

ISHRAE Honours & Awards

As a society of volunteers, ISHRAE owes its strength to the dedication and commitment of its members who work tirelessly to take it to greater heights and bring it glory year after year. ACREX is the ideal platform for recognising their contribution. We bring you the winners of this year's honours and awards.

The Hall of Fame award is presented posthumously to members who made milestone contributions to the growth of ISHRAE-related technology and/or to the development of ISHRAE as a Society. There were three recipients of Hall of Fame for 2018-19, all legendary stalwarts who passed away during the year: late Dr. Prem C. Jain, late Anil Maheshwari and late Prof. P. L. Ballaney. Awards were presented to them during ISHRAE Awards of Excellence Night on February 28.



Subir Das accepts the award on behalf of late Dr. Prem C. Jain



Sachin Maheshwari accepts the award on behalf of late Anil Maheshwari



Anoop Ballaney accepts the award on behalf of late Prof. P. L. Ballaney

The Lifetime Service Award this year was presented to Satish Iyengar.



Satish Iyengar receives Lifetime Service Award

H. M. Jhangiani Journal Paper Awards were presented for the two best articles published in the *Journal* and its *Cold Chain* supplement during 2017. These awards, presented during the ACREX Curtain Raiser on February 27, were bagged by Shankar Chatterjee for his article on *Executing a District Cooling Project* in the December 2017 issue of the *Journal*, and V. B. Maniam for his article on *CO₂ in Subcritical Refrigeration Applications* in the September 2017 issue of *Cold Chain*.



Shankar Chatterjee receives the Journal Paper Award



V. B. Maniam receives the Journal Paper Award

The Student Activities award was conferred upon Hardik Shukla.



Hardik Shukla bags the Student Activities award

Distinguished Service Awards (DSA) were given to the following:

- G. Ramesh Kumar
- B. Gautham Baliga
- Vishal Kapur
- Vinod K. Seth
- Vikram Murthy
- G. Anand Kumar



G. Ramesh Kumar accepts DSA



Gautham Baliga poses with DSA



Vishal Kapur is conferred DSA



Vinod K. Seth is presented DSA



G. Anand Kumar receives DSA

The awardees of Regional Service Award (RSA) were:

- A. Pandi Murali
- Prateek Dutta Roy
- Dr. Roshini Easow
- Ashok P. Patel

The recipients of Chapter Service Awards (CSA) were:

- Dilip Datey
- E. Mohanraj
- Utpal Biswas
- Ashish D. Shah
- Chetan Shah
- Surendra Shah
- Bharat Jare
- Jenson Sebastian
- D. N. Shukla
- N. S. Chandrasekhar
- Milind V. Rane
- Jayanta Kumar Das
- Abid Hussian
- B. Sankaranarayanan
- Richie Mittal
- Nivedita Jadhav
- S. Elangovan
- Kamalesh Mehta
- Yogesh Thakkar
- Sreekanth Piplani

The Jury for the awards consisted of eminent members of ISHRAE: Dipak Barma – Chair, G. C. Modgil – Vice-chair, Akbar Bharmal, V. Krishnan, Sushil K. Choudhury, S. Sankaran, Pankaj Shah and Amitabha Sur.

Chapter Awards for Excellence

The entire ISHRAE world eagerly awaits the announcement of Chapter Awards for Excellence (CAFÉ), which recognise the efforts made by Chapters and Sub-chapters throughout the year to soar to new heights in different aspects of their functioning. CAFÉ Awards for 2018-19 were presented during the National Board of Governors meeting at Sahara Star, Mumbai on February 27.



The jubilant Mumbai Chapter team receives the Best Chapter trophy in Category 1; Bangalore shared the honours with Mumbai



Thane wins the Best Chapter trophy in Category 2

Mumbai and Bangalore Chapters shared the overall Best Chapter Award for Category 1 (over

750 members). Thane bagged the Best Chapter Award for Category 2 (250 to 750 members), while Coimbatore was the winner in Category 3 (less than 250 members).

Kalapakkam was the best Sub-chapter, and Agra Sub-chapter was declared the runner up.

A special award was given to Deccan Chapter as the 'Rising Star'. Pune was honoured as the Most Promising Chapter. The award for Finance went to Kolkata Chapter. Delhi and Bangalore shared the award for Best Education – IIE. Ahmedabad was recognised for its New Initiative of organising the first REFCOLD.



Pune gets special mention as the Most Promising Chapter

The winners in various categories were:

Membership Promotion	
Best Chapter – Category 1	Bangalore
Best Chapter – Category 2	Thane
Best Chapter – Category 3	Trivandrum
Best Sub-chapter	Kalapakkam and Aurangabad
Runner-up Sub-chapter	Lucknow

Programs	
Best Chapter – Category 1	Chennai
Best Chapter – Category 2	Thane and Indore
Best Chapter – Category 3	Vadodara and Coimbatore
Best Sub-chapter	Kalapakkam
Runner-up Sub-chapter	Meerut
Students Activities	
Best Chapter – Category 1	Ahmedabad and Mumbai
Best Chapter – Category 2	Madurai
Best Chapter – Category 3	Nashik and Chandigarh
Best Sub-chapter	Kalapakkam
Runner-up Sub-chapter	Bhubaneswar
K12 Activities	
Best Chapter – Category 1	Delhi
Best Chapter – Category 2	Thane
Best Chapter – Category 3	Mysore
Best Sub-chapter	Raipur
Advocacy	
Best Chapter – Category 1	Mumbai
Best Chapter – Category 2	Indore
Best Chapter – Category 3	Mysore and Coimbatore
Best Sub-chapter	Agra
Rising Star	Deccan
Most Promising Chapter	Pune
New Initiative	Ahmedabad for organising first REFCOLD

HQ Activities

Asian Conference on Indoor Environmental Quality

ISHRAE, in collaboration with Society for Indoor Environment (SIE), Indoor Air Quality Association – India Chapter (IAQA) and IIT Delhi, organized the Asian Conference for Indoor Environmental Quality (ACIEQ) on February 1 and 2. The venue was Indian Aviation Academy in New Delhi. It was the first time in India that an international conference on IEQ was organized.

The conference theme was 'Habitable Built Environment – Experience the Unseen'. It brought together experts from all over the world with sessions covering the holistic aspects of IAQ, thermal comfort, lighting and acoustics impacting the indoor environments.

The event was attended by a diverse audience of IEQ experts, researchers, academicians and industry professionals from across India and abroad. The conference included a range of keynote speakers from Cornell University (USA), University of Milan (Italy) and University of Sydney (Australia), amongst others. The sub themes for the conference revolved around indoor air quality in urban settings, adaptive thermal comfort and occupants' performance and behavior studies.

The Chief Guest for the conference was Dr. Shruti Rai Bharadwaj, Additional Director, Ministry of Environment, Forest and Climate Change (MoEFCC). Dr. Rakesh Kumar, Director, National Environment and Engineering Research Institute (Nagpur), Dr. Prashant Gargava, Member Secretary, Central Pollution Control Board (Delhi), Prof. Prasad Modak, President (SIE) and Founder Director, Environmental Management Centre (Mumbai), Dr. K. S. Baghotia, Additional Director (DGHS), Government of NCT of Delhi, C. Subramaniam, National President, ISHRAE and



Richie Mittal addresses the Conference

Richie Mittal, Director (IAQA) were present at the inaugural session.



IHE students stage a street play



Richie Mittal, C. Subramaniam and Vikram Murthy at the Conference venue

More than 60 technical research papers were presented in the two day conference, with attendees from various parts of the globe. A dynamic group of students from Institute of Home Economics (IHE), Delhi University enthralled the audience with their street play reflecting the relevance of indoor environment in India.

The program began on Day 1 with a keynote address by Prof. Paolo Carrer from Luigi Sacco Hospital of Milan, University of Milan, Italy on Indoor Air Quality and Health. There were six parallel sessions during the day. The last session of the day was a keynote address by Dr. Richard de Dear from University of Sydney, Australia.

On Day 2, Prof. Alan Hedge from Cornell University, USA delivered a keynote address on Indoor Air Quality and Design. It was followed by six parallel sessions. The last session of the day was a panel discussion on Road Map for IEQ in India, followed by an award ceremony.

The next edition of ACIEQ will be held on February 5 and 6, 2021.

HQ Activities contd...

Urjavarán at Kathmandu

ISHRAE held Urjavarán 2018-19 at Hotel Soaltee Crowne Plaza, Kathmandu, Nepal on January 10-11. It was a conference on the theme of energy efficiency, organized with the support of Institute Of Engineering, Kathmandu. The Convener was Rabintra Bhattarai, with able support from Sangeeta Singh.

Nepal's Physical Infrastructure and Transport Minister, Raghubir Mahaseth, was the Chief Guest at the Curtain Raiser. The highlight of the evening was a panel discussion on 'Climate Action Development, Challenges to Co-exist', moderated

by Vishal Kapur. The panel had some eminent architects and consultants, apart from a past Environment Minister of Nepal. There were partner presentations, too.

The Chief Guest for the next day was K. P. Oli, Member, Nepal Planning Commission. Prominent speakers like Ar. Sangeet Sharma, Sunil Kher, Rabintra Bhattarai and Sushil Choudhary shared their views and solutions. Bishwo Pudasini from UNEP also spoke about Montreal Protocol and Kigali Agreement with respect to Nepal.

A major outcome of the conference was that 43 new members enrolled for ISHRAE.



Raghubir Mahaseth speaks during the Curtain Raiser



Lighting the lamp of knowledge



Panel discussion in progress



The distinguished audience enjoys a lecture



Some new members pose with the ISHRAE team

Associate Societies

RATA Celebrates 70th Anniversary

Refrigeration and Air Conditioning Trades Association (RATA) celebrated the 70th RATA Day on February 2 at MIG Cricket Club, Mumbai. About 180 members attended the event.

During its long history, RATA can boast of being steered by illustrious presidents such as Henning Holck-Larsen – co-founder of Larsen & Toubro. RATA has been working closely with ISHRAE towards common objectives, and the two have been supporting each other's programs.

President Ajit Panicker, in his address, spoke about India Cooling Action plan (ICAP) of the Central Government, which visualises an eight-fold growth



Ajit Panicker addresses the gathering



Skit by GenNext members

in the HVAC&R industry over a period of 10 years. The highest growth is taking place in the VRF and refrigeration segments. He stressed the need for the trade to collaborate, not to compete. There are very few industries other than HVAC&R that can create jobs. The need of the hour is growth with quality.

The president spoke about the formation of a GenNext committee of youngsters to engage them with the industry. He mentioned that a number of VRF Melas have been conducted to help dealers diversify into this field and grow their businesses. This initiative has been very successful, and regional committees have been formed in several cities.

He also spoke about other initiatives such as RATA Newsletter, digitisation, trade portal where members

can create micro-sites, Cold Chain Vyapaar, MoUs with various international associations, and RATA delegations to several expos.

Representatives were present from RATA committees at Hyderabad, Ahmedabad, Chennai, Indore, Vadodara, Pune, Surat and Bangalore. Excellence Awards were presented to committees for various activities. Event partners were felicitated. Service Excellence Awards were conferred upon industry icons J. C. Varma, A. J. Valles, Anand Gosavi, R. T. Gurnaney, Kirit Shah and Hulaschand Choraria.

GenNext presented a skit that depicted problem-solving in RATA. Some GenNext members made brief speeches.

The program ended with Manoj Khati making a presentation on REFCOLD India 2019.

ISHRAE Certification Program

Mumbai Chapter conducted an ISHRAE Certification Program (ICP) on Cleanroom Design, Level 1 from February 13 to 16 at the chapter office. There were 11 participants. The faculty comprised highly experienced trainers: V. Krishnan, Shankar Rajasekharan, Prashant Desai and Sasidharan Menon. The course included a hands-on session, and culminated with an examination.



Sasidharan Menon delivers a lecture



Prashant Desai conducts hands-on training

News in Brief

ISHRAE HQ conducted Harit-Prem Bharat Mahotsav between January 23 and 29 at India Habitat Centre, New Delhi in memory of Dr. Prem C. Jain. The Chief Guest was Padma Bhushan Dr. Vijay Kumar Saraswat (Director General – Defence Research & Development Organisation), and the keynote address was delivered by Padma Shri G. Shankar (Founder & Chief Architect, Habitat Technology Group, Thiruvananthapuram).

ISHRAE HQ organised a Webinar on 'Overview of HVAC Systems' by Sandeep Dahiya on January 25.

ISHRAE HQ organised another webinar on 'Understanding Thermal Design and Analysis of Counter flow Cooling Towers' by Subir Das on February 8.

Guidelines for Reports in eNews

- The deadline for receiving reports is the last day of the relevant period. For example, for publication in the March-April issue, the deadline is April 30.
- Please send or copy reports of events to news@ishraehq.in
- Please send a Word file containing a brief report of the event: **what, when, where, who** and any other relevant information. **Pdf and ppt files must be avoided.**
- Relevant photos in jpg format should accompany the report. Each photo should have a **caption describing the occasion and giving the full names of persons** in the photo from left to right. Only first names or only last names are not enough. (In case of large group photos, e.g. a batch of 20 participants in a training program, all names are neither feasible nor necessary. Key names would suffice in such cases.)
- In addition to the jpg files, photos may also be copy-pasted on the Word file at relevant places, with captions below each photo.
- News related to student and K12 activities may be sent to youth@ishraehq.in and v.thakur@ishraehq.in respectively, for publication in Student Connect and K12 Activity Newsletter.**

ISHRAE Reaches Out to Students and Children

So as to take ISHRAE's engagement with students and children to the next level, HQ has started newsletters devoted exclusively to activities related to these target groups. Student Connect is a newsletter meant for members of Student Chapters, and K12 Activity Newsletter is targeted at children from Kindergarten to Std. 12.

eNews wishes both the publications a huge success in their endeavors.

Chapters and Sub-chapters may, in future, send news related to student and K12 activities to the following email addresses:

Student activities: youth@ishraehq.in

K12 activities: v.thakur@ishraehq.in

