

One week

## ISHRAE-AICTE –Refresher course for Faculty Members



On

## Refrigeration and Air-conditioning

June 26<sup>th</sup> –30<sup>th</sup> 2017

Organized by



Department of Mechanical Engineering  
College of Engineering Pune

**Dr S. N. Sapali**

**Professor & Co-ordinator**

**Dr. C. M. Sewatkar**

**HOD, Mechanical Engineering Dept**

**Patron**

**Dr. B. B. Ahuja**

**Director, COEP**

### About AICTE :

All India Council for Technical Education (AICTE) was set-up in November 1945 as a national level Apex Advisory Body to conduct survey on the facilities on technical education and to promote development in the country in a coordinated and integrated manner. And to ensure the same, as stipulated in, the National Policy of Education (1986), AICTE be vested with statutory authority for planning, formulation and maintenance of norms and standards, quality assurance through accreditation, funding in priority areas, monitoring and evaluation, maintaining parity of certification and awards and ensuring coordinated and integrated development and management of technical education in the country.

### About ISHRAE :

The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE), was founded in 1981 at New Delhi by a group of eminent HVAC&R professionals. ISHRAE today has more than 12,000 HVAC&R professionals as members and additionally there are 7,500 Student-members. ISHRAE operates from 41 Chapters and sub Chapters spread all over India, with HQ in Delhi. It is led by a team of elected officers, who are members of the Society, working on a voluntary basis, and collectively called the Board of Governors. To promote the goals of the Society for the benefit of the general public. Towards this objective, the Chapters of the Society

participate in, and organize, activities to protect the Environment, improve Indoor Air Quality, help Energy Conservation, provide continuing education to the Members and others in the HVAC & related user Industries and offer certification programs, career guidance to students at the local colleges and tertiary institutions

### About COE, Pune

College of Engineering Pune (Formerly Govt. College of Engineering, Pune) Pune is one of the oldest and premier Institute in the country. Established in 1854, it offers UG and PG courses in various disciplines. The institute has been granted full autonomy by Govt. of Maharashtra. It is selected as lead centre under World Bank project on Technical Education Quality Improvement Programme (TEQIP) of Govt. of India through national competitive bidding.

### About Department

Mechanical Engineering Department was established in 1912. In addition to UG course in Mechanical Engineering, it offers PG courses in Thermal Engineering, Automotive Technology and Design Engineering. The Department has well equipped laboratories such as Refrigeration and Air Conditioning, Micromachining, Steam Engineering, Fluid Machinery, Fuel testing, IC Engines, and CAD/CAM, etc.

## About the Course:

Aspirations and needs of mankind are ever growing, and so also the need for refrigeration and air conditioning (RAC). Now it is an important aspect of human life including essential applications from submarines to airplanes, underground mines to space, and comfort purpose to manufacturing industries. The importance of 'cold chain' in the national food security has now been recognized. In the recent years, RAC industry recorded an annual growth of over 25% in India, next only to Information Technology and Automobile sectors. However, RAC is also an energy guzzler accounting to nearly one sixth of the world energy consumption. Even though the objective of Montreal Protocol governing the ozone depletion is nearly met, those of Kyoto Protocol centered on the emissions leading to Global Warming are yet to be realized. Thus both energy and environmental aspects play an important role in the development of RAC sector worldwide.

The objective of this AICTE-ISHRAE Faculty Training Program is to provide the opportunity for young faculty members to enrich their knowledge in the field of Refrigeration and Air conditioning.

This programme will cover the ISHRAE Developed syllabus for Refrigeration and Air conditioning Course which will cover the latest development in the field and the

speakers are from HVAC & R Industries. A Certificate for the completion of course is jointly issued by AICTE and ISHRAE with a tag "ISHRAE Certified Faculty in HVAC&R field".

### About registration

- No Registration fees.
- The number of participants is restricted to 30 only.
- II AC Train fare on the shortest route will be paid on production of tickets
- Limited Accommodation will be provided on first cum basis.

Scanned copy of duly filled in Registration form may be sent to the Coordinator by e-mail on or before **21 June 2017**.

### Selection

- Participants are selected on basis of their interest in HVAC&R.
- Priority will be given to ISHRAE Member and the young faculty members.

### Course Advisors:

**Prof A D Sahasrabudhe**, Chairman, AICTE

**Prof D N Malkhede, Advisor, AICTE**

**Mr. Vishal Kapur**, National President, ISHRAE, New Delhi

**Prof. Jyotirmay Mathur**, APEX-Advocacy Committee, ISHRAE, New Delhi.

### Mailing address

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Five Day  
ISHRAE- AICTE – refresher course for  
Faculty Members  
On  
**REFRIGERATION AND AIR  
CONDITIONING**  
June 26 – 30, 2017

### REGISTRATION FORM

Name :  
Designation :  
Qualification :  
Age & Gender :  
Teaching Experience :  
Institution :  
Address for  
Communication :  
E-mail ID :  
Mobile :  
ISHRAE Membership No.  
Signature of the Applicant :

### SPONSORSHIP

Mr./Ms./Dr. \_\_\_\_\_  
is an employee of our college/ institution and is hereby sponsored for the above Course. He/She will be permitted to attend the same, if selected.

Signature with Date and seal of the  
Sponsoring Authority

Submission of Application (soft copy): 21.06.2017  
Intimation of selection : 22 .06.2017  
Confirmation by Participants :23.06.2017