAIL OF INDUSTRIAL EXPERT LECTURE

Industrial expert lecture was started at 9:00 AM. The lecture was started by the introduction of Air compressors. Expert explained the basic of compressor. He also aware the student about the industrial Application of the Rotary compressors. Then students were brought in the world of real industrial big compressors, here he explained complete working of the screw compressor. The he shifted to screw compressor of produced in Ingersoll rand India Ltd handling the air and oil at a same time. He explained its working in very detailed and also explained the other theories working behind its small parts like pipes, joints, oil coolers etc.

Feed back from the students	Excellent	Very good	Good	Inadequate
1. Relevancy of Topics	42%	39%	16%	3%
2. Overall Quality of Contents	64%	15%	18%	3%
3. Duration of Expert Lecture	40%	36%	18%	6%
4. Communication by Faculty	36%	30%	28%	6%

### Lecture Participant :

Expert lecture was organized for students of 6th semester Mechanical Engineering . There were 62 students present in Expert lecture.

## PHOTO GALLERY DURING THE DAY

### MS Office Workshop



### Participants' 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 workshop.

#### *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.
- Participants will interested in this type of training in future

## EVALUATION OF WORKSHOP QUALITIES BY PARTICIPANTS

	Excellent	Very Good	Good	Inadequate
Relevancy of Topics	48	27	14	1
Overall Quality of Contents	34	42	24	0
Duration of Workshop	40	32	17	4
Communication by faculty	48	33	19	0

The session was completed by answering the brain storming questions asked by students at 11:00 AM