

Cheque Details

Cheque No. _____

Dated _____

Drawn On _____

Amount Rs. _____

NOTE:

Cheque to be drawn in favour of
“ISHRAE Mumbai Chapter”
and to be couriered / hand-delivered to:



ISHRAE Mumbai Chapter

214, Turf Estate, Shakti Mills Lane,
Off Dr. E Moses Road, Mahalaxmi,
Mumbai 400 011, India

Tel.: 022-2493 2611 • Telefax: 022-24933701

E-Mail: ishraeinstitute@gmail.com
ishrae_m@vsnl.net

www.ishrae.in

Course Fee

Rs.6000/- per person for 5 days

20% discount for Organizations
booking 5 or more seats

Course fee includes:
Lunch, Snacks & Course Material
Maximum 30 participants

Cancellation Policy

Rs. 500/- cancellation charges
till 27th November 2009

Thereafter, no refund will be made

Eligibility

Participants shall have a Bachelor's or
Diploma / Degree in Engineering and
at least 1 year work experience.

For further inquiries, please Contact Mr. D.T. Naik



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ISHRAE Institute of Excellence

Presents

5-Day Training Programme for AC Engineers

Course:
Basics of Air Conditioning

Faculty:
Mr. Vikram Murthy
Mr. V Krishnan

Course Dates:
1 - 5 December 2009

Course Dates:
9.30 am to 5.30

Days 1 and 2:

Psychrometrics and Cooling Load Calculation

Days 3 and 4:

Duct Design

Day 5:

Air Distribution

Course Venue:
Hotel Atithi, Opp. Hotel Orchid,
Near Domestic Airport, Santacruz (E),
Mumbai

About the Faculty

Mr. Vikram Murthy

B. Tech (Elect.) from IIT Kanpur. 35 years of experience in AC & R. Worked with Voltas, Utility & Genpower. He is now Director, Univac Systems, and Trustee, Tropical AC&R Institute. He is National Secretary, ISHRAE

Mr. V Krishnan

B. Tech. (Elect.), has over 32 Years experience in the HVAC Industry of which 15 years have been with Voltas Limited. He is now a Director with DYNACRAFT AIR CONTROLS, the pioneers in the Air Management Product Industry. Member of ISHRAE and ASHRAE. Krishnan currently serves on ASHRAE Technical Committee, TC 5.3 (Room Air Distribution).



Course Content

Days 1 and 2: Mr. Vikram Murthy

Psychrometrics and Cooling Load Calculation

- a. Various A/C Equipments
- b. Mechanical refrigeration cycle and Air cycle

These topics are well demonstrated in a one hour long educative film

Principles of Psychrometrics as formulated by Willis Carrier. E20 cooling load calculation explained in detail with practical example.

Days 3 and 4 : Mr. Vikram Murthy

Duct Design

Principles of duct design including equal friction method for duct sizing with actual examples and tips on good design

Fabrication and Installation standards (IS655,SMACNA, DW) with guide on good field practices.

Day 5: Mr. V. Krishnan

Air Distribution

Fundamentals of Air Distribution including principles of Jets, air diffusion, stratification with practical guide to selection of grills, registers, diffusers, dampers with videos of distribution patterns.

Good practices for design of smoke and fire protection dampers and duct systems.

Application Form

SPONSOR

ADDRESS

Tel																			
Fax																			

E-Mail: _____

Contact Person _____

NAME OF PARTICIPANT/S

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