

ISHRAE

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



REFCON Report

Date -27thDEC2022

Kolhapur Sangli Sub chapter completed REFCON activity held at COCOON HOTEL, Amrai Rd, Khanbhag, Sangli.

Date - 27thDEC2022

Time -03.00 Pm to 8.00 pm

Students involved in this activity:5

Activity Completed:

REFCON 2022 is a one of its kind conference on "Refrigeration and Cold Storage Systems" organized by ISHRAE Pune Chapter

The event will cover technical sessions by eminent speakers from India focussing on topics related to design and build, turnkey Industrial Refrigeration plants, Ice plants and cold chain for fruits, vegetables, dairy, seafood, meat, Green concepts in cold storages & its limitations.

Activities Conducted are:

1. Basic Introduction about ISHRAE and Other things in Engineering.
2. Students from ISHRAE club are co-ordinator of this programme and also attended the webinar.
3. romoters of Cold Storages & Food Processing Plants
4. Industry professionals from Dairy, Seafood, Food processing, Pharmaceuticals & Cold Chain logistics
5. Consultants and Refrigeration Design Professionals
6. Facility managers & engineers professionals in & MEP Consultants
7. Government nodal agencies to Cold chain
8. System Integrators
9. HVAC & R Engineers

ISHRAE
Pune Chapter

ISHRAE
Kolhapur - Sangli Sub Chapter

75
Anniversary
ASHRAE

November 01 - 2022
P>CE

Indian Society of Heating Refrigerating And Air Conditioning Engineers

PUNE CHAPTER with KOLHAPUR - SANGLI SUB CHAPTER
Presents

REFCON

Refrigeration and Cold Chain Solutions towards sustainability



Chief Guest
Mr. Vinayakrao Patil
Chairman, Bajarambapu Patil Sah,
Dusse Sangh Ltd.,
Director, National Co-Op. Union of India
Director, Maharashtra Rajya Sahakar
South Maharashtra Mahasangh



Chief Guest
Mr. Santaji Kastam
Crazy Ice-cream, Sangli



Chief Guest
Mr. Nilesh Masare
Assistant Commissioner (Food)
Food and Drug Administration,
M.S., Sangli



DL Program
Mr. Ramesh Paranjpey



Distinguished speaker
Mr. Harshal Surange



Distinguished speaker
Mr. Siddhant Jain



Distinguished Guest
Mr. Umesh Kamble
Co-Chair, ASSOCHAM HSDC

Technology Partner
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WESTERN CHAPTER

ASHRAE
INDIAN CHAPTER

Date : 27th December, 2022 | Time : 03.00 pm onwards
Venue : COCOON HOTEL, Amrai Road, Khanbhag, Sangli.

The speakers of this programme:



Mr. Ramesh paranjpey.

Topic: - How to construct Energy Efficient and moisture Proof cold storage.

As per Mr. Paranjpey He has seen that most of the cold storages are not optimized to the best. And the major reasons are air leakage which leads to moisture condensation in the form of fog, ice, water dripping, etc.

This can cost a lot to the owner in terms of power as well as loss of material. It is essential to take care of finer points to avoid all these and also many more precautions which are neglected in more than 90% cold storages due to lack of knowledge or negligence.

Mr. Ramesh Paranjpey is a fellow life member of ASHRAE, Institution of Engineers. Is an ex-president of ISHRAE Pune chapter as well as ASHRAE western Chapter.

He has published more than 75 papers in national and international journals as well as Conducted corporate training on National level at Honeywell, Alfa Laval, Voltas, Bluestar, Thermax, Emerson, Tata Motors, Elgi, and ISHRAE, ASHRAE forums and on international in US, Singapore, China, Germany, etc.



Mr:-Harshal Surange.

Topic:- How to improve efficiency of cold stores using sustainability concepts.

He says that cold storages and cold chains will be an inevitable requirement of the future. As time passes by we see that things get more expensive and need for use of natural resources as well as building sustainable cold chains will be the need of time then.

Mr. Harshal Surange is a cold chain expert working out of Pune. He serves on ASHRAE's Refrigeration Technology Committee for Comfort, Process, and Cold Chain, chairs the Refrigeration Committee in ASHRAE Region at Large Sub Region 1 and 2 in South Asia, is ASHRAE's representative to the Global Cold Chain Council, and is empanel with the World Food Logistics Organization and the Asian Development Bank as a Cold Chain Expert. He has provided consulting services to major corporations throughout Asia for Refrigeration and Cold Chain project design and planning.

He is Director and CEO of ACR Project Consultants Pvt Ltd, a company that has been promoting Sustainable Cold Chain at Global Level for more than a decade.



Mr:-Siddhant Jain.

Topic:- How to concept IOT based control cold storage system.

Siddhant is a new gen entrepreneur from Pune his company is also into manufacturing of refrigeration components and heat exchangers.

As a youngster he feels that we should start working today for tomorrow and Information of things IOT is the next thing that is coming in and the students as well as next generation should start getting ready for the same.

Today we all want to have all data in our hand and alarms remotely and control on our finger tips and that is what he will be covering in his session.

He will be just giving you a glimpse of what's in store for the future and what we can take us through a journey in future in cold storage.

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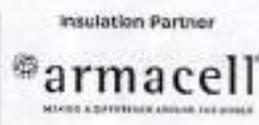
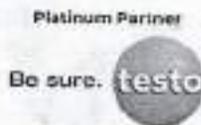
Lanyard Partner



Table Partners



Society Year Partners



Pictures during the activity:-



Certificates of students:-





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Kolhapur - Sangli Sub Chapter

75
Azadi Ka
Amrit Mahotsav



Theme for SY - 2022-23

P>CE

Women in
ISHRAE

INDIAN SOCIETY OF HEATING REFRIGERATING AND AIR CONDITIONING ENGINEERS

PUNE CHAPTER with
KOLHAPUR - SANGLI SUB CHAPTER

Presents

 **REFCON**

Refrigeration and Cold Chain
Solutions towards sustainability

Date : 27th December, 2022
Time : 03.00 pm onwards
Venue : COCOON HOTEL,
Amrai Road, Khanbhag, Sangli.

Contact : Mr. Vimal Chavda (Convener) : 9370319656

Mr. Bharat Dhere (Co Convener) : 9890104922

Mr. Siddhant Jain (Co Convener) : 7709115315

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 and sub chapters spread all over India, with HQ in New 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.

The Pune Chapter has conducted many seminars on a variety of subjects. The chapter operates from its own office fully equipped for training facilities. The ISHRAE Kolhapur-Sangli Sub chapter has been in operation since last ten years and has been operating on similar lines. The Refcon 2022 is being held in conjunction with them. To know further logon to www.ishrae.in

ABOUT THE CONFERENCE

REFCON 2022 is a one of its kind conference on "Refrigeration and Cold Storage Systems" organized by ISHRAE Pune Chapter.

The event will cover technical sessions by eminent speakers from India focussing on topics related to design and build, turnkey Industrial Refrigeration plants, Ice plants, cold chain for fruits, vegetables, dairy, seafood, meat, Green concepts in cold storages & its limitations.

India is the largest producer of milk in the world and the second largest producer of Fruits and Vegetables. Estimates by leading Industry bodies suggest 30% to 40% of this produce is wasted & much needs to be done to reach end consumer in farm fresh condition.

The vital necessity for refrigeration in the processing and handling of milk and other dairy products may be taken as an accepted fact. Same applies to meat, poultry and fisheries sector also. India's burgeoning industries also need the latest techniques in Refrigeration to help them produce world class products with world class efficiency. REFCON 2019 looks forward towards fulfilling all these requirements and will bring together some of the best speakers on the subject to present about the latest trends.

WHO SHOULD ATTEND

- ⊗ Promoters of Cold Storages & Food Processing Plants
- ⊗ Industry professionals from Dairy, Seafood, Food processing, Pharmaceuticals & Cold Chain logistics
- ⊗ Consultants and Refrigeration Design Professionals
- ⊗ Facility managers & engineers professionals in & MEP Consultants
- ⊗ Government nodal agencies to Cold chain
- ⊗ System Integrators
- ⊗ HVAC & R Engineers
- ⊗ ISHRAE student members



DL Program

Mr. Ramesh Paranjpey

Topic : How to construct Energy Efficient and moisture Proof cold storage.

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In addition to various publications that he has been published under his guidance the latest one is for ISHRAE in 2021 on ALL ABOUT INSULATION.



Distinguished speaker

Mr. Harshal Surange

Topic : How to improve efficiency of cold stores using sustainability concepts.

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Distinguished speaker

Mr. Siddhant Jain

Topic : Automation - IOT for Industrial Refrigeration - for Cold Storages, Dairies to increase Energy Efficiency.

Automation , Data Analytics, IOT, Machine Learning are the new buzzword in all industries, most of the Cold Storage, Dairy and Ice factory owners are facing issues of how to get higher efficiency out of their plants with rising power costs , reducing running costs, preventive maintenance, actively data mining of their plant and application of natural refrigerants as world moves ahead towards Cleaner technologies. I have been actively working on reducing the costs of Automation to make it cost effective for main stream Cold Storage, Dairy and Ice factory owners here in India.

Sidhaant is the third generation entrepreneur in business at SUPERFREEZE INDIA a prominent manufacturer of Ammonia Valves & Controls, in India. He is primarily Responsible for Sales & Marketing, West Region, but also has active background of Artificial Intelligence, Machine Learning, having worked previously on the same and has been playing a key role of Research & Implementation of Automation plants in Industrial Ammonia Refrigeration in India. He has already developed, implemented and running completely IOT Controlled Automated Ammonia Refrigeration plants for various corporate clients and their ancillaries in India.

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ISHRAE Pune Chapter : D 90-92, K. K. Market, Pune-Satara Road, Pune - 411043.

ISHRAE Kolhapur-Sangli Sub Chapter : 363/1-2, Sitara Complex, Ghorpade Lane,
Near Tara Tiles, Station Road, Kolhapur - 416 002.