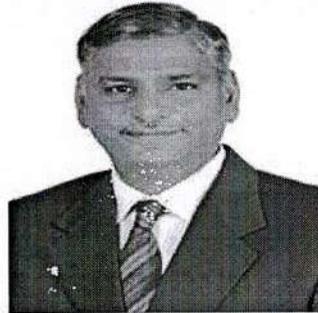


INDIAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS

Distinguished Lecture on Energy Conservation of Air Distribution Systems



R. Gopalakrishnan's

ISHRAE
Kolhapur-Sangli Sub-chapter

About Speaker: **R. Gopalakrishnan** is an Air-Conditioning, Ventilation and Refrigeration Engineer by profession and joined Bhabha Atomic Research Centre (BARC) / RMP Mysore in the year 1987 and served about 10 years. In the year 1996 got transferred to Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam and is currently working as Officer-in-Charge, **CORAL MMU**(Mechanical Maintenance & Utilities) of Reprocessing Group, IGCAR in Scientific Officer-E grade. He has 35 years of experience in Design, Erection, Execution, O&M and Revamping of HVAC Systems of Nuclear Buildings.

About Program: Energy Conservation of Air Distribution Systems (ADS): Integrated Energy Conservation (EC) aspects in Air Distribution Systems (ADS) - Importance of discharge dampers / isolation dampers in parallel AHUs - Use of Motorized Isolation Dampers (MID) in energy conservation - ADS Energy Audit - Concept of Rapid Temperature Equalization (RTE) in ADS – Locating grills and diffusers. Thermal imaging technique for effective ADS – Thermal Insulation and Vapour barriers - Best field engineering practices of Air Distribution Systems components' like ducting, grills and diffusers.

**Address: Hotel Atharv, Dabholkar Corner, Station Road,
Kolhapur on Tuesday, 7th Feb 2023**

Time: 5 PM onwards

Contact:

9890104922, 8007005860

Mr. Rangrao Ekal
Program Chair

Mr. Avesahemad Husainy
Secretary

Mr. Bharat Dhare
President Elect

Mr. Amrit Satavekar
President

ISHRAE

SHARAD INSTITUTE OF
TECHNOLOGY COLLEGE OF ENGINEERING
YADRAV.



INDIAN SOCIETY OF HEATING
REFRIGERATING AND AIR
CONDITIONING ENGINEERS
Kolhapur-Sangli Subchapter

DISTINGUISHED LECTURER REPORT

Date - 7th FEB 2023

Kolhapur Sangli Sub chapter completed DISTINGUISHED LECTURER IN "HOTEL
ATHARV KOLHAPUR"

Date - 7th FEB 2023

Time - 5 Pm to 8Pm

Total No of students: 7

Activity Completed:

Kolhapur Sangli Sub chapter completed DISTINGUISHED LECTURER IN "HOTEL
ATHARV KOLHAPUR"

Activities Conducted Were as Follows....

INDIAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS

Distinguished Lecture on Energy Conservation of Air
Distribution Systems



R. Gopalakrishnan's

ISHRAE

Kolhapur-Sangli Sub-chapter

About Speaker: R. Gopalakrishnan is an Air-Conditioning, Ventilation and Refrigeration Engineer by profession and joined Bhabha Atomic Research Centre (BARC) / RMP Mysore in the year 1987 and served about 10 years. In the year 1996 got transferred to Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam and is currently working as Officer-in-Charge, CORAL MMU (Mechanical Maintenance & Utilities) of Reprocessing Group, IGCAR in Scientific Officer-E grade. He has 35 years of experience in Design, Erection, Execution, O&M and Revamping of HVAC Systems of Nuclear Buildings.

About Program: Energy Conservation of Air Distribution Systems (ADS): Integrated Energy Conservation (EC) aspects in Air Distribution Systems (ADS) - Importance of discharge dampers / isolation dampers in parallel AHUs - Use of Motorized Isolation Dampers (MID) in energy conservation - ADS Energy Audit - Concept of Rapid Temperature Equalization (RTE) in ADS - Locating grills and diffusers. Thermal imaging technique for effective ADS - Thermal Insulation and Vapour barriers - Best field engineering practices of Air Distribution Systems components' like ducting, grills and diffusers.

Address: Hotel Atharv, Dabholkar Corner, Station Road,
Kolhapur on Tuesday, 7th Feb 2023
Time: 5 PM onwards

Contact:
9890104922, 8007005860

Mr. Rangrao Ekal
Program Chair

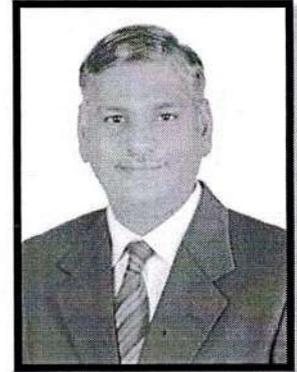
Mr. Avesahemad Husainy
Secretary

Mr. Bharat Dhare
President Elect

Mr. Amrit Satavekar
President

ABOUT PROGRAM:- ENERGY CONSERVATION OF AIR DISTRIBUTION SYSTEMS(ADS):-[R. Gopalakrishnanis]

R. Gopalakrishnanis an Air-Conditioning, Ventilation and Refrigeration Engineer by profession and joined Bhabha Atomic Research Centre (BARC) / RMP Mysore in the year 1987 and served about 10 years. In the year 1996 got transferred to Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam and is currently working as Officer-in-Charge, **CORAL MMU**(Mechanical Maintenance & Utilities) of Reprocessing Group, IGCAR in Scientific Officer-E grade. He has 35 years of experience in Design, Erection, Execution, O&M and Revamping of HVAC Systems of Nuclear Buildings.



Shri R. Gopalakrishnan is a Distinguished Lecturer (DL) of ISHRAE HQ New Delhi for its DL, URJAVARAN & ACRSERVE Programs. He is also a recognized Invited Guest Lecturer of national level Institutions like DAE / BARC, IGCAR, IIT Madras, AICTE - New Delhi, for their national and Quality Improvement Programs (QIPs) and NCRAC Conferences

Association with strategic societies: Life Memberships

Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)

Indian Nuclear Society (INS), Association for Waste Management and Remediation of Environment (AWARE) and Indian Society for Non-Destructive Testing (ISNT)

Awards & Honours:

Group Achievement Award 2015 from Govt. of India, Department of Atomic Energy (DAE) Excellence in Science, Engineering and Technology for Resolution of Challenges during Operation at CORAL Facility of IGCAR.

ISHRAE Chapter Service Award (CSA) in 2018 and Regional Service Award (RSA) in 2020

DL Program Synopsis:

Energy Conservation of Air Distribution Systems (ADS): Integrated Energy Conservation (EC) aspects in Air Distribution Systems (ADS) - Importance of discharge dampers / isolation dampers in parallel AHUs - Use of Motorized Isolation Dampers (MID) in energy conservation - ADS Energy Audit - Concept of Rapid Temperature Equalization (RTE) in ADS – Locating grills and diffusers. Thermal imaging technique for effective ADS – Thermal Insulation and Vapour barriers - Best field engineering practices of Air Distribution Systems components' like ducting, grills and diffusers.

ISHRAE MEMBERS AND FACULTY INVOLVED IN DISTINGUISHED LECTURER

