

South Asia's Largest Exhibition  
on Air Conditioning,  
Ventilation, Refrigeration  
and Building Services

# ACREX<sup>®</sup> India 2016

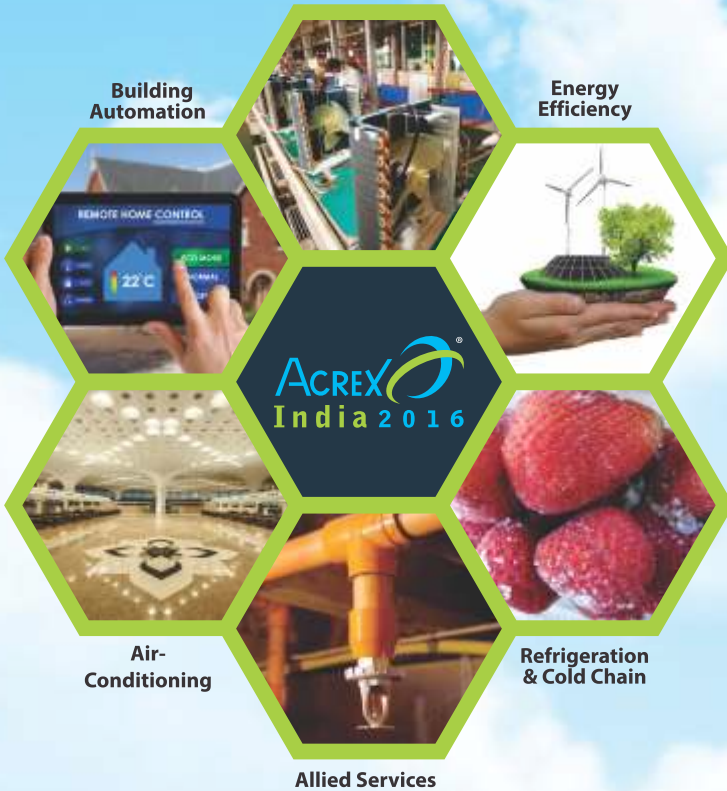
25-26-27 February, 2016 | BCEC, Mumbai, India

[www.acrex.in](http://www.acrex.in)



## Infinite Opportunities for HVAC & R

Make in India



**A TRAILBLAZING  
SUCCESS**  
POST SHOW REPORT

Organiser:



Event Producer:



Endorsed By:



## EXHIBITION SPACE

Gross: 30,000 sqm

Special area: 5,000 sqm

## EXHIBITOR STRUCTURE

	National	International	Total
Exhibitors	314	116	430
Exhibitors in %	73%	27%	100%

## PARTICIPATING COUNTRIES

21

## EXHIBITORS BY COUNTRIES

Belgium, Canada, China, Czech Republic, France, Germany, India, Italy, Japan, Korea, Malaysia, Singapore, Sweden, Switzerland, Taiwan, Thailand, The Netherlands, Turkey, UAE, United Kingdom, USA, Vietnam

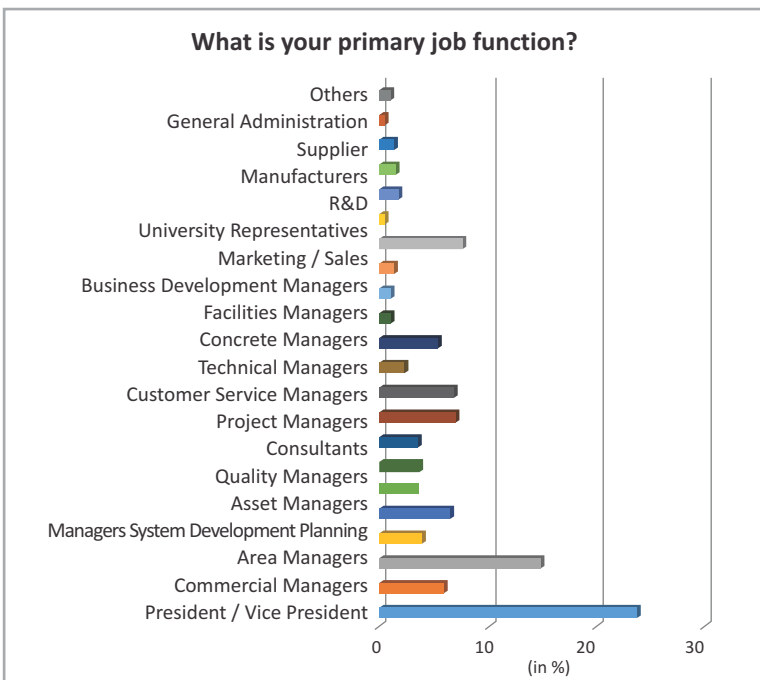
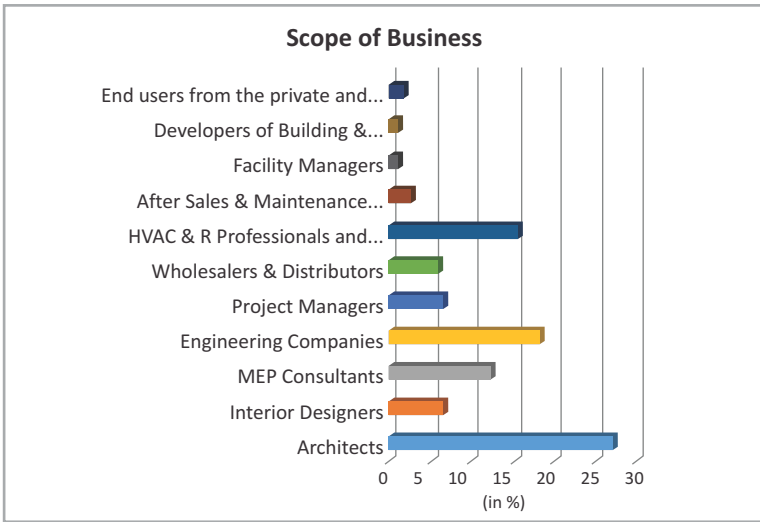
## VISITORS - 34,597

International Visitors from 42 different countries:

Australia, Austria, Bahrain, Bangladesh, Belgium, Botswana, Canada, China, Chile, Egypt, France, Germany, Hong Kong, Iraq, Ireland, Italy, Iran, Japan, Kenya, Korea, Kuwait, Lebanon, Malaysia, Nepal, Nigeria, Norway, Oman, Pakistan, Qatar, Singapore, South Africa, Spain, Sri Lanka, Sweden, Switzerland, Taiwan, Thailand, The Netherlands, Turkey, UAE, Uganda, United Kingdom, United States of America

# Statistics according to registration:

## Visitor Breakdown by...



# KNOWLEDGE ENHANCING WORKSHOPS A SNAPSHOT

## **AIR DISTRIBUTION & HEAT LOAD CONSIDERATIONS FOR DISPLACEMENT VENTILATION SYSTEMS, by Mr. Lennart Wass,** Product Area Director, Air Distribution and Fire Safety Products

- **Principles of Air Distribution to a room** - different ways of supplying air into a room.
- **Background / history of Displacement Ventilation** - where does it come from and who is using it the most.
- **Range-versions** - there can be many different versions and shapes to a Displacement Diffuser.
- **Design examples** - when you get the most out of a specific design.
- **Some applications** - typical installations in different environments.

## **SHORT COURSE ON TALL, SUPER TALL AND MEGA TALL BUILDING SYSTEMS DESIGN, by Mr. Peter Simmonds,** Ph.D., ASHRAE Fellow Managing Director / Principal Building and Systems Analytics LLC Marina del Rey, California and Hong Kong

This Session addressed the Design issues for Tall Buildings which are often designed for mixed use, consisting of low level retail, residential and office floors. This session was of special interest to Owners, Architects, HVAC, Structural, Mechanical, Electrical, and other Specialized Engineers and Consultants.

## **DESIGN OF COLD STORAGE AS A PART OF COLD CHAIN by Mr. Ramesh Parshuramparanjpey,** Fellow Life Member ASHRAE, Fellow Life Member, Institution of Engineers, India

**Member:** ASHRAE FUNDAMENTALS 2017 VOLUME COMMITTEE

With basics of cooling load calculations for positive as well as negative temperature cold storages without taking help of ready to use software. The load calculation basics also covered process load estimations for batch production products using plate/blast freezers, as well as continuous production methods such as IQF.

## **SAFE & SAVE AMMONIA REFRIGERATION SYSTEMS, by Dr. Apichit Lumlertpongpana, P.E.** Fellow ASHRAE, ASHRAE - D.L. Managing Director of I.T.C. (1993) Co. Ltd. Bangkok, Thailand

Operate your system with safety considerations according to ASHRAE Standard-15 and IIAR-2, and learn how to prevent liquid hammer, hot gas-propelled liquid, and trapped liquid expansion.





## INTERACTIVE PANEL DISCUSSIONS

Safety at the HVAC Workplace

Reducing Building Energy

Underfloor Air Distribution

All about Refrigerants

Fire & Safety inside Glass Facades

Building Performance Score

An Architect and Developer Interaction

## PANORAMIC HIGHLIGHTS

### CURTAIN RAISER

**Theme - SUSTAINABIZ: Sustainability makes business sense.**

As a precursor to ACREX India 2016, ISHRAE in association with Carrier & Toshiba Airconditioning organized the Curtain Raiser on 24<sup>th</sup> February 2016 with a panel discussion on SUSTAINABIZ: Sustainability makes business sense, moderated by Mr. Rahul Kadri, Principal, I.M.Kadri Architects. The panelists were Mr. T Underwood, President, ASHRAE, Mr. Pankaj Dharkar, National Chair, ACREX India 2016, MEP Consultant, Dharkar & Associates, Mr. Rajan Rawal, ED, Centre for Advanced Research in Building Science and Energy, CEPT University, Mr. Anuj Agarwal, Global Infrastructure and Administration Group, ICICI Limited, PRP Ramakrishnan, Area Director of Engineering - South Asia, Marriott International, Mr. Arun Bhatia, Managing Director, UTC Climate, Controls & Security, India

The panel discussion was attended by the who's who of the Indian Industry. It was an exclusive event for CEOs, Top Developers, Architects and Consultants. Top officials of International Associations like REHVA & EBTC France, ASHRAE USA, VDMA & IGCC Germany, CAR China, FTI Thailand, Turkish HVAC-R Exporters (İSİB) Turkey, also attend the curtain raiser for the first time to CONNECT, SHARE and CREATE KNOWLEDGE FORUMS.





# REWARDING EXCELLENCE AT ACREX

## ACREX AWARDS OF EXCELLENCE NIGHT

Energy Efficiency			Green Product	
	Company	Product	Company	Product
1st	Thermax Limited	High Efficiency Vapour Absorption chiller - heater	Bitzer India Pvt. Ltd.	BITZER CSVH Compact Screw Compressor
Runner up	Ziehl-Abegg SE	ZavBlue Bionic Centrifugal Impeller	Emerson Climate Technologies	Copeland Scroll R32 Vapour injection compressor

## IAQ PRODUCT INNOVATION

IAQ Product			Innovation	
	Company	Product	Company	Product
1st	Alfaa UV	Ultraduct	Prihoda s.r.o	SquAire TexFabric Diffuser Tiles
Runner up	Aeropure Ultra Violet System Pvt. Ltd.	Watmiser UV Germicidal Irradiation	Danfoss Industries Pvt. Ltd.	Turbocor VTT Centrifugal Compressor

## SPECIAL JURY AWARD

Company	Product
Azbil India Pvt. Ltd.	New VAV Box

## aQuest - A Student Quiz Competition

Among the most exciting elements of ACREX India Show, ISHRAE also organized aQuest - A Student Quiz Competition for the second year in a row sponsored by Hitachi. The quiz is primarily designed to introduce engineering students to the HVAC&R industry. ISHRAE promotes innovation, guidelines for indoor air quality & energy efficiency amongst other initiatives.





## ACREX HALL OF FAME

The 1<sup>st</sup> ACREX Hall of Fame - an initiative from ISHRAE and ACREX powered by Danfoss. The Hall of Fame was conceived by ACREX and Danfoss to recognize ICONIC COMMERCIAL BUILDINGS in the air-conditioning and refrigeration space. Mumbai International Airport, was inducted and Mr. Karthee Gajendran / Mr. Anil Raja from GVK, who planned and conceived the Mumbai International Airport, Mr. CION, Senior Vice President from L&T who were the project contractors, Mr. Vir Advani from Blue Star, who were the HVAC contractor and SOM, the consultants for this project were appreciated for delivering the Iconic Building.

## IMPRESSIONS: ACREX INDIA 2016



# MEDIA COVERAGE



## OUR PARTNERS

Curtain Raiser Partner



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Leading Innovation >>>

Platinum & aQuest Partner



**HITACHI**  
Air conditioning solutions

Titanium Partner



NOBODY COOLS BETTER™

Partner in Excellence



ACREX Hall of Fame Night Partner



ENGINEERING TOMORROW

Knowledge Partner



Green & Sustainability Partner



VIP Hospitality Partner



Gold Partners



Silver Partners



Bronze Partners



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