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ISHRAE Honours & Awards

ISHRAE derives its strength from the dedication and commitment of its members who work tirelessly on a voluntary basis to take it to greater heights and bring it glory. ACREX is the perfect backdrop for recognising such members. We bring you the winners of this year's honours and awards.

The Lifetime Service Awards this year were presented to Past National Presidents V. Krishnan and Pankaj Dharkar



V. Krishnan



Pankaj Dharkar

Sachin Maheshwari was the recipient of International Service Award



Sachin Maheshwari

Dr. S Srinivasamurthy and D. Nirmal Ram were conferred ISHRAE Fellowships



Dr. S Srinivasamurthy



D. Nirmal Ram

H. M. Jhangiani Journal Paper Awards were conferred upon Rajat Gupta and Raji Panicker



Raji Panicker

Exceptional Service Awards (ESA) were conferred upon Sushil K. Choudhury and Satish Iyengar



Sushil K. Choudhury



Satish Iyengar

Distinguished Service Awards (DSA) were presented to T. Hari Rao, Nishant Gupta, Sunil Kher, Harshal Surange, V. Sridhar and Ashish Rakheja



Harshal Surange

Awards for Student Activities were bagged by Sandeep Shinde and Sanjay Varma



Sandeep Shinde



Sanjay Varma



V. Sridhar

Employer Recognition Awards were presented to ABS Aircon, Bangalore and Blue Star, Bangalore



ABS Aircon, Bangalore



Blue Star, Bangalore



Ashish Rakheja

Chapter Awards for Excellence

The eagerly awaited Chapter Awards for Excellence (CAFÉ) were presented during the National Board of Governors meeting at Hotel Taj Airport, Bengaluru on February 21.

Chennai and Ahmedabad Chapters won the Best Chapter Award for Category 1 (over 750 members) and 2 (250 to 750 members) respectively, while Indore and Vadodara shared the honours for Category 3 (less than 250 members). Nashik was declared the Best Sub-chapter, while Vijaywada and Raipur Sub-chapters shared the runners-up award.

The winners in various categories were:

Membership Promotion

Best Chapter – Category 1 : Chennai
 Best Chapter – Category 2 : Ahmedabad
 Best Chapter – Category 3 : Vadodara
 Best Sub-chapter : Vijaywada
 Runner-up Sub-chapter : Trivandrum

Programs

Best Chapter – Category 1 : Chennai
 Best Chapter – Category 2 : Ahmedabad and Deccan
 Best Chapter – Category 3 : Indore
 Best Sub-chapter : Nashik
 Runner-up Sub-chapter : Coimbatore

Students Activities

Best Chapter – Category 1 : Mumbai
 Best Chapter – Category 2 : Thane and Kolkata

Best Chapter – Category 3 : Vadodara
 Best Sub-chapter : Nashik
 Runner-up Sub-chapter : Kalpakkam and Kolhapur-Sangli

K12 Activities

Best Chapter – Category 1 : Bangalore
 Best Chapter – Category 2 : Kolkata
 Best Chapter – Category 3 : Mysore
 Best Sub-chapter : Raipur

Advocacy

Best Chapter – Category 1 : Mumbai
 Best Chapter – Category 2 : Ahmedabad
 Best Chapter – Category 3 : Indore
 Best Sub-chapter : Raipur
 Runner-up Sub-chapter : Kolhapur-Sangli

Rising Star

: Pune

Outstanding Contribution

: Delhi



The jubilant Chennai Chapter team receives the Best Chapter trophy (Category 1)



Ahmedabad Chapter receives its Best Chapter trophy (Category 2)



Indore (left) and Vadodara (right) share the honours for the Best Chapter (Category 3)

Dr. Ajay Mathur Inducted as Honorary ISHRAE Member

Dr. Ajay Mathur, Director-General – TERI, was conferred an Honorary Membership of ISHRAE during ACREX 2018. He is the fourth eminent personality to be honoured thus. This honour was bestowed upon Pawanexh Kohli in 2016, and Padmashree C. N. Raghavendran and Manohar Parrikar in 2017.



Dr. Ajay Mathur accepts Honorary Membership of ISHRAE

ISHRAE and AIRAH Sign MoU

In a move that will significantly strengthen ties between Australia and India in the HVAC&R space, the Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE) and the Australian Institute of Refrigeration, Air Conditioning and Heating (AIRAH) have signed a Memorandum of Understanding (MoU).



Vishal Kapur and Ian Harwood sign the MoU

On Monday, January 22 at Chicago's Palmer House Hilton, the two organisations formally agreed to work together. As part of the MoU, ISHRAE and AIRAH pledged to support the advancement and promotion of mutual interests of educational, technical, engineering and built environment professionals in the HVAC&R and building services industry. ISHRAE President Vishal Kapur and AIRAH President Ian Harwood, F. AIRAH signed the pact.

Kapur said the MoU is a win-win for ISHRAE and AIRAH. "This is a fantastic opportunity for both our organisations to share valuable knowledge and work closely," he said. "Together we can promote the development of standards in our industry at a critical point in time."

"This MoU is vital for the Asian region, with Australia and India now cooperating to leverage the great work and experience of all our members," said Harwood.

Both presidents thanked ISHRAE Executive Secretary Ashwini Mehra and AIRAH CEO Tony Gleeson, M. AIRAH, for initiating and progressing the MoU's development.

The key areas of the agreement include:

Membership and Networking

- Members of one society will be able to attend conferences and events of the other on the same terms as applicable to the members of the host society. This will extend to education programs, including eLearning and webinars.

Development of Standards

- Both organisations will promote standard development activities in Australia and India, and will share available knowledge on the subject, including possible advocacy positions and themes.

Publications

- ISHRAE and AIRAH will make their publications available to members of the partner organisation at concessional prices.
- The two organisations will support the development of joint articles on the issues and similarities of the Australian and Indian HVAC&R industries. This will take place annually, and be printed in the organisations' publications.

Policy Statements and Position Statements

- Each organisation may be given opportunities by the other to comment on proposed policy and position statements developed on technical subjects. If further collaboration is mutually beneficial, these opportunities will be explored.

Cooperation on Exhibitions and Conferences

- ISHRAE and AIRAH will help disseminate information and promote each other's major events.

ISHRAE Signs MoU with ASSOCHAM

ISHRAE signed an MoU with The Associated Chambers of Commerce of India (ASSOCHAM), the oldest and largest apex chamber of commerce and industry in India, on January 7. ISHRAE will be the Knowledge Advisor for ASSOCHAM's building rating system GEM. ASSOCHAM will promote ACREX among its more than 5,000 corporate members. The two organisations will work together for local programs.

EGM Approves Changes in Organisation Structure

An Extraordinary General Meeting of ISHRAE held on February 22 in Bengaluru on the sidelines of ACREX approved a proposal to change the organisation structure of ISHRAE to introduce the Office of Vice-Presidents at a level between the RDs and the National Officers (President, President-elect, Secretary and Treasurer). This will meet the need for more Officers to direct the affairs of the Society in view of the tremendous growth in ISHRAE activities. The change will be effective from Society Year 2019-20.

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.

DCI Organises VENTCONF

The 7th edition of Ventconf, Delhi Chapter's annual conference on Ventilation and allied topics, was held on January 5 at India Habitat Centre.

The Conference topics included Pollution Mitigation, Emergency Smoke Evacuation in Hospitals, Energy Efficient Basement Ventilation, and Creating Comfort through Natural Ventilation. In addition, there were panel discussions on 'Deteriorating Ambient Air Quality & its Impact on Indoors', and 'Fire & Life Safety in Hospitals'.

Eminent speakers who participated in the Conference included Ar. Sanjay Prakash, James Baker (Greenheck), C. S. Mittal (CPWD) and G. C. Modgil (Sterling India).

Urjavarán 2018

Raipur Sub-chapter held its flagship event Urjavarán in Raipur on February 10 at Hotel Sayaji. President Pratik Khandelwal, President-elect Chunendra Khangar, Secretary Rajesh Sahu, Immediate Past President and Advocacy Chair Nishesh Khare, Refrigeration Chair Anil Shukla, Dr. Meenakshi Rathore, Dr. Goverdhan Bhatt, Shailendra Singh Tomar, Brajesh Sanodiya and Ar. Debashish Sanyal along with 120 delegates attended the program. Emerson, Siemens and Johnson Controls were the Gold Partners; Lubi Pumps, ABS Air Tech and K-flex were the Silver Partners; CREDA, RDA and NRDA were the Knowledge Partners; and CGK Engineers, Saket Engineers, Swirl Air, Lloyd Insulation and Polybond Insulation were the Table Partners.

The speakers at Urjavarán were Ashish Rakheja (Partner, AEON Consultants) who spoke on 'High Performance Building Solutions For Smart Cities', R S Kulkarni (HVAC&R Consultant) who spoke on VRF Systems, Salil Shrivastava (Engineer-in-Chief) who spoke on 'New Raipur – a Smart City' and Dr. Sanjeev Prashar (Professor & Head of Marketing), who gave a motivational talk.

The Chief Guests were Sanjay Shrivastava from RDA and Purandar Mishra from CREDA. The Guest of Honour was Dr. Bharat Bhaskar, Director, IIM Raipur.

ISHRAE, along with Tribhuvan University Institute of Engineering, organised Urjavarán Nepal in Kathmandu on February 2.



Lighting the lamp at Urjavarán



Ashish Rakheja addresses Urjavarán



R. S. Kulkarni talks about VRF systems

News in Brief

Raipur Sub-chapter organised a product presentation and technical talk by Godrej on February 11 at Hotel Golden Oak. Past President Nishesh Khare, President-elect Chunendra Khangar and Sadashiv Chowhan were present. The presentation was made by Subodh Jain of Godrej, an ISHRAE Member.

Raipur Sub-chapter conducted an Advocacy program along with the Lions Club – a health check-up camp for children – on February 12 at Krishna Public School. Youth Chair Brajesh Sanodiya, Vidit Sahu from the Secretariat and Tikam Singh Thakur were present from ISHRAE. J. S. Thakur represented the Lions Club. Dr. Sunil Golhani carried out the check up.

Raipur Sub-chapter conducted an Advocacy program during the installation ceremony of Fire and Security Association of India (FSAI), Raipur Chapter on February 17 at Hotel Hyatt. Sub-chapter President Pratik Khandelwal, President-elect Chunendra Khangar, Secretary Rajesh Sahu, IPP Nishesh Khare, Program Chair Ar. Debashish Sanyal, Youth Chair Brajesh Sanodiya, K12 Chair Dr. Meenakshi Rathore, Dilip Kumar Mahobe, Raj Kumar Patel, K. K. Verma and Aditi Patel were present. Pankaj Dharkar, National President – FSAI and Pankaj Tiwari from FSAI Indore began by welcoming the guests and lighting the lamp, followed by presentations on FSAI and ACREX. Pratik Khandelwal introduced ISHRAE.



Pankaj Dharkar on the dais along with FSAI and ISHRAE members from Raipur

Vadodara Chapter conducted an industrial visit for students of Maharaja Sayajirao University, Baroda to the Voltas plant at Dadra on January 6. Eighteen students participated.

William Jacob – CWC Member accompanied the students.

The students studied the manufacturing process of air cooled and water cooled chillers and packaged air conditioners.

Vadodara Chapter conducted an industrial visit for students of Shri S'ad Vidya Mandal Institute of Technology to the Voltas plant at Dadra on January 6. Eleven students participated. William Jacob – CWC Member accompanied the students. The students studied the manufacturing process of air cooled and water cooled chillers and packaged air conditioners.

Vadodara Chapter organised an industrial visit for students of Architecture Department, Parul University to Neptune Trinity, Vadodara on January 25. Fourteen students participated. Nilesh Patel – Past President, Jigar Bhalavat – President and Manish Dandekar – Secretary accompanied the students. The students were shown the installation of a VRF air conditioning system, and were taught the importance of proper installation and maintenance from the architectural point of view.

Vadodara Chapter conducted a Technical Talk on 'Basics of Central Air Conditioning' by R. V. Sahastrabudhe for the students of Dharamsinh Desai Universtiy, Nadiad on February 10. There were 40 participants.

Vadodara Chapter conducted a K-12 Activity with STEM theme at Prathamik Shala at Unera on January 11. Eighty children participated. Jigar Bhalavat – President, Hemant Bedekar – K-12 Chair and C. K. Rami – CWC Member were present.



Children participate in essay competition

The activity was in the form of essay competitions. Students of 7th Standard wrote on the theme 'Benefits of Science and Miracles of Science', and students of 8th Standard wrote on 'Importance of Science in Today's World'.



A drawing on the topic 'Global Warming'

For younger students, drawing competitions were held. For 5th Standard students the topic was 'Pollution', and for 6th Standard students the topic was 'Global Warming'. Eighty students took part in the drawing competition.

Vadodara Chapter organised a talk on 'Basic Components of Ammonia Refrigeration Systems' by V. Laxmi Narayan on February 16 at Regenta Central, Bharuch. It was attended by 45 delegates.

Vadodara Chapter conducted a technical seminar by Raju Jagtap on 'Basics of VRF Systems and their Trends' at Royal Orchid Central, Akota on February 17. There were 47 participants.

Vadodara Chapter held a product presentation by Danfoss Industries (Cooling Division) at Regenta Central, Bharuch on February 16. The speaker was Mahesh More. There were 51 participants.

Vadodara Chapter conducted a technical seminar by ISHRAE Distinguished Lecturer Abhay Date on February 17 at Royal Orchid Central, Akota. The topic was 'VRF Systems and its Applications'. There were 47 participants.

Vadodara Chapter organised a product presentation by Abad Insulation, Ahmedabad at Royal Orchid Central, Akota on February 17. There were 47 participants. Victaulic mechanical couplings were also covered in the presentation.

ISHRAE Deccan Chapter, in association with ASHRAE Deccan Chapter, conducted a two-day program - 'Safe and Green Conclave on Health Care Facilities' - on February 2 and 3 at Hotel Novotel, Hyderabad. A large number of delegates including hospital owners, doctors, MEP consultants, hospital architects and hospital facility managers attended. Participation certificates were given to the delegates.

Ranchi Chapter, along with Satpur Swami Vivekananda Rural Welfare Society (SSVRWS), organised a K-12 Program for rural students of various schools at SSVRWS Project Site, Satpur to mark the 155th birth anniversary of Swami Vivekananda and the 7th annual day of SSVRWS.

Nikhil Ray, Past President, Ranchi Chapter set the ball rolling by introducing ISHRAE and its activities. He spoke on 'Our Earth and its Preservation' and 'Relevance of STEM in Education'. Around 300 students were present. Ray urged the students to open their minds and ask questions related to reasons behind regular happenings. He talked about the growing requirement of qualified professionals in the fields of Science, Technology, Engineering and Mathematics (STEM), which is being promoted by ISHRAE in India. He explained the importance of HVAC in day-to-day life by citing examples of shopping malls and passenger aircrafts.

Speaking about Swami Vivekananda, Ray said he is regarded as a patriotic saint and his birthday is celebrated as National Youth Day. He explained the teachings and philosophy of Swami Vivekananda and asked the students to follow the path shown by him. He congratulated SSVRWS on its annual day and wished the students a very bright future.

Ranchi Chapter arranged an annual picnic for its members and their families on January 28 at Rose Garden. It was attended by most of the Chapter members along with their families.



Children enjoying games

Mumbai Chapter arranged a technical and product presentation by Victaulic on Mechanical Pipe Joining Solutions in association with Victaulic's channel partner Inner Engineering on February 9 at Hotel Sahara Star.



Presentation on Victaulic mechanical pipe joining solutions

Mumbai Chapter supported 69th RATA Day celebration and 'E-Way Bill' presentation on February 3 at Hotel Atithi. A special E-Way Bill team from GST Department made the presentation in the presence of Commissioner of GST (Maharashtra).



Presentation on E-Way Bill

Mumbai Chapter conducted an ISHRAE Certification Program (ICP) on Drafting Level 1 - Module 2 on Chilled Water Systems from February 16 to 18 - a first of its kind program. It was targeted at CAD operators in the field of HVAC. The course contents included understanding manufacturers' GA drawings and O&M manuals, plant room layout, AHU room layout, piping network design development, and drawing preparation for large projects.

Mumbai Chapter arranged a product presentation on Solidworks Simulation for HVAC Industry by Addonix Technologies Pvt. Limited on January 31 in its office. The speaker was Michael Johnson (B.E. Aeronautical Engineering) from Addonix Technologies

ISHRAE Mumbai Chapter, ASHRAE Mumbai Chapter and RATA organised a Tech Talk on 'Does Inverter Refrigeration Exist?' on January 30. The speaker was Parth Vinod Thakkar, who specialises in manufacturing of customised refrigeration solutions for cold storages, refrigeration units, refrigerators and freezers for labs and kitchens, blast freezers and process chillers.

ISHRAE Mumbai Chapter and RATA arranged a presentation by Honeywell on 'Business Opportunities in Air Purifiers and LPG Gas Leaks' on January 24 at RATA office in Prabhadevi.

ISHRAE Mumbai Chapter, ASHRAE Mumbai Chapter and RATA organised a Tech Talk on 'Pump Head Calculation for Open and Closed Systems' on January 23. Atul C. Kochrekar, Design Manager, Voltas Limited was the speaker.

ISHRAE Mumbai Chapter, ASHRAE Mumbai Chapter and RATA organised a Tech Talk on Plumbing on February 3 under the aegis of Women in ISHRAE. The speaker was Priyanka Gaud, Deputy Manager (R&D), Tata Housing Development Company.

Mumbai Chapter conducted a Tech Talk on 'Cold Store Basics - Overview of the Science, Process, Equipment, Infrastructure and Operation of a Cold Storage' by National President-elect Vikram Murthy.

ISHRAE Mumbai and Thane Chapters along with ASHRAE Mumbai Chapter arranged a Tech Talk on Indirect Evaporative Cooling on January 18. The speaker was Tiger Aster from Toro Watt.

ISHRAE Mumbai Chapter, ASHRAE Mumbai Chapter and RATA conducted a half day workshop on Project Management on February 3 at Mumbai Chapter office. Ajaj Kazi, PMP - President, Mumbai Chapter was the speaker.

ISHRAE Mumbai Chapter, ASHRAE Mumbai Chapter and RATA arranged a motivational talk on January 11 on 'How To be a Winner' by Mayur Nandu. The speaker is an engineer and a Neuro-Linguistic Programming (NLP) trainer. He is the Executive Director of World Human Development Center, and a Lead Faculty of Business Vidyapeeth.

ISHRAE Mumbai Chapter, ASHRAE Mumbai Chapter and RATA conducted an ASHRAE Distinguished Lecturer program on 'Towards an Energy Efficient Room Air Distribution' on January 13 by V. Krishnan, Past National President - ISHRAE and Member, ASHRAE TC 5.03.

ISHRAE Mumbai Chapter, ASHRAE Mumbai Chapter and RATA conducted a Tech Talk on 'Life Safety Dampers - from Application to Installation' by Pallab Kar, National Sales Manager, Greenheck India on January 19 at ISHRAE Mumbai Chapter office.

ISHRAE Mumbai Chapter, in association with Fire And Security Association of India (FSAI) Mumbai Chapter, has planned a 5-Module training course on 'Building Automation System' to be conducted across the year by experienced trainers from MEP industry. Module 1 was completed earlier on May 5, 2017. Module 2 was conducted on January 13 at Hotel Satkar Grande, Thane. The remaining three modules will be conducted in due course.

The course content is as follows:

- Module 1 : Introduction to BMS, DDC controllers and IO summary.
- Module 2 : Functions of different HVAC equipment and their integration with BMS.
- Module 3 : Functions of different electrical equipment and their integration with BMS.
- Module 4 : Introduction to software integration protocols and graphics software.
- Module 5 : Future trends in BMS (data analytics, energy modelling).

Every module will end with a written test, and successful participants will receive certification from FSAI.

ISHRAE Mumbai Chapter, ASHRAE Mumbai Chapter and RATA arranged a Tech Talk on 'ESP Calculation for HVAC System as per ASHRAE Fundamentals' on January 5 at ISHRAE Mumbai Chapter office. The speaker was Atul C. Kochrekar, Design Manager, Voltas Limited. The program included a brief presentation on usage of ASHRAE - Fundamentals for calculation of external static pressure of various fittings in duct systems.