



India Chapter

ASHRAE CELEBRATING 125 YEARS

# ASHRAE INDIA CHAPTER

For the HVAC&R Industry

Volume 21 Issue 2 | December 2020  
Editor: Mr. Kanagaraj Ganesan, Associate Editor: Dr. Rajinder Singh

BULLETIN

## Presidential Message

My Fellow ASHRAE Members India!!

I am humbly obliged to complete a successful half yearly tenure of the Society Year 2020-2021; in the capacity of President. I am thrilled to be a predecessor to the winner of Presidential Award of Excellence 2019-20, Dr. Varun Jain. We have successfully conducted RAL CRC in December 2020 and bagged the full circle award and RP Awards. Amidst the limited movement in the nation due to world pandemic; we made complete utilization of each week and extended weekend available to us for the Student Members as they are the future of the nation. It has been a power packed year in terms of learning and exponentially multiplying the Knowledge Bank. We conducted a five day E-Workshop on Computational Fluid Dynamics and it's Applications.

We have also planned an array of events for the members of the society in 2021; The ASHRAE Virtual Winter Conference will be held in Feb 2021. The N.C. Gupta Memorial Football Tournament and Prem Jain Memorial Cricket Tournament have also been planned as the upcoming rejuvenation activities for students. We could not skip upon the Industry and Institute interaction being a Technical Society; it will be held in April 2021.

The members of India Chapter contributed \$2145 towards Research Promotion. The Harit Prem Bharat Mahotsav shall be celebrated in the memory of Green Crusader Lt. Sh. Prem Chand Jain. Another project is lined up to be ready by 10th January 2021 and Mr. K D Singh has worked extensively on Innovation driven Sustainability by making a "Cold Storage for Covid Vaccine" We look forward to have a pool of professionals from various verticals and different domains on our Panel of Experts and request you to join ASHRAE and contribute to the Society in the form of Knowledge Dissemination. I am overwhelmed to have a very well co-ordinated Team of Experts to channelize each step that the society plans to take.

Regards,

**Dharmendra Rathore**

President  
ASHRAE India Chapter 2020-21



In this Issue...

02  
ACTIVITIES

05  
UPCOMING

06  
SPONSORS



## India Chapter

# ACTIVITIES

ASHRAE CELEBRATING 125 YEARS

2019-2020

## Presidential Award of Excellence 2019-20



**Dr. Varun Jain,**  
Imm. Past president  
ASHRAE India Chapter  
Tenure: July 1, 2019 –  
June 30, 2020

2019-2020

## Full Circle Awards, RP AWARDS 2019-2020, Region At Large CRC 2020



4th -6th December, 2020

## Congratulations

Congratulations for such a Successful RAL CRC happened from December (4th to 6th), 2020 – Virtual





## India Chapter

# ACTIVITIES

ASHRAE  
CELEBRATING  
**125**  
YEARS

19h-23rd October, 2020

ASHRAE Student Chapter, MAIT organized five days E-Workshop on 'Computational Fluid Dynamics (CFD) and its Applications' from 19th - 23rd October, 2020 for the students, research scholars and faculty members. The lecture given by ASHRAE DL - Dr. Kishor Khankari, Mr. Christopher Mathis & Dr. Ahmed A. Medhat A. Fahim. Some glimpses are as under:



## Industries News

“AIR FLOW” Launch CE Certified Smoke Exhaust Axial Fans”

“AIR FLOW” has recently been awarded with prestigious CE Certification in accordance with CPR (EU-305/2011) & EN 12101-3:2015 for its Axial Flow Fan & Jet Fan for smoke and heat control systems.

AIR FLOW Pvt Ltd. is the 1st Indian Company to get their Axial & Jet Fan CE Certified. They are manufacturing these fans in their Greater Noida Factory.

The company is aggressively and continuously adding its international certified range of ventilation products. They also have UL Listed Smoke Exhaust Fan & AMCA Certified Axial & Vane Axial Fan, Plug Fan & Mixed Flow Inline Fan.

For more information, contact:- [mail@airflow.in](mailto:mail@airflow.in),



## Held on Chapter Activities till date

Speaker	Topic	Dates
Mr. Charles E Gulledge	Virtual Visit of the President to your Chapter	4th Sept.,2020
Mr.Charles E Gulledge	Green Industrial HVAC Design.	19th Sept.,2020
Mr. Sandeep Goel	“ Smoke Mitigation and Cause & Effect Integration”.	3rd Oct.,2020
Mr.Mark W. Fly	Acoustics Basics for HVAC &R Designers	9th Oct.,2020
Mr. Krishnan Vishwanathan	Current Trends in Room Air Distribution.	16thOct.,2020
Mr. David Schurk	Keeping Doc's Cool, Dry & Happy in the Operating Room...Can it be Accomplished?	7th Nov.,2020
Dr Rajinder Singh	Use of Green Secondary Refrigerant (Ice Slurry) for Refrigeration and Air-Conditioning	11th Nov.,2020
Mr. Vikram Murthy	Air Duct Design and Air Distribution.	21th Nov.,2020
Mr. Sushil K Choudhury	Energy efficient design of kitchen ventilation systems	28th November,2020
Mr. Dinesh Gupta	New Air Desiccant Based Technologies	18th December,2020

## Held on Chapter Student Activities till date

Speaker	Topic	Dates
Ajay Sharma	Basics of cooling tower and energy efficiency on cooling tower	6th September
Rahul Aeron	Basics of Air Handling Units	4th October
Student Chapter	Virtual Industrial Visit for Student Chapter	10th October
Abhishek Jain	Basics of HVAC Fan Selection & Importance of Standards in Industry	18th October
Dr. Kishore Khankari	Applications of Computational Fluid Dynamics (CFD) for Built	19th Oct., 2020
Mr. R.Christopher Mathis	Building Science lessons from the Honey Bee	20th Oct., 2020
Dr. Ahmad A. Medhat	CFD Modelling as an Assessment Tool for Performance-based -design	21st Oct.,- 23rd Oct
Sandeep Galhotra	Dynamics of Ducts	1st November
Krishnappa CS	CONSTANT & VARIABLE AIR VOLUME	22nd November

UPCOMING  
PROGRAMS

ASHRAE Virtual Winter Conference Conference  
February 9th-11th-2021.

1st N.C.Gupta Memorial Football Tournament 2021  
(School level)

2nd Prem Jain memorial Cricket Tournament -2021  
(Inter College)

INDUSTRY, INSTITUTE & INTERACTION Conference  
to be held on April, 2021

23rd-29th January, 2021



Harit Prem Bharat Mahotsav will celebrate by the chapter from 23rd to 29th January 2021

10th January, 2021

### Innovation Driven Sustainability

Mr. K.D.Singh by Making a 'Cold Storage for Covid Vaccine'. This Project is likely to get ready by 10th of January -2021.

27th December, 2020

### Inter College Quiz Competition

ASHRAE Student Quiz Competition held on 27th December, 2020.



## AIC Annual Sponsors 2020-21



IoTation Ecotech Pvt. Ltd.



ALP Aeroflex India Pvt. Ltd.



U.P. Twiga Fiberglass Limited



Advance Valves Pvt. Ltd.



Kalpataru Industries



Voltas Limited



## ASHRAE INDIA CHAPTER INVITES YOU TO JOIN ASHRAE



### TECHNICAL RESOURCES

Access the world's largest library of HVACR related technical information, Members get:

- ASHRAE Journal
- HPB Magazine
- ASHRAE Handbook (for Member and Associate grade members)
- ASHRAE Technology Portal
- Science and Technology for the Built Environment
- Discounts in the Bookstore
- Building EQ Portal
- 90.1 Portal

### PROFESSIONAL NETWORK

Grow your network at the local, regional, and international level, both in-person and online.

- 187 Chapters within 15 Regions keep members connected at the local level through meetings and events.
- Society Conferences and Chapter Regional Conferences provide networking and unparalleled learning opportunities.
- Connect with members across the globe on social media.

### CAREER & PROFESSIONAL DEVELOPMENT RESOURCES

Develop personally and professionally with continuing education, certification and leadership programs.

- ASHRAE Learning Institute & eLearning
- Free PDHs from Annual Webcast
- YEA Leadership Programs
- ASHRAE Jobs
- Certifications

### MEMBERSHIP FEE TO JOIN

Member	Associate Member	Affiliate Member	Student Member
\$115	\$115	\$30	\$15

Mr. Indrajit Bhattacharya  
Membership Chair  
+91-9818353616

Mr. Rajesh Jain  
Membership Co-Chair  
+91-9958091036

Ms. Vandana Kapuria  
Membership Co-Chair  
+91-9312025457

Login at : [join.ashrae.org](http://join.ashrae.org),  
to become a member instantly.  
Secretariat Help : +91-8130528158  
+91-9971254211

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[www.ashraeindia.org](http://www.ashraeindia.org) | Email : [ashraeic@gmail.com](mailto:ashraeic@gmail.com)



## Reader Feedback

ASHRAE India Chapter Bulletin Newsletter wants ideas from readers on what you would like to see in future newsletters.

**Tell us what you think.**

Members interested to send their technical articles are requested to send the same at [ashraeindia6@gmail.com](mailto:ashraeindia6@gmail.com)