

**COURSE DURATION**

2 Days

**DESIGNED FOR**

- Property/Facility Engineers and Managers
- Consulting Engineers
- Design Engineers
- Industrial Engineers
- Operating/maintenance staff
- Contractors

# ICP HVAC COMMISSIONING

Technology used in the buildings have become more complicated and automated. With increasing energy costs and growing indoor air quality concerns it is essential that new or rehabilitated HVAC systems operate effectively and in an economic manner. Further, to minimize maintenance costs, the system must have sustained reliability. This is why the start -up of both the individual components as well as the total system operation is crucial to deliver the benefits promised by manufacturers to the client. Today all major green building certification systems have the HVAC system commissioning as a prerequisite. However, proper system performance should be the basic requirement in every new construction and refurbishment project.

Although the design of the system is obviously of importance, a well-designed system may fail to accomplish the requirements of effectiveness, economy and sustainability unless the correct commissioning processes are planned and implemented.

## FACULTY

Mr. Prashant Desai



## LOCATION

THANE

### As an ISHRAE CERTIFIED PROFESSIONAL you :

- Distinguish yourself from your peers. Certification from ISHRAE Gaurantees you have the required knowledge and skills.
- Give yourself the competitive edge. Using our certification on your business cards, resume, e-mail signatures and proposals gives you a definite competitive edge and is an excellent way to enhance your professional reputation.
- Let ISHRAE promote YOU ! ISHRAE Certified Professionals will be listed on ISHRAE website. This puts you right in front of people looking for your services.

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### Learning Objectives

This 2 day ICP Course provides attendees with information that will cover the following:

- Need for Commissioning
- Process of commissioning
- Typical Pre-Commissioning And Startup Procedures
- Commissioning – Initial, Retro, Ongoing
- Commissioning Check lists
- Commissioning Management

After participating in this course, you will be able to:

- Apply your knowledge of the characteristics of air and water HVAC systems and their associated equipment
- Understand the latest regulations and safety considerations associated with HVAC systems
- Learn how to plan, control and implement the balancing and commissioning of HVAC systems to achieve optimum system performance and economy
- Recognize areas in the commissioning process that could result in difficulties
- Identify and communicate system deficiencies

### Resource Person

**Mr. Prashant Desai / Mechanical Engineering / 40 years' experience**

Mr. Prashant Desai is a 1981 graduate in Mechanical Engineering from Indian Institute of Technology, Kharagpur. He has 34 years' experience in companies such as Voltas Ltd., Blue Star, Johnson Controls and Suvridha Engineers. He has been involved with design and setting up of various pharmaceutical and clean room projects since 1992 and along the way has gained immense experience in HVAC and control systems associated with these projects including expertise in maintenance and trouble shooting. He is founder Director with ELM Enterprises Pvt. Ltd, a specialist HVAC company.

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**Detailed Schedule will be updated soon.**

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For more information, please contact

#### ISHRAE HEAD QUARTERS

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