



# POORNIMA

## COLLEGE OF ENGINEERING

### Department of Mechanical Engineering

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#### **A Brief Report of ASHRAE Distinguished Lecture by Mr. Jim Vallort, Vice President, ASHRAE, USA**

Department of Mechanical Engineering, Poornima College of Engineering, Jaipur organized a Distinguished Lecture on **“Primary Heating/Cooling Plant Strategies”** on Tuesday i.e. April 04, 2017 in association with American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE).

The main objective of this Distinguished Lecture is to make the students and faculties acquainted with Heating and Cooling Strategies, Recognize system configuration types and the benefits of each configuration, impact of system type on operations and financial aspect of technology.

The occasion witnessed the presence of Prof.. Jim Vallort, Vice President, ASHRAE, USA, Dr Om. Prakash Sharma, Director, PCE, Members of ASHRAE Jaipur Section along with the faculty members of Mechanical Engineering Department, PCE.

**Dr. Om Prakash Sharma, Director PCE** in his opening remarks highlighted that it is time to focus upon advanced air-conditioning system that is more energy efficient. He motivated the students through his words. He told that students have to compete globally. It is the right time for students to learn the advance technology along with the different accent.

**Prof. Jim Vallort** delivered the Distinguished Lecture on **“Primary Heating/Cooling Plant Strategies & How to Maximize the Energy & Financial Savings”**. He focused upon critical commissioning (Cx) activity that focus on ensuring the proper operation is achieved either at time of turnover or through the life of the system. He shown that a

new building without Cx may consume 20% more energy than designed and that an average existing building can save 30% after three years of operation.

Mr Shailendra Kasera proposed the Vote of Thanks. More than 200 students from Mechanical Department across Poornima Foundation attended the lecture and got benefitted.



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**DEPARTMENT OF MECHANICAL ENGINEERING**

### ASHRAE Distinguished Lecture

**April 04, 2017**



**JIM VALLORT**  
CEM, CBCP, CSDP, LEED AP  
Fellow ASHRAE  
Executive Vice President  
Chief of Services  
Environmental Systems Design, Inc.

**Primary Heating/Cooling Plant Strategies & How to Maximize the Energy & Financial Savings**

1. Mr. Jim is the Practice Leader for Energy + ECO, Controls and Commissioning at Environmental Systems Design Inc. (ESD) located in Chicago, Illinois. Jim is a current ASHRAE Vice President.
2. He has served as designer, project manager, Cx authority and program manager for all types of projects ranging from BSL4 lab spaces to LEED Platinum refrigerated warehouses to data centers to high performance buildings across the US.

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