

Mechanical Department

17th October, 2014

SMT. S. R. PATEL ENGINEERING COLLEGE

Industrial Expert Lecture Report

Industrial Expert Lecture on “Cooling circuit in Thermal Power Plant: Design consideration of Cooling Towers & Condensers”

Objectives:

To make the students aware about the actual cooling Device components, their workings and design consideration in detail.

To get very much clear idea about problem related to this when it is being designed s for actual power plant.

Industrial Expert:

Mr. Akhilesh Patel
Design Engineer
IDMC Ltd., Anand

Industrial Expert Lecture coordinator:

Prof. Vinod P Rajput
Mechanical Department,
SRPEC.

Summary:

Important of proper designed cooling devices in steam power plant are explained. The topics covered are mentioned below.

Topics :

1. Cooling tower, .
2. Water cooled condenser.
3. Air Cooled Condensers
4. Components of the water cooled and air cooled condenser
5. Design consideration of above.

DETAIL OF INDUSTRIAL EXPERT LECTURE

Industrial expert lecture was started at 11:40 AM. The lecture was started by brief summary of the steam power plant and the importance of cooling circuit in it. Then the components like different cooling towers, condensers are explained. He had also demonstrated different considerations related to the design of such parts. The session was completed by the curious questions answer between the students and the experts.

Feed back from the students	Excellent	Very good	Good	Inadequate
1. Relevancy of Topics	52%	20%	28%	0%
2. Overall Quality of Contents	47%	26%	26%	1%
3. Duration of Expert Lecture	40%	32%	27%	1%
4. Communication by Faculty	40%	38%	15%	2%

Lecture Participant :

Expert lecture was organized for students of 5th semester Mechanical Engineering . There were 102 students were present in Expert lecture.