

Compiled and edited by Rakesh Kumar, Managing Editor, Air Conditioning and Refrigeration Journal

Message from National Secretary



Dear Fellow Members,
Greetings from ISHRAE and welcome to the second half of the Society Year 2020-21.

Unlock 5.0 has set in motion by the Government of India. We hope that the industry will bounce back to normalcy gradually in partially understanding the pandemic and taking all precautions. We are now getting accustomed to the new normal and accept and adopt has become our mantra.

Numerous activities at the Headquarters, Chapter and Sub-chapter levels were conducted and you will get to see them in this edition through our regional directors and national chairs and as National Secretary of ISHRAE, I take pleasure to present you this edition of ISHRAE eNews in the next few pages.

Chapters, with support from zonal and national chairs and their teams, have made this term so vibrant by responding to their members and every Chapter and Sub-chapter has seamlessly adopted the virtual mode and connected with each and every one of their members in one way or the other. This shows that ISHRAE is ensuring member education, which is one of its primary objectives.

Programs, Youth and Women Committees are at the forefront of dissemination of knowledge across the country by organising various webinars, product presentations and workshops on HVACR-related topics virtually.

Our Technical, Standards, Research, Education, Advocacy, IT, Marketing, Honours & Awards and Refrigeration Committees have all risen to the occasion contributing to the growth of the Society in an immense way. The results can be seen in the overall growth of the Society, be it membership, students or K12, which is the hallmark of a great society.

Under the presidentship of Richie Mittal, we successfully conducted virtual society meetings like RCCs, NBoG and National AGM as well as Chapter level meetings that are all the means of keeping our members engaged throughout the year through planning and executions. The highlight of the second quarter of this Society Year is the President's visit to all Chapters virtually and interaction with them.

Warm regards,
N. S. Chandrasekar
National Secretary, 2020-21

Programs Committee

Over 800 webinars conducted

More than 43 Chapters and Sub-chapters have conducted and contributed to over 800 webinars in the first six months of the Society Year. This period of pandemic has redefined technical programs. Webinars have been more accessible and cost-effective knowledge-sharing media. The webinars have given opportunity to explore new speakers across the country and all the Chapters and Sub-chapters identified many such speakers on various topics. In fact, some of the speakers and topics have been exceptionally good. This has helped the HVAC professionals in the industry to acquire knowledge without incurring any cost with better comfort and saved a lot of travel time. Dedicated efforts of Chapter and Sub-chapter Presidents for conducting various technical webinars have been instrumental in spreading the reach of ISHRAE. This has helped in increasing the membership base in terms of new members and renewals. The Programs Committee has successfully executed second online workshops and six product presentations on the Headquarters' digital platform and is generating revenue for the Society. The Program Committee is aiming at digital national programs like Urjavar and Acreserve, if the COVID pandemic situation continues beyond December 2020. The support of HQ Secretariat working from home has been incredible. The Committee is looking forward to continue the success story in the second half of the Society Year with similar support from everyone.

Membership Committee

adds more than 725 new members

Our performance in the last two months has shown that members are the backbone and our key strength. So far, we have added more than 725 new members in our family and additionally, have succeeded in retaining more than 960 members among the existing ones. Even the ongoing crisis of COVID pandemic has not affected our grit to serve the HVAC industry and the related professionals. More than 30,000 delegates attending more than 800 programs, conducted by our 43 Chapters and Sub-chapters pan India, is a proof of how ISHRAE as a Society has emerged as a professional's society. Our strength has always been dissemination of technical knowledge and the participation in our programs has proven us right even in this tough situation.

Some Webinars held during the Second Quarter

Students Activities

30 webinars conducted

The Students Activities Committee has planned to conduct 30 HQ driven webinars specially dedicated to student members, out of which 14 webinars have already been organized. The webinars witnessed 9,398 registrations and 5,194 attendees. The Committee has started poll questions and feedback forms. Virtual factory visit & live interaction

The Committee has developed a unique digitally developed platform to have virtual factory visits and live interactions for student members. The two factories covered during these visits were Edgetech and Hitachi.

The Committee has given the opportunity of participation in national programs to students. For the Student Research Project Grant (SRPG):

- SRPG (PG): Sixteen project submissions have been received.
- SRPG (UG): Twelve project submissions have been received.

The National Student Design Competition has got a good response by receiving 228 registrations from various student teams.

For the Solar Decathlon India 2020-21, ISHRAE Handbook was used in the online learning module. ISHRAE logo was prominently displayed on the website and program brochure.

Women in ISHRAE

55 technical programs conducted

Hope you all are fit and fine during the prevailing pandemic. At the beginning of the year, though things seemed a little challenging, all of us kept going and have been accustomed to the new normal. Even in the tough times, ISHRAE as a Society is doing great work and achieving new horizons.

Women in ISHRAE is also at the forefront of keeping its goal of 75 technical programs to be achieved through all the Chapters, and we are proud that just half the way in the Society Year we have achieved more than 55 programs on technical topics covering all aspects of HVACR, and it is a great achievement that we have had great women speakers addressing all our members and it was great that most of the programs were well attended by our male counterparts. In addition to the technical programs, we had 60 knowledge dissemination sessions on other aspects of life as well, such as dealing with stress, work life balance and other grooming sessions.

In addition to this, Women in ISHRAE added a new feather to their cap by starting a new web series Dare to Dream where we invite great women achievers from different fields to converse with our members so that they can share their journey, which would be motivational and a guiding force for our members. So far, we have completed six successful sessions. This year, we also started a newsletter by Women In ISHRAE, which will share the hidden talents of our women members with all.

Women In ISHRAE is very thankful to the support extended by our President Richie Mittal, all HQ officers and staff, all Chapter Presidents, all chairs and all the members to take our programs ahead.

Some Webinars held during the Second Quarter

ISHRAE Mumbai Chapter

POINT OF VIEW

Our Speakers:

- RN Joshi, Consultant
- Amod Dikshit, Consultant
- Sanjay Jadhav, Manufacturer
- Ajaz Kazi, Contractor

Program Details:

1. Selection of Air Handling Unit (TR & CFM)
2. Static & significance of Static Pressure
3. Effect of RH & Temperature control
4. Experts Views on the Design of AHU
5. Challenges in manufacturing & Testing of AHU
6. Different aspects/views of Contractors
7. Customer Expectations & Requirement

12TH SEPTEMBER 11:30AM ONWARDS

Registration: <https://ind2web.zoom.us/join/91025466208>

ISHRAE YOUTH ISHRAE

WEBINAR

Overview of Energy Audit in Buildings & Industries

By Mr. Ankur Mantri, Design2Occupancy Services LLP, Surat

ENHANCE YOUR KNOWLEDGE WITH ISHRAE

TECHNICAL UPDATES

NEW TRENDS

Date: Wednesday, 30th Sept 2020
Time : 4.00 pm to 5.00 pm
Link : <https://attendee.gotowebinar.com/register/3745162413229064718>

About Speaker

Mr. Ankur is a mechanical engineer who has been working in the field from year 2015. He joined Design2Occupancy Services LLP and has accomplished many projects in Energy Audit, Third Party Commissioning, Energy Simulation, Green Building Facilitation. He, as a leader has been successful in more than 20 projects of energy audit including best international prestigious projects (2000 beds and 2000 beds Cooling Capacity) in South Arabia. He is a team member, have done energy simulation as per strict guidelines, Green Building Facilitation (LEED, BREE, USGBC).

K12 Activities

BANGALORE CHAPTER organised K12 activity on Fun with Robotics under the guidance of Pradeep Srinivasan, Robotics Application and Business Development Engineer, Yaskawa India on June 7. Seventy-five students participated in it. Topics such as basics of robots, robot simulation and development of robots were covered. Dr. N. Kapilan welcomed the participants and Srikanth proposed a vote of thanks.

Fun with Robots

7th June 2020, Time: 10:00 AM (IST)

Mr. Pradeep Srinivasan

Robotics Application and Business Development Engineer, YASKAWA INDIA

Worked in: IIT Bombay, Bangalore IITM

Worked in: ABB India - Robotics Division

Worked in: Yaskawa - Robotics Division

Worked in: Maharashtra (IIT) Maharashtra Institute of Technology

Zoom Meeting ID: 892 4119 1056

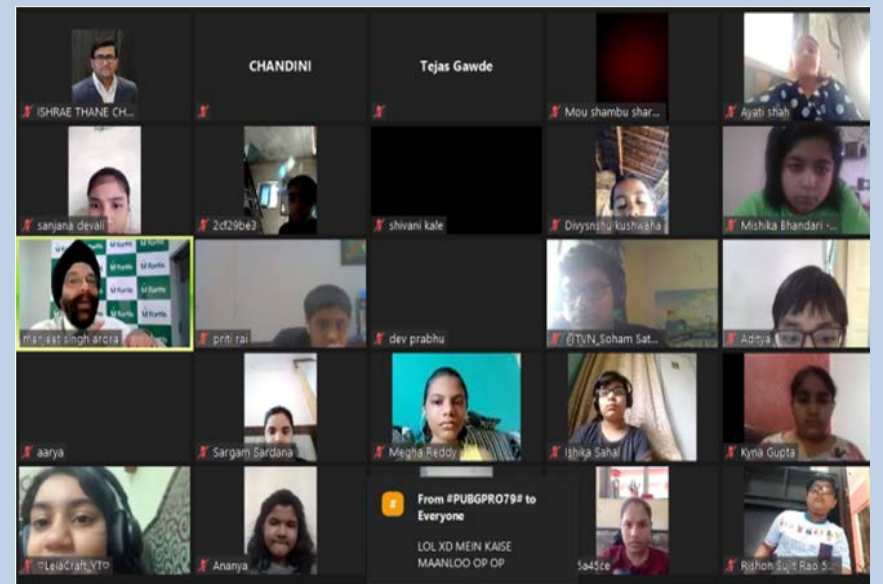
What is Robot ?

Only definition that we are aware of (or) what we all visualize is that,

Robot is a machine **resembling a human being** and able to replicate certain human movements and functions automatically. E.g. : **Humanoid Robot**

I Robot **The Chitti Robot**

THANE CHAPTER conducted an interactive K12 program in association with a Rotary Club on the occasion of World First Aid Day that is celebrated on the second Saturday of September. Dr. Manjeet Singh Arora from Grant Medical College guided the webinar. Manish Gulalkari, President, ISHRAE Thane Chapter, opened the webinar with his introductory speech that was followed by remarks by National K12 Chair Krishnasamy Rengasamy and Rtn. Pallavi Faujdar, President of the Rotary Club. There were about 480 participants in the webinar.



RANCHI CHAPTER conducted K12 STEM online program on the topic 'Best Out of Waste' under the guidance of Balakrishnan Bisoyi. The stem toys were submitted through mail. Wards of ISHRAE members participated in the competition. Below are the winners of the competition:

Rank	Name	Father's Name	Name of STEM Model	Photograph of STEM Model
1st	Abhigyan Krishna, Class-8, DPS Ranchi	Rakesh Rosan	Air cooler	
2nd	Sahah Habib, Class-6, JVM Ranchi	Merjul Islam	Fan and light arrangement for doll with security arrangement	
3rd	Adarsh Sharma, Class-12, DPS Ranchi	Rakesh Rosan	P.S.L.V.	

Apex Advocacy Committee

Key Highlights

- On June 26, COVID-19 Guidance Document for Air Conditioning & Ventilation in Healthcare facilities was launched online jointly by IMA, HBI and ISHRAE and concurrently, a webinar was also held.
- USAID offered to conduct for ISHRAE training programs for HVAC professionals on the use of simulation or analytical tools for designing and selecting equipment for efficient HVAC design.
- ISHRAE has been invited to join 'India Cooling Coalition' led by AEEE and Shakti Foundation to facilitate the execution of India Cooling Action plan for the Government of India.
- Student Chapters have been facilitated for participation in Solar Decathlon India.
- A Tripartite Forum between RAMA, RATA and ISHRAE has been organised.
- On World Environment Day, June 5, ISHRAE signed an MoU with the Indian Institute of Interior Design (IIID). As per the MoU, ISHRAE and IIID have agreed to exchange information on the latest developments in their respective areas that are of common interests and jointly work on conducting programs to benefit the members of both the societies.
- On World Refrigeration Day, ISHRAE witnessed the first international participation from speakers from IIR and UNEP in its webinar.
- 27 webinars on refrigeration were conducted on the same day.
- ISHRAE-IAQA webinar on 'Industrial Hygiene IAQ & IEQ – Case Studies' was held on June 24 by International Speaker Donald M. Weekes, based out of Canada, Past President – IAQA.

Technical Committee

Technical Groups

Total 28 Technical Groups (TGs) are active and have taken up multiple tasks and objectives.

Standards

- AHU standard has been launched and is available on the online store of the ISHRAE website.
- Air Filter Standard draft is under final review.
- Commissioning Standard draft is under final review.
- Following new standards have taken up in the current year:
 - Evaporative Cooling Systems
 - HVAC Systems for Data Centres

- Building Management Systems
- Cooling Towers
- ISHRAE Indian Building Energy Performance Standard (IIBEPS): Work on this is underway at a fast pace with multiple task groups working simultaneously.

Student Research Project

ISHRAE Student Project Grants for UG and PG students have been launched.

Research

Four research projects are under various stages of implementation at the leading institutions of the country.

Publications

- The following books are at the launching stage:
- All About Insulation (launched during REFCOLD 2020)
 - Air Purifiers Guide Book
 - All About Cooling Towers
 - Weather Data Book

Workshops & Webinars

- Several events have taken place or are planned:
- Filters Workshop
 - Radiant Systems Workshop
 - Heat Loads Workshop – coming soon
 - Kitchen Ventilation Workshop – coming soon
 - Other Webinars & Panel Discussions

Standards Committee

- SDO witness assessment completed without non-conformities and ISHRAE Standards has been recommended to be an accredited SDO under QCI Scheme.
- Evaporative cooling systems standard: Standards Technical Committee's first meeting was held.
- IIBEPS Standards team lead by Ashish Rakheja is meeting every month and making great progress.
- Commissioning Standard finalized and sent for publishing.

Finance Committee

- The committee has been actively supporting the core committee in giving advice for fund flow in FIRST.
- There have been two internal meetings of the committee and also an overview meeting with the NT and PE with regard to some active role of the Committee.

Some Webinars held during the Second Quarter

ISHRAE Chennai Chapter invites you for a Distinguished Lecture Presented by **Mr. Ganeshan M**

"Troubleshooting in Refrigeration and Air-conditioning plants"

Registration Link: <https://us02web.zoom.us/j/9490933667>

August 19th, 2020 6:30 PM

ISHRAE Invitation to attend webinar on **FLUE GAS DESULPHURISATION TECHNOLOGIES FOR THERMAL POWER PLANT**

DATE: 19 Aug 2020, Time: 07:30 PM onwards

Speaker's Profile: Mr. Kamlesh Kumar is having 12 years of experience in design execution of thermal power plants with specialization in flue gas desulphurisation.

Meeting ID: 949 049 3360 Password: 123FGD

ISHRAE Youth Chapter presents **HEAT EXCHANGERS 2 Part Webinar Series**

07:00 - 08:00 PM

19th August Basics of Heat Exchangers

20th August Different Types & Application of Heat Exchangers

Speaker: Mr. Swarnil Gawande

Zoom Link: <https://us02web.zoom.us/j/9490933667>

UNLOCK Happiness ISHRAE Mumbai Chapter

JUST WIN SINGH Founder of Institute of Happiness

20TH AUGUST 2020 5:30 - 6:30 PM

Registration compulsory: <https://us02web.zoom.us/j/9490933667>

Speakers: Mr. Rajendra N. Joshi, Mr. Amod Dikshit, Mr. Mukesh Suthar, Ms. Vandana Tare

ISHRAE INDIAN SOCIETY OF HEATING, REFRIGERATING & AIR CONDITIONING ENGINEERS

ISHRAE NASHIK CHAPTER feels Pleasure in inviting you for the **ONLINE PROGRAM on National Engineer's Day** of "An Elegant Engineer"

Speaker of the Day: Mr. Krishna Dhan Das

Guest of Honour: Mr. Amod Dikshit

Tuesday 15th September 2020, From 11:00pm - 12:30pm

ISHRAE Exhibitions National Programs @ Nashik

Mr. Subodh Murkwar, Mr. Amar Grever, Mr. Vilas Ashokar, Mr. Ashfaq Kagdi, Mr. Sarang Didiwale

Flagship Event of Nashik: COLLOQUIUM 14th Aug 2020

Other events: REFCOLD INDIA 2021, PHARMA CONNECT, ICP

ISHRAE Bhubaneswar Sub-chapter

Date: Tuesday, Sept 15, 2020 Time: 6:30 pm to 7:30 pm

WEBINAR

Topic: Recent Advancements in centralized air conditioning systems & its future perspective.

Meeting ID: 968 9098 3235, Password: QHysr1

Speaker: Dr. Bukke Kiran Naik

"Dr. Bukke Kiran Naik, Ph.D. from IIT Gawahati, India, Currently working as Assistant Professor in Department of Mechanical Engineering, National Institute of Technology Rourkela. His research interests include Thermo-chemical energy conversion and storage, Design of Ad/Absorption based encapsulation materials, Application of AI/ML tool for thermal analysis of heat and mass exchangers, developing analytical models for coupled heat and mass transfer analyses". He has published more than 15 papers in respected Field.

Chapters and Sub-chapters

North Zone 1 - Regional Director Gaurav Vasudev

Delhi Chapter

Delhi Chapter of North Zone has conducted the following activities:

- Conducted paid workshops.
- Organised regional debate competition for students.
- Conducted face to face K-12 project by students and speech on COVID-19.
- MoU signed with PJMT for exploring student activities.
- Extended full support to Sub-chapters for conducting online webinars and workshops.
- Released the digital version of I-Share.
- Installation of MRU.
- Extended its full support for conducting REFCOLD 2020 Virtual Expo.
- Completed 78 per cent of the new membership target.

Lucknow Sub-chapter

Lucknow Sub-chapter has organised the following workshops and programs.

- Installed Architect Student Chapter.
- Conducted paid programs, Distinguished Lecturer (DL) programs, webinars and workshops.

Dehradun Sub-chapter

Dehradun Sub-chapter has undertaken the following activities:

- Completed 40 per cent of the target for new membership.
- Conducted webinars and technical talks.
- Installed new student chapter at Kumaon Institute of Technology.
- All the other chapters have conducted several online seminars and workshops.

North Zone 2 - Regional Director Tapan Basu Roy

Chandigarh Chapter of ISHRAE has conducted various events in August, September and October on designing of air conditioning and ventilation systems for steel and power plants. In addition, industry stalwarts have undertaken insightful workshops and seminars.

ISHRAE Jaipur Chapter has organised a three-session series during Green Building Week 2020 from September 21 to 25. The Chapter organised various sessions on sustainability and green building by eminent speakers like Sunil Sood, Kushagra Juneja and Surendra Bohra. Industry experts disseminated knowledge and information

during sessions on HVAC organised by the Sub-chapters at Jodhpur, Ludhiana and Jalandhar.

West Zone 2 - Regional Director Pankaj Tiwari

Rajkot Chapter

Formation under progress.

Ahmedabad Chapter

Chapter has submitted petition for the formation of Rajkot Chapter – a great achievement in this COVID situation.

Institute of Engineering Science IPS Academy has been selected as ISHRAE model Student Chapter for Society Year 2020-21.

All the Chapters are at the forefront of conducting seminars and programs. West Zone 2 conducted 102 webinars. Further, all the Chapters are contributing their best in Student Activities, K-12 and Advocacy. Two new student chapters are formed in Indore.

- Ujjain Engineering College
- Prestige Institute

South Zone 1 - Regional Director A. Madhukar

Trivandrum Chapter has conducted about eight programs, out of which two are student activity programs. The Chapter has generated awareness on the hazards of using mobile phones in K-12 program. The Chapter has installed four student Chapters from June till now. A program on sustainability was conducted on World Environment Day.

Mysore Chapter organized two unique programs: one on World Rivers Day and the other on Engineers' Day. Apart from these two specific programs, three more programs have been conducted. NIE student chapter under Mysore Chapter, which was selected for research grants for projects, is in progress.

Kochi Chapter and Hosur Sub-chapter have been executing most of the programs through virtual platform in this COVID 19 situation and their membership renewal program is in progress.

On an average Bangalore Chapter is organizing at least three programs for members and K-12. Further, they are active in adding new members and retaining old members through renewals.

South Zone 2 - Regional Director K. Thirunavukkarasu

I am proud to be a member of ISHRAE.

What a coincidence?

ISHRAE was founded in 1981 by eminent professionals of HVACR engineers. In the same year, I also began my career as an HVACR technician after

completing my diploma. I joined ISHRAE Madurai Chapter as a chartered member. This has enhanced my knowledge in this field. But, in this period of one decade, ISHRAE helped me to become a consultant, well versed in all the aspects. ISHRAE shaped my career by giving me the opportunity to give lectures and seminars to the Chapters and engineering colleges.

I am sure that each and every member of ISHRAE works diligently for the growth of Chapter or Sub-chapter as well as the Society. ISHRAE not only disseminates knowledge but also integrates India by its membership. Now, it has spread its wings globally.

East Zone - Regional Director Gautam Mukherjee

This year 2020-21 is a blessing in disguise for our passionate ISHRAE members. I became an ISHRAE member to acquire knowledge in HVAC and different engineering fields and to keep myself updated with new and advanced technologies in the HVAC field. More than 20 years of association with ISHRAE has empowered and enriched me with knowledge and also given many friends and associates pan India.

I feel happy to share that East Zone is going to inaugurate the first international ISHRAE Sub-chapter in Dhaka at Bangladesh soon under Kolkata Chapter. All formalities in terms of membership and others are in place. It will be announced shortly.

Our student member from model Student Chapter IEM Kolkata has won an international award in a competition hosted by COINS, UK. Out of 400 plus submissions, his research paper on Net Zero Energy Cooling Building was awarded. This is a proud moment for us.

This year we have learnt to disseminate knowledge through distant mode and our East Zone has done a phenomenal job in terms of organising programs on various topics from HVAC and different engineering related fields.

K-12 activities seemed difficult as students were occupied in attending virtual classes on the digital platform. Still, we kept them engaged through various talent contests and STEM programs.

We have picked up tremendous momentum in youth activities where youth members have taken up responsible roles in the Chapter in terms of digital infrastructure upgradation, marketing through digital mediums, running programs and other Chapter activities with great efficiency.

With this pace and momentum, very soon ISHRAE will become a household name for professionals not only in HVAC but all core engineering fields.

Some Webinars held during the Second Quarter

Organized by ISHRAE Youth Chapter

Technical Talk on:
Air Leak Testing of Ducts & AHUs

Date- 20th Aug 2020
Time - 6:00 PM

Mr. Sandeep Galhotra

Mr. Sandeep Galhotra is a trained Mechanical Engineer with over 24 years of Working Experience in the field of Product Design, Manufacturing & Process Controls. He is a founder Director of M/s Radiant Air Systems Pvt Ltd & M/s Radiant Air Tech LLP, manufacturing of High Quality AIR MANAGEMENT PRODUCTS. In Hyderabad & Ahmedabad respectively. He is a vivacious member of ISHRAE & ASHRAE with active participation.

- An ISHRAE Deccan Chapter - Since 2009
- Position as Deccan Chapter - Past President & Chapter Mentor
- Position as HQ - National Marketing Chair
- Position as ISHRAE Deccan Chapter - Since 2010
- Position as Deccan Chapter - Immediate Past President
- Position as Region At Large - ARVC - CTC - SR-II (RAL)

He is an "Enthusiastic Social Citizen" and is actively engaged in various social and technical platforms.

Program Chair: Mr. Verna Reddy Munagala
Secretary: Mr. Kalyanaraman
President: Mr. Anand Babu

Corporate Partners: BEUMI, ABS, SUSTAIN HVAC, etc.
Supporting Associations: RATA, etc.

ISHRAE Indian Society of Heating, Refrigerating & Air Conditioning Engineers (Regd.)

ISHRAE COIMBATORE CHAPTER INVITES YOU TO A WEBINAR (TECHNICAL TALK) ON

UNDERSTANDING DEDICATED OUTDOOR AIR SYSTEM (DOAS)

On Saturday 22nd August, 6.00 p.m to 7.00 p.m

Expert Speaker: Mr. Rahul Aeron

- Currently working as Asst Vice President - Sales, Desiccant Rotors International Pvt. Ltd. (DRI), India - Engineering Company in the HVAC industry with global manufacturing and sales facilities.
- Over 25 years of experience in Marketing Engineering Products.
- Presently responsible for sales of Indoor Air Quality & RH Control products for commercial buildings.
- Presented many Technical Papers in different forums on IAQ & Energy Recovery Technologies.
- Member of ASHRAE & ISHRAE.

Education: PT. RAVI SHANKAR SHRIJALA UNIVERSITY, Raipur, India (Bachelor of Engineering - Mechanical, 1985)

Mr. Rahul Aeron, Asst. Vice President - Sales, Desiccant Rotors International (P) Ltd.

This webinar is limited to the first 100 registrations. It is purely on an "A, First-come, First-served Basis". After registering, you will receive a confirmation email containing information about joining the webinar. If the Webinar is full, then please visit our Facebook page "ishraecoimbatore" for live streaming of the same.

Registration Link: <https://tinyurl.com/ishraeco26>

E-Certificate will be issued to all the active participants. YEAR - 2020-21

G. Senthil Raj (President): 984223137 | R. Jagannath (President Elect): 989896299
Ranjith P. Sivan (Secretary): 994330924 | T.R. Sathish Kumar (Program Chair): 994477833

Thank you! Please send your suggestions if any to feedback.ishrae.cb@gmail.com

Women in ISHRAE Presents

DARE TO DREAM SERIES

Meet DR. LALU JOSEPH

EPISODE 05

Saturday 12th Sept. 2020
11 am to 12 noon

About Stories, Learning, Motivation, Inspiration & Outlook with The Acclaimed Achievers

Quality Manager and Accreditation Co-ordinator of Christian Medical College, Vellore & Principal Assessor of National Accreditation Board for Hospitals and Healthcare Providers

A Mechanical Engineer and PhD in Management, Teacher, Trainer, Author, has been felicitated with multiple Awards in Quality by TN State, IMA and BMJ South Asia. Best Outgoing Student of her Business School

Live Online Join at www.gotowebinar.com

Registration URL: <https://attendee.gotowebinar.com/register/590055264957618468>

Webinar ID: 105-827-971

RSVP: Anushree Riswadkar, National Women Chair; Deepa Rajganesh, Vice Chair

www.ishraehq.in

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