

Mechanical Department

17th 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 Deepartment,
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.