

**Kolhapur Sangli Sub Chapter
&
N K Orchid College of Engg. and Tech, Solapur
Organizes...**



**Technical Webinar on
“Exploring Refrigeration & AC and Its Industrial
Applications”**

Webinar Report

Through our ISHRAE students' chapter and in association with ISHRAE Kolhapur Sangali Sub-Chapter, we arranged an Expert Lecturer on topic **“Exploring Refrigeration & AC and Its Industrial Applications”** by Mr. Sandeep Belsare on date 10/10/2020 at 11.20am.

The Expert lecture was organized on online Microsoft Team Platform in presence of HOD Mech Dr. S S Metan, Precedent of Kolhapur Sangali Sub-Chapter Prof. R. H. Yadhav and Faculty advisor Prof. S S Kale.

1. Welcome speech by Dr. S. S. Metan (Head of Mechanical Engineering Department)

The Program was started at 11.20 AM. Head of Mechanical Engineering Department – Dr. S. S. Metan Sir gave welcome speech introducing our college and especially Mechanical Department.

2. Introduction of Mr. Sandeep Belsare sir

At 11.25AM, after introduction of Guest, Prof. R H Yadav sir introduced Mr. Sandeep Belsare

3. Expert Lecture by Mr. Sandeep Belsare

At 11.30PM, Mr. Sandeep Belsare sir delivered expert lecture on topic “Exploring Refrigeration & AC and Its Industrial Applications” by Mr. Sandeep Belsare. He covered following points in his lecture-

- Fundamentals of refrigeration
- Cooling requirement for Agricultural product
- Cryogenics
- Applications of Refrigeration to-
 - Solar cold storage at farm level
 - Bulk Milk Cooler
 - Refrigeration in the Space Technology
 - Refrigeration in the Chemical Plant
 - Refrigerated Vehicles
 - Refrigeration Tankers
 - Refrigerated Liquid gas tankers/ships
 - Refrigerated Containers

After expert lecture question answer session was conducted

Screen shot of the online Expert Lecture:

Seminar on "Exploring Refrigeration & AC and Its Industrial Applications"

49:05

Request control

Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. [Privacy policy](#)

Dismiss

Refrigeration Cycle

Vapour compression system

Absorption system

Participants

Type a name

In this meeting (131)

Mute all

- suryaji kale Organizer
- b 67 te Guest
- b 67 te Guest
- A 66 Guest
- B-20 Guest
- Nikhil Guest
- TE-(B)-41 Guest
- A 16 (Guest) Guest
- A 33 Beskar Nooruddin Guest

On hold

Sandeep Belsare

Dr Shrinivas S Metan

R H Yadav President KSSC

Sandeep Belsare

11:33 AM 10/11/2020

Seminar on "Exploring Refrigeration & AC and Its Industrial Applications"

01:20:12

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Dismiss

REFRIGERATION In Agriculture

✓ SOLAR COLD STORAGE AT FARM LEVEL

Meeting chat

B-11 (Guest) 11:43 AM

B 11 (RAKESH Pardeshi)

A-08 Mhetre Mandar left the meeting.

Pradnya Patil left the meeting.

A-20 . left the meeting.

TE A 29 joined the meeting.

B-46 left the meeting.

Inaz Mulla left the meeting.

A-27 Adnan joined the meeting.

BE A 15 joined the meeting.

11:52 AM

Put your name and write what you know about Cryogenic

Type a new message

12:04 PM 10/11/2020

Seminar on "Exploring Refrigeration & AC and Its Industrial Applications"


01:35:34

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Dismiss

REFRIGERATION In SPACE Technology



✓ **HYDROGEN & OXYGEN LIQUEFACTION PLANT**

Sandeep Belsare

Meeting chat

BE A 34 left the meeting.

12:15 PM
Students can ask questions/doubts at the end of session.

A-21 left the meeting.
A11 left the meeting.
live:cid:a92b6e8b412f7dc7 left the meeting.
A-52 left the meeting.
live:cid:a92b6e8b412f7dc7 joined the meeting.
B-28 left the meeting.
mansirakade A3 left the meeting.
A01 left the meeting.
TE-B (70) joined the meeting.

Type a new message

12:20 PM 10/11/2020

Seminar on "Exploring Refrigeration & AC and Its Industrial Applications"


01:38:47

Request control

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Dismiss

REFRIGERATED VEHICLES



Sandeep Belsare

Meeting chat

BE A 34 left the meeting.

12:15 PM
Students can ask questions/doubts at the end of session.

A-21 left the meeting.
A11 left the meeting.
live:cid:a92b6e8b412f7dc7 left the meeting.
A-52 left the meeting.
live:cid:a92b6e8b412f7dc7 joined the meeting.
B-28 left the meeting.
mansirakade A3 left the meeting.
A01 left the meeting.
TE-B (70) joined the meeting.

Type a new message

12:23 PM 10/11/2020

Seminar on "Exploring Refrigeration & AC and Its Industrial Applications"

01:41:02

Request control

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REFRIGERATED CONTAINERS



Sandeep Belsare

TE-B-04 Sana Nadaf R H Yadav President K... Sandeep Belsare

Meeting chat

BE A 34 left the meeting.

12:15 PM
Students can ask questions/doubts at the end of session.

A-21 left the meeting.
A11 left the meeting.
live:cid.a92b6e8b412f7dc7 left the meeting.
A-52 left the meeting.
live:cid.a92b6e8b412f7dc7 joined the meeting.
B-28 left the meeting.
mansirokade A3 left the meeting.
A01 left the meeting.
TE-B (70) joined the meeting.

Type a new message


12:25 PM 10/11/2020

01:47:00

Request control

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REFRIGERATED LIQUID GAS TANKERS



Sandeep Belsare

TE-B-04 Sana Nadaf R H Yadav President K... Sandeep Belsare

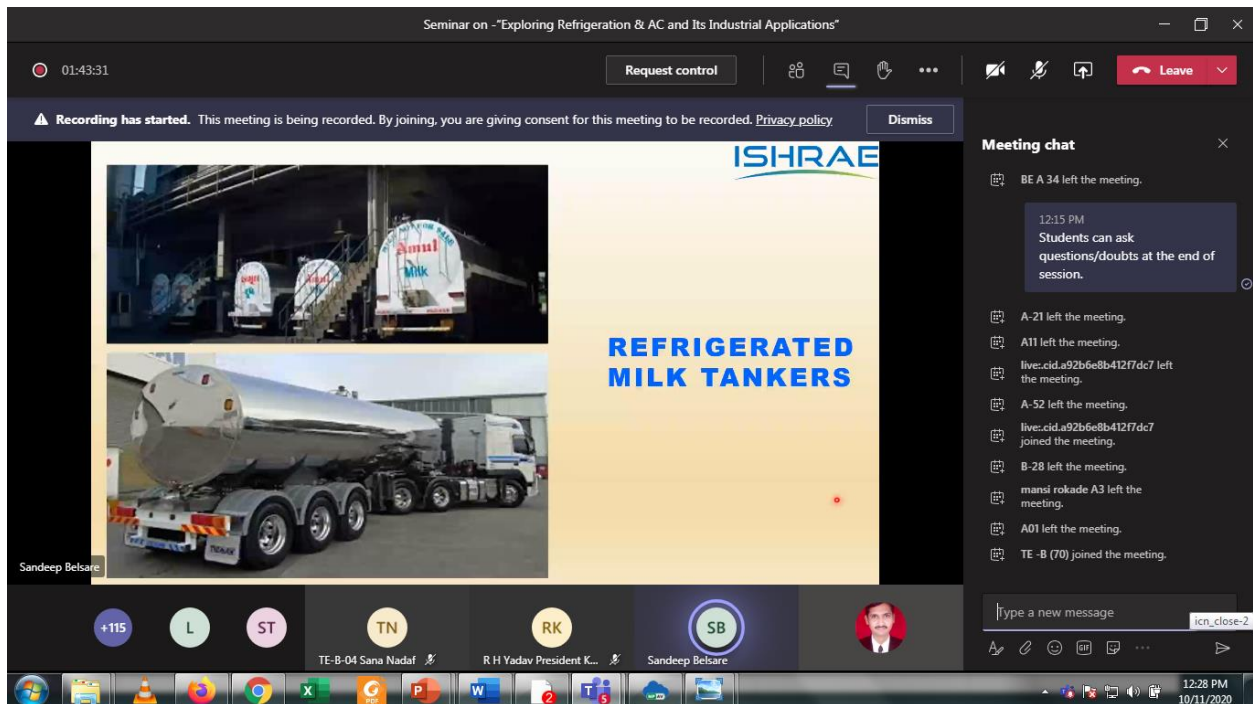
Meeting chat

B-74 left the meeting.
BE A 34 left the meeting.

12:15 PM
Students can ask questions/doubts at the end of session.

A-21 left the meeting.
A11 left the meeting.
live:cid.a92b6e8b412f7dc7 left the meeting.
A-52 left the meeting.
live:cid.a92b6e8b412f7dc7 joined the meeting.
B-28 left the meeting.
mansirokade A3 left the meeting.
A01 left the meeting.
TE-B (70) joined the meeting.

Type a new message



4. Vote of Thanks

At 12.40.00PM, At the end of program, Prof. S S Kale Sir (Faculty Advisor, ISHRAE Student Chapter) given Vot of thanks. He highlited content covered in the Expert lecture, college authority, staff and students. He thanked Mr. Sandeep Belsare sir, Prof. R H Yadav sir, Dr. S S Metan sir and all faculty and students.

Invitation Flyer



**Indian Society of Heating,
Refrigerating and Air-Conditioning
Engineers**



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Technical Webinar on “Exploring Refrigeration & AC and Its Industrial Applications”

Speaker



Mr Sandeep Belsare
IPP ISHRAE Indore

About Speaker

- ✚ Mr Sandeep Belsare has a wide experience of 18 Years, Working in many companies, like IDMC Ltd, Blue Star Ltd and LG Electronics Ltd.
- ✚ He worked as Project Engineer, Service Engineer, Project Manager, Sales Manager etc.
- ✚ He has Executed Many HVAC and R Projects in Various Parts of India and Abroad.
- ✚ Since 2012 he has started his own business and is a partner in Cool Castle based out of Indore, undertaking various HVAC and R projects.

Day & Date: Tuesday, 10th November 2020,.

Time: 11.20 am onwards

Microsoft Team Link - <https://bit.ly/3pluzpQ>

Prof. S S Kale
Faculty Advisor
NKOCET

Dr. S S Metan
HOD Mech Dept
NKOCET

Prof. R H Yadav
President
IKSSC

Dr. J B Dafedar
Principal
NKOCET

Agenda of the Webinar



Pradnya Niketan Education Society, Pune.

**NAGESH KARAJAGI ORCHID COLLEGE OF
ENGINEERING & TECHNOLOGY, SOLAPUR**

NAAC Accredited, Approved by AICTE, New Delhi & Affiliated to DBATU, Lonere

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Technical Webinar on **“Exploring Refrigeration & AC and Its Industrial Applications”**

AGENDA

Day & Date: Tuesday, 10/11/2020.

Time	Details
11:20am to 11:25am	Welcome Speech by Dr. S.S. Metan Head, Mechanical Engg. Department.
11:25pm to 11:30pm	Introduction of Chief Guest by Prof. R H Yadav
11:30am to 12:30pm.	Webinar on “Exploring Refrigeration & AC and Its Industrial Applications” by Mr. Sandeep Belsare
12:30pm to 12:35pm	Vote of Thanks by Prof. S S Kale