

PROGRAMME

CALENDAR

ACREX[®]
India 2018

22 - 24 FEBRUARY 2018 | BIEC, BENGALURU

South Asia's Largest Exhibition on
Refrigeration & Cold Chain,
Air Conditioning, Ventilation and
Intelligent Buildings

Organiser:



Event Producer:



Endorsed By:



20C Supported By:



BFA OPENING CEREMONY

Outside Hall 3A, BIEC, Bengaluru

THURSDAY | 22.02.2018

Time	BFA
09:15 h - 09:30 h	Assembly of exhibitors / visitors outside BFA Square <i>Entry: By Invitation</i>

HVAC WORKSHOPS

Ceres Hall, Hotel Sheraton, Bengaluru

WEDNESDAY | 21.02.2018

Time	ACREX India 2018
09:30 h	Workshop Inauguration <i>Entry: By Invitation</i>
10:00 h-13:00 h	Session I Topic: Best practices in Healthcare facility HVAC design Speaker 1: Gautham Baliga Director, OPAL HVAC Engineers Pvt Ltd Speaker 2: Prashant Desai Director, Elm Enterprises Private Limited <i>Entry: Paid Entry</i>
13:00 h-14:00 h	Lunch
14:00 h-17:00 h	Session II Topic: Architecting the Next Generation Data Centers Speaker: Mukul Anand Manager, Application Engineering team (Chillers) for North America <i>Entry: Paid Entry</i>

SEMINAR ON REFRIGERATION & COLD CHAIN

Seminar Room - Jupiter Hall, Hotel Sheraton, Bengaluru

WEDNESDAY | 21.02.2018

Time	ACREX India 2018
10:05 h-10:15 h	Seminar Inauguration <i>Entry: By Invitation</i>
10:15 h-11:00 h	Seminar - Refrigeration and Cold Chain Session I Topic: Government Support for Cold Chain Infrastructure Development Speaker: Arvind Surange Fellow ASHRAE and Chairman cum Managing Director, ACR Project Consultants Pvt. Ltd., Pune <i>Entry: Paid</i>
11:30 h-12:15 h	Session 2 Topic: Refrigeration Evaporators for Modern Cold Chain Infrastructure Speaker: Ramesh Paranjpey ASHRAE Fellow Life Member and Refrigeration Consultant <i>Entry: Paid</i>

SEMINAR ON REFRIGERATION & COLD CHAIN

Seminar Room - Jupiter Hall, Hotel Sheraton, Bengaluru

WEDNESDAY | 21.02.2018

Time	ACREX India 2018
12:15 h-13:00 h	<p>Session 3</p> <p>Topic: Case Study for Energy Efficiency in Condensing Units</p> <p>Speaker: Vijaykumar Roy Senior Manager, Business Development, CC Sales Driver - India, Middle east & Africa, Danfoss Refrigeration and Airconditioning</p> <p><i>Entry: Paid</i></p>
14:00 h-14:45 h	<p>Session 4</p> <p>Topic: Transport Refrigeration - Futuristic Trends</p> <p>Speaker: Dr. Wilson Lawrence Engineering Leader, Product Development, Ingersol Rand</p> <p><i>Entry: Paid</i></p>

SEMINAR ON REFRIGERATION & COLD CHAIN

Seminar Room - Jupiter Hall, Hotel Sheraton, Bengaluru

WEDNESDAY | 21.02.2018

Time	ACREX India 2018
14:45 h-15:30 h	<p>Session 5</p> <p>Topic: Sustainable Technologies in Modern Cold Chain</p> <p>Speaker: Harshal Surange Director and CEO, ACR Project Consultants Pvt. Ltd., Pune</p> <p><i>Entry: Paid</i></p>
16:00 h-17:30 h	<p>Panel Discussion</p> <p>Topic: Road Map for Cold Chain in India</p> <p>Moderator</p> <p>P V Balasubramania Managing Director, Rinac India Limited, Bangalore</p> <p>Panelists</p> <p>Koneti Gopi Finance and Project, Group Executive Vice President and Head South India for Food and Agri Business Strategic Advisory and Research, Yes Bank limited, Hyderabad</p> <p>Gopi Krishnan Executive Vice President and CO, Voltas Limited, Mumbai</p>

SEMINAR ON REFRIGERATION & COLD CHAIN

Seminar Room - Jupiter Hall, Hotel Sheraton, Bengaluru

WEDNESDAY | 21.02.2018

Time	ACREX India 2018
	<p>Pankaj Mehta Managing Director, Carrier Transicold India and South Asia, Mumbai</p> <p>Ambat Rajesh Premchandra Vice President, Danfoss India Pvt. Ltd., Bangalore</p> <p>Soji Abraham Senior Vice President, Rinac India Limited, Bangalore</p> <p>Charles C P President, ABT Industries Limited, Coimbatore</p> <p>Subramanian. P GM - Technica, Snowman, Bangalore</p> <p><i>Entry: Paid</i></p>

21.02.2018
(18:30 h-22:00 h)

Curtain Raiser
Venue: Hotel Sheraton, Bangalore

Entry: Strictly By Invitation

SEMINARS

Workshop & Seminar Room I - Cassia Hall, BIEC, Bengaluru

THURSDAY | 22.02.2018

Time	ACREX India 2018
10:00 h-13:00 h	UN Environment (UNEP) Seminar / Industry Roundtable
10:00 h-10:15 h	Welcome Remarks by UNEP Representative
10:15 h-10:30 h	Keynote Address by Gyanesh Bharti Jt Secy, MoEFCC
10:30 h-10:45 h	Overview of global perspectives on the ODS Phase-out and the Kigali Amendment Speaker: UNEP Representative
10:45 h-11:00 h	Green Buildings: Challenges and Opportunities for Energy Efficiency and Reduction of Cooling Demand Speaker: Ashish Rakheja Indian Society for Heating, Refrigeration and Air-Conditioning Engineers (ISHRAE)
11:00 h-11:15 h	Passive cooling technologies: Opportunities and challenges Speaker: Ramendra Sahai Symphony Limited
11:15 h-1:30 h	Innovations in Energy Efficient HVAC&R Technologies Speaker: Prof (Dr) Milind Rane IIT Bombay

SEMINARS

Workshop & Seminar Room I - Cassia Hall, BIEC, Bengaluru

THURSDAY | 22.02.2018

Time	ACREX India 2018
11:30 h-11:45 h	Use of natural refrigerants in India: Challenges and Opportunities for the Cold Chain Sector Speaker: Anil Gulanikar , Association of Ammonia Refrigeration
11:45 h-12:00 h	Update on low-GWP refrigerant options for the HVAC&R sector Speaker: Prof R S Agarwal
12:00 h-12:15 h	Upskilling service technicians for alternative AC technologies Speaker: Smita Vichare , GIZ-India
12:15 h-12:30 h	Technologies to enable safe and sustainable storage, handling, usage of refrigerants Speaker: Kapil Singhal , BP Refcool
12:30 h-12:45 h	Transcritical CO₂ in the cold chain sector Speaker: Prof MP Maiya , IIT-Madras
12:45 h-13:00 h	Energy Efficiency in the Air-conditioning Sector: Policy options Speaker: J M Bhambure , Bluestar Closing Remarks by Dr Amit Love , Ozone Cell, MoEFCC

Entry: Paid Entry

HVAC WORKSHOP

Workshop & Seminar Room I - Cassia Hall, BIEC, Bengaluru

THURSDAY | 22.02.2018

Time	ACREX India 2018
14:00 h-17:00 h	Workshop - HVAC Session 3 Topic: Tall Buildings Speaker: Peter Simmonds Ph.D. ASHRAE, FIBPSA, FFTI; Managing Director/Principal; Building and Systems Analytics LLC, Marina del Rey, California and Hong Kong <i>Entry: Paid Entry</i>
17:00 h-18:00 h	ISHRAE EGM <i>Entry: By Invitation</i>

22.02.2018
(18:30 h-22:00 h)

ACREX Awards of Excellence Night
Venue: Jacaranda Hall, BIEC

Entry: Strictly By Invitation

SEMINARS

Workshop & Seminar Room I - Cassia Hall, BIEC, Bengaluru

FRIDAY | 23.02.2018

Time	ACREX India 2018
10:00 h-13:00 h	BFA Seminar
	Topic: Architectural related and MEP Service requirements for Concept Design in Tall Buildings Speaker: Peter Simmonds Distinguished Lecturer, ASHRAE
	Topic: An Approach to a Fully Functional Sustainable HVAC System for a Commercial Building Speaker: D Nirmal Ram Principal Consultant, Cerebration Consultants, Bangalore, India
	Topic: Water Efficiency and Sanitation Standard for the Built Environment Speaker: Tom Palkon Senior VP - Water Systems IAPMO R&T
Topic: Environmental Health and Safety Regulation for Compliance in Fire Codes in Buildings Speaker: Barun Kar ITC Structural Auditor	

SEMINARS

Workshop & Seminar Room I - Cassia Hall, BIEC, Bengaluru

FRIDAY | 23.02.2018

Time	ACREX India 2018
	<p>Panel Discussion: Importance of Integration of Services for Tall Buildings</p> <p>Panelists:</p> <p>Peter Simmonds Distinguished Lecturer, ASHRAE</p> <p>Satish Iyengar Services Consultants Mep, Green buildings & Sustainability</p> <p>Tom Palkon Senior VP - Water Systems IAPMO R&T</p> <p>Barun Kar ITC Structural Auditor</p> <p>Nicholas Member of Council of Architecture, India & LEED, (USGBC, USA), Accredited Professional</p> <p>Pankaj Dharkar President, Fire & Security Association of India (FSAI)</p> <p><i>Entry: By Invitation</i></p>

SEMINARS

Workshop & Seminar Room I - Cassia Hall, BIEC, Bengaluru

FRIDAY | 23.02.2018

Time	ACREX India 2018
14:00 h-17:00 h	REHVA Seminar
	Welcome and introduction Speaker: Vishal Kapur , ISHRAE President
	Topic: Status quo about IEQ in schools, health & learning performance effects Speaker: Atze Boerstra REHVA Vice-president
	Topic: Thermal comfort in schools Speaker: Jyotirmay Mathur Indian thermal comfort specialist, ISHRAE member
	Topic: An Indian school's perspective on energy use and indoor climate in schools Speaker: Kavita Gupta Sabharwal Managing Trustee, Neev Trust, Bengaluru
	Coffee break
	Topic: Improving energy & IEQ performance in practice Speaker: Maija Virta CEO at Santrupty Engineers, REHVA fellow and ISHRAE member

SEMINARS

Workshop & Seminar Room I - Cassia Hall, BIEC, Bengaluru

FRIDAY | 23.02.2018

Time	ACREX India 2018
	<p>Topic: High performance ventilation systems for schools</p> <p>Speaker: Eric Foucherot Director International Affairs at Eurovent Certita Certification</p>
	<p>Topic: Energy performance of schools: past, present, future</p> <p>Speaker: Nitin Deodhar ISHRAE Research Chair</p>
	<p>Open discussion</p>
	<p>Closing remarks</p> <p>Speaker: Chandrasekaran Subramaniam ISHRAE President Elect</p> <p><i>Entry: By Invitation</i></p>

23.02.2018
(18:30 h-22:00 h)

ACREX Hall of Fame
Venue: Taj Vivanta, Yeshwantpur, Bengaluru

Entry: Strictly By Invitation

REFRIGERATION & COLD CHAIN WORKSHOPS

Workshop Room 2 - Parijatha Hall, BIEC, Bengaluru

THURSDAY | 22.02.2018

Time	ACREX India 2018
14:00 h-17:00 h	Workshop - Refrigeration and Cold Chain
	Session I Topic: a) Ammonia Refrigeration Design and Safety Aspects Speaker: Eric Smith Vice President, International Institute of Ammonia Refrigeration, USA
	b) Case Study of Productivity Enhancement in Ammonia Refrigeration in Fish Processing Speaker: Venkateswaran B. Maniam Sales Director Industrial Refrigeration, Asia Pacific & Indian Region, Danfoss India

Entry: Paid Entry

22.02.2018
(18:30 h-22:00 h)

ACREX Awards of Excellence Night
Venue: Jacaranda Hall, BIEC

Entry: Strictly By Invitation

REFRIGERATION & COLD CHAIN WORKSHOPS

Workshop Room 2 - Parijatha Hall, BIEC, Bengaluru

FRIDAY | 23.02.2018

Time	ACREX India 2018
10:00 h-13:00 h	Workshop - Refrigeration and Cold Chain
	Session 2
	Topic: a) An overview of Cold Warehousing Speaker: Manjunath MS CEO, Cold Chain Consultancy
	Topic: b) Rack Refrigeration for Cold Warehousing Speaker: Massimo Nava Application Manager, Frascold, Italy
	Topic: c) Indoor Units for Cold Warehousing Speaker: Sevan Inyapan Sales Manager, Karyar Heat Exchangers, Turkey

Entry: Paid Entry

HVAC WORKSHOPS

Workshop Room 2 - Parijatha Hall, BIEC, Bengaluru

FRIDAY | 23.02.2018

Time	ACREX India 2018
	Workshop - HVAC
	Session 4
14:00 h - 15:30 h	Internet of Things (IOT) leveraged BMS for Smart Buildings and Smart Cities Speaker: Vijay Kumar , President International Business, Cylon Controls (Ireland)
15:31 h - 16:00 h	VOLTAS Presentation
16:01 h - 17:30 h	Common Indoor Environmental Quality Issues Impacting Structures Speaker: Derrick A. Denis CIEC, CIAQP, CEOP Vice President of Indoor Environmental Quality with Clark Seif Clark, Inc. (CSC) by Indoor Air Quality Association (IAQA)

Entry: Paid Entry

23.02.2018
(18:30 h-22:00 h)

ACREX Hall of Fame
Venue: Taj Vivanta, Yeshwantpur, Bengaluru

Entry: Strictly By Invitation

ISHRAE'S PRESIDENTIAL LUNCHEON

Food Court, Fine Dine, 1st Floor, BIEC, Bengaluru

THURSDAY | 22.02.2018

Time	ACREX India 2018
12:30 h-14:00 h	Presidential Luncheon: Associate Societies (Domestic + International) <i>Entry: By Invitation</i>

FRIDAY | 23.02.2018

Time	ACREX India 2018
12:30 h-14:00 h	Presidential Luncheon: Industry Captains <i>Entry: By Invitation</i>

STUDENTS QUIZ

Gulmohar Hall, BIEC, Bengaluru

FRIDAY | 23.02.2018

Time	ACREX India 2018
13:30 h-17:30 h	Students Quiz <i>Entry: Free</i>

ISHRAE MEETINGS

Hibiscus, 1st Floor, Conference Centre, above Parijatha Hall

THURSDAY | 22.02.2018

Time	ACREX India 2018
10:30 h-12:30 h	ISHRAE Technical Group Meeting
14:30 h-15:30 h	ISHRAE- ASHRAE Meeting
15:30 h-16:30 h	ISHRAE - CAR Meeting

Entry: By Invitation

FRIDAY | 23.02.2018

Time	ACREX India 2018
10:30 h-11:30 h	ISHRAE - RAMA - AHRI Meeting
11:30 h-12:30 h	ISHRAE - REHVA Meeting
15:30 h-16:00 h	ISHRAE - EUROVENT Meeting

Entry: By Invitation

SATURDAY | 24.02.2018

Time	ACREX India 2018
09:30 h-10:30 h	ACREX - NM MEETING
10:30 h-11:30 h	BFA
11:30 h-12:00 h	ISHRAE - Turkish Societies Meeting

Entry: By Invitation

ISHRAE MEETINGS

Cassia Hall, BIEC, Bengaluru

THURSDAY | 22.02.2018

Time	ACREX India 2018
17:00 h-18:00 h	ISHRAE EGM <i>Entry: By Invitation</i>

ISHRAE MEETINGS

Hall 4, Ground Floor, right hand side, BIEC, Bengaluru

FRIDAY | 23.02.2018

Time	ACREX India 2018
10:30 h-13:00 h	IIE Diploma Committee Meeting <i>Entry: By Invitation</i>

ISHRAE MEETINGS

Hall 4, 1st Floor, BIEC, Bengaluru

THURSDAY | 22.02.2018

Time	ACREX India 2018
11:00 h-13:00 h	AHRI Meeting
14:00 h-16:00 h	AHRI Meeting

Entry: By Invitation

ISHRAE MEETINGS

Hall 4, 1st Floor, BIEC, Bengaluru

FRIDAY | 23.02.2018

Time	ACREX India 2018
10:30 h-11:30 h	Women in ISHRAE
11:30 h-12:30 h	Meeting with Captains of Ventilation Industry
14:30 h-15:30 h	Meeting with Captains of Refrigeration & Cold Chain Industry

Entry: By Invitation

ACREX[®] India 2019

28 February - 2 March 2019
BEC, Mumbai

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OF HVAC & R
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