

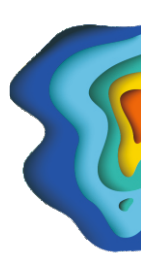
INVITATION
TO VISIT



ISHRAE

NÜRNBERG MESE

INTERNATIONAL EXHIBITION
AND CONFERENCE ON COLD CHAIN,
INDUSTRIAL REFRIGERATION
& REEFER TRANSPORTATION



REFCOLD INDIA

22 - 24 NOVEMBER, 2018

Mahatma Mandir Convention Cum
Exhibition Centre, Gandhinagar, Gujarat



REFCOLD INDIA is an initiative of ISHRAE & NürnbergMesse India, which has been actively working towards the growth of Refrigeration and Cold Chain Industry with an objective to bring forward the best technology solutions and increase the overall growth of this sector. The event covers all sections of refrigeration & cold chain industry bringing all stakeholders together under one roof.

**AN
EXPERIENCE
LIKE
NEVER
BEFORE**

- An unrivaled networking opportunity to meet over 100 exhibitors from India and abroad
- It's where business happens - once you've found what you're looking for, we provide a relaxed and professional environment for you to network and get business done
- Gain industry insight and knowledge - the expo gives you a unique access to experts from across India and overseas
- Get the support you need throughout - REFCOLD INDIA is more than a three-day show. We provide support all year round to help meet your business needs. This includes supporting you, to have the most relevant and productive visit possible.

SHOW TIMINGS:

22nd November 2018 - 10 AM to 6 PM

23rd November 2018 - 10 AM to 6 PM

24th November 2018 - 10 AM to 5 PM

EXHIBITORS' PROFILE



**COLD
STORAGE &
EQUIPMENT**



**COLD
TRANSPORTATION
& EQUIPMENT**



**COLD
CHAIN
SERVICES**



**INDUSTRIAL
REFRIGERATION**



22 - 24 NOVEMBER, 2018
Mahatma Mandir Convention Cum
Exhibition Centre, Gandhinagar, Gujarat

**AN EXHIBITION
WITH A
DIFFERENCE**



Showcasing
the latest
technologies &
solutions in
**refrigerated
transport**



The only
exhibition focusing
on **industrial
refrigeration** along
with **cold chain
and reefer
transportation**



Innovation Hub - It is a prospering platform
for all the ACE-CLASS exhibitors and
partners to showcase their creative
ideations, visions, innovations, patented
products, and technologies which have
power to transform the Refrigeration and
Cold Chain industry to its core.



Creating an ecosystem for entrepreneurship through **Entrepreneurs Conclave** by industry experts



Connecting cold chain & refrigeration industry suppliers and buyers through **Buyer Seller Meet**



The **REFCOLD INDIA Emerson Awards** will reward innovative and outstanding energy efficient projects & products in the Cold Chain & Refrigeration industry. This design competition is open to all stakeholders - Consultants, OEMs, Owners, Contractors and all professionals from the sector.

DAIKIN

PRESENTS

GLOBAL STUDENT
POSTER DESIGN
COMPETITION
2018



As part of the REFCOLD INDIA 2018, a **Poster Competition** is being organized for the students across the world. The aim is to involve academic community in the conference facilitate wider and to provide platform to the national and international students to demonstrate their innovative research.



Creating a platform for international opportunities through **delegations from France, Germany, China & Turkey**



The **Business Summit** is aimed to provide a lot of opportunities for exhibitors as a select few, premium and verified buyers will visit from across the country and from the international participation in order to interact on one on one basis.

VENUE: MAHATMA MANDIR CONVENTION AND EXHIBITION CENTRE

Mahatma Mandir is developed in an area of around 34 Acres, in the Central Vista of Gandhinagar, directly in front of the assembly complex. Located at 20 kms. from Ahmedabad international airport and approx. 30 kms. from Ahmedabad railway station, Mahatma Mandir is well connected with National Highway to Delhi, Mumbai etc.

For Hotels and Tickets booking, please visit www.refcoldindia.com or call Dimple P. Hira: +91 7600732962



REFCOLD INDIA

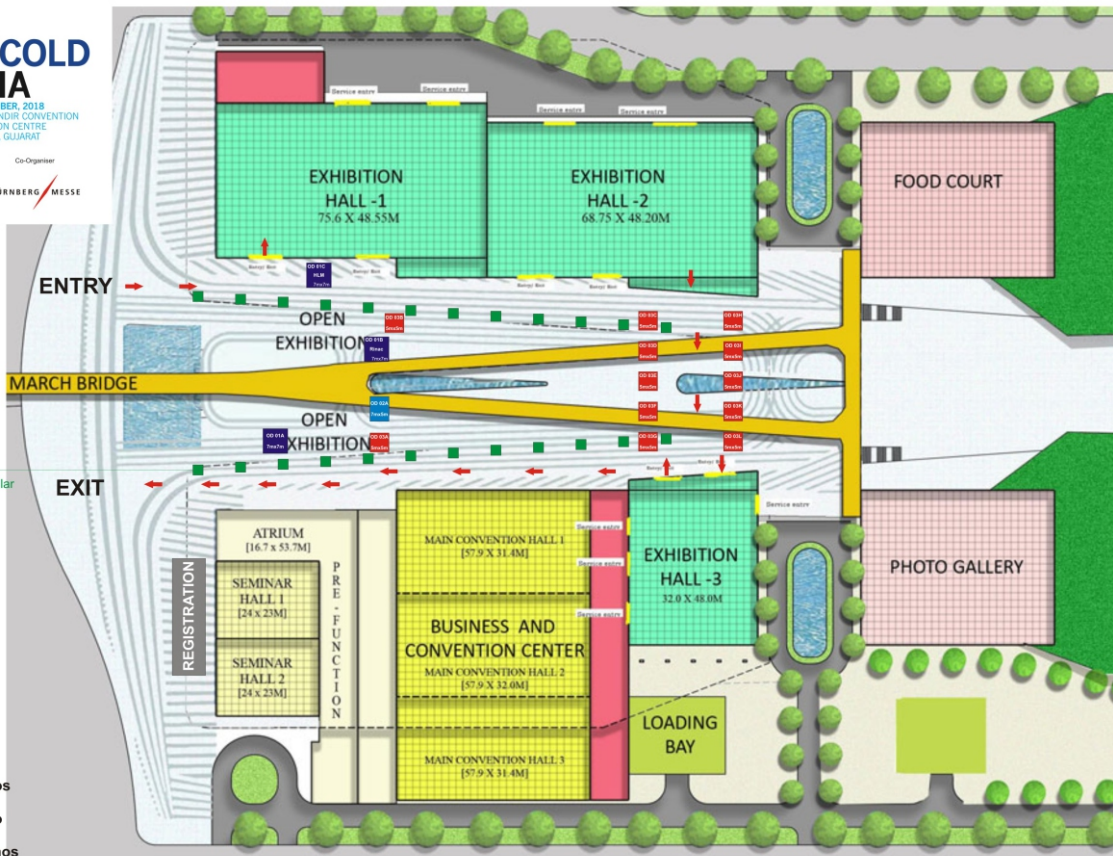
22 - 24 NOVEMBER, 2018
MAHATMA MANDIR CONVENTION
CUM EXHIBITION CENTRE
GANDHINAGAR, GUJARAT

Organiser



Co-Organiser

NÜRNBERG MESSE



Light Pillar Branding
2.25m x 3.3m - Total 24 Pillar
4sides - Total 96nos

Outdoor Areas:

OD 01 7m x 7m - 3nos

OD 02 7m x 5m - 1no

OD 03 5m x 5m - 12nos

EDUCATING & SHARING EXPERTISE THROUGH WORKSHOPS & SEMINARS

LEARN TODAY, GROW TOMORROW

SEMINAR PROGRAMME



THEME: INDUSTRIAL REFRIGERATION

22nd November 2018 | Seminar Session - 1 (Afternoon 2 pm to 5 pm)

TIME	EVENT	TOPIC	SPEAKER
2:00 pm - 2:30 pm	Seminar	Sustainable Technology for Cold Chain	Mr. Arvind Surange
2:30 pm - 3:00 pm	Seminar	CO ₂ As Refrigerant	Mr. Calogero Livio Calabrese
3:00 pm - 3:30 pm	Seminar	Food Retail - key to sustainable Cold Chain	Mr. Vinay Khunger
3:45 pm - 4:15 pm	Seminar	Introduction to Standards on Refrigeration	A A R
4:15 pm - 4:45 pm	Seminar	Introduction to Standards on Refrigeration	A A R
4:45 pm - 5:00 pm	Paper Presentation	Paper Presentation By Winner of Global Poster Competition	Winner

SEMINAR PROGRAMME



THEME: REFRIGERATION IN COLD CHAIN INDUSTRIES

23rd November 2018 | Seminar Session - 2 (Morning 9 am to 12 pm)

TIME	EVENT	TOPIC	SPEAKER
Global Policy & Technical Perspectives			
9:00 am - 10:30 am	Seminar	Montreal Protocol and Cold Chain; an Overview of Challenges and Opportunities in Article 5 Countries	Mr. Ayman Eltalouny, UN Environment
		Understanding the Sector; Cold Chain Technology Briefs	Mr. Didier Coulomb, IIR
		Global Food Cold Chain Council and Building Cold Chain Database Model	GFCC
		Sustainable Refrigerating Facilities; Guidelines for Sustainable Design and Operation	Mr. Arvind Surange, ASHRAE
		Challenges and considerations of the Marine and Off-Shore Fisheries Sector in Article 5 Countries	Mr. Alvin Jose, UN Environment
India Perspective for the Cold Chain Sector			
10:45 am - 12:00 pm	Seminar	Cold Chain and Local Agricultural Sector	Mr. Pavanexh Kohli, NCCD
		Innovation Opportunities in the Cold Chain Sector & its linkages with Montreal Protocol in India	Mr. R. S. Agarwal, National Ozone Cell of India
		Indian Industry Perspectives	Mr. Ravi Purushoththaman, CII Taskforce on Cold Chain
		Opportunities for Natural Refrigerants in Cold Chain Sector in India	Mr. Anil Gulanikar, Association of Ammonia Refrigeration



SEMINAR PROGRAMME



THEME: NATURAL REFRIGERANTS

23rd November 2018 | Seminar Session - 3 (Afternoon 2 pm to 5 pm)

TIME	EVENT	TOPIC	SPEAKER
2:00 pm - 2:30 pm	Seminar	Application of Refrigeration in Pharmaceutical Industry	Mr. Gerald Cavalier
2:30 pm - 3:00 pm	Seminar	Introduction to Natural Refrigerants & Alternatives to HFCs	Mr. Didier Coloumb
3:00 pm - 3:30 pm	Seminar	CO ₂ as Refrigerant	Dr. M. P. Maiya
3:45 pm - 4:15 pm	Seminar	Modern Technology Infrastructure for Cold Storage	Mr. Kuniaki Kawamura
4:15 pm - 4:45 pm	Seminar	Design of two stage system for maximum efficiency	Mr. Dilip Sarda
4:45 pm - 5:00 pm	Paper Presentation	Paper Presentation By Winner of Global Poster Competition	Runner up - 1



THEME: INNOVATIVE TECHNOLOGIES IN REFRIGERATION

24th November 2018 | Seminar Session - 4 (Morning 10 am to 1 pm)

TIME	EVENT	TOPIC	SPEAKER
10:00 am - 10:30 am	Seminar	Latest trends in compressors, condensers, evaporators and system design	Mr. Ramesh Paranjpey
10:30 am - 11:00 am	Seminar	Energy Efficient and Modern Technology Infrastructure for cold stores including steel structure and thermal insulation	Mr. K K Mitra
11:00 am - 11:30 am	Seminar	Predictive Diagnostics: Futuristic Management of Refrigeration Asset Productivity.	Mr. Manjunath M S
11:45 am - 12:15 pm	Seminar	Emerging trends in refrigeration and cold chain sector	Mr. Harshal Surange
12:15 pm - 12:45 pm	Seminar	Does Inverter Refrigeration Exist?	Mr. Parth Thakkar
12:45 pm - 1:00 pm	Paper Presentation	Paper Presentation By Winner of Global Poster Competition	Runner up - 2

Fee Structure:

For Non-members: Rs. 500/- for each Seminar Session (Inclusive GST)

For ISHRAE / ASHRAE / Supporting Society Members: Rs. 400/- for each Seminar Session (Inclusive GST)

WORKSHOP PROGRAMME

22nd November 2018 | Workshop Session - 1

EFFICIENCY IMPROVEMENT IN REFRIGERATION PLANT & COLD STORAGE

TIME	EVENT	TOPIC	SPEAKER
2:00 pm - 3:00 pm	Workshop - 1	Self-Audit of a Cold Store and Determination of COP	Mr. Harshal Surange
3:00 pm - 3:15 pm	Q & A	Question & Answer Session	Open House
3:30 pm - 4:30 pm	Workshop - 2	Efficiency Improvement - Insulation	Mr. K K Mitra
4:30 pm - 4:45 pm	Q & A	Question & Answer Session	Open House

23rd November 2018 | Workshop Session - 2

TROUBLESHOOTING & SAFETY ASPECTS IN REFRIGERATION PLANT & COLD STORAGE

TIME	EVENT	TOPIC	SPEAKER
2:00 pm - 3:00 pm	Workshop - 1	Safety in Operation	Mr. Ramesh Paranjpey
3:00 pm - 3:15 pm	Q & A	Question & Answer Session	Open House
3:30 pm - 4:30 pm	Workshop - 2	Best Practices in O & M Refrigeration Plant	Mr. Parth Thakkar
4:30 pm - 4:45 pm	Q & A	Question & Answer Session	Open House

24th November 2018 | Workshop Session - 3

OPERATION & MAINTENANCE OF REFRIGERATION PLANT & COLD STORAGE

TIME	EVENT	TOPIC	SPEAKER
10:00 am - 11:00 am	Workshop - 1	Trouble Shooting	Mr. Dilip Sarda
11:00 am - 11:15 am	Q & A	Question & Answer Session	Open House
11:30 am - 12:30 pm	Workshop - 2	The Fire Losses due to inherent use of Metal Sandwich Panels - The myths, facts and solutions	Mr. Abasaheb P. Kale
12:30 pm - 12:45 pm	Q & A	Question & Answer Session	Open House

Fee Structure: Free for all subject to pre-registration



WORKSHOP PROGRAMME

India's first ever event focusing on Cold Storages and Mobile Refrigeration, REFCOLD INDIA 2018 is paving the way for success with the support of State and Central government



We support REFCOLD India's effort towards our Prime Minister's dream of doubling the farmer's income.

Gujarat Horticulture Mission

I extend my congratulations to ISHRAE and NürnbergMesse for organizing REFCOLD INDIA 2018 & my best wishes for all the success of the event.

Gyanesh Bharati , Ministry of Environment, Forest and Climate Change

I think REFCOLD INDIA 2018 will provide a great platform to share and explore new opportunities in Cold storage and Mobile Refrigeration industry.

Narendra Singh Tomar, Ministry of Rural Development, Panchayati Raj and Mines, Government of India

An efficient & quality food supply infrastructure is key to India's food security for its more than one billion citizens.

I congratulate the entire team for organizing REFCOLD INDIA 2018.

Kaushik Patel, Minister, Revenue Government of Gujarat

In Agro-based economy like India, the need for food preservation infrastructure is very important. I convey my best wishes to REFCOLD INDIA 2018.

Saurabh Bhaj Patel, Minister of Petroleum & Energy, Gujarat State



Organiser



ISHRAE

Co-organiser

NÜRNBERG MESSE

BLOCK YOUR SPACE FOR

INDIA'S ONLY FOCUSED EVENT ON COLD CHAIN, INDUSTRIAL REFRIGERATION & REEFER TRANSPORTATION



**REFCOLD
INDIA**

21 - 23 NOVEMBER, 2019

Hitex Exhibition Centre, Hyderabad

**EXHIBITOR
PROFILE**



**COLD
STORAGE &
EQUIPMENT**



**COLD
TRANSPORTATION
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REFRIGERATION**



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ISHRAE Ahmedabad • M.: +91 9909980460 • E: secretariat@refcoldindia.com

Address: 204, Sarita Complex, Behind Samudra Complex, Off. C.G. Road, Navrangpura, Ahmedabad - 380009

Register online at: www.refcoldindia.com

ENTRY FREE

Please visit us at REFCOLD INDIA 2018

Company Name: _____ Hall No.: _____ Stall No.: _____