

# LIGHTHOUSE, OUR NEWSLETTER



NEWSLETTER IS THE WORK OF THE CHAPTER AND NOT OF SOCIETY



## ASHRAE President Farooq Mehboob

Fellow ASHRAE, Life Member, ASHRAE 2022-23 President. Mehboob's theme for the 2022-23 ASHRAE Society Year is "Securing Our Future."

### By Your President Nivedita Jadhav

After an active month of July, we continued the spree in August. Our membership team was successful in adding 9 new members which included bringing in 2 cancelled members. The diversity in our membership is increasing in terms of gender, age and the industry. Members engagement in the ASHRAE TCs has increased substantially.

The highlights would be a great session given by V.Krishnan on "Introduction to ASHRAE Technical Activities Committee" on 21st Aug., the first Diversity, Equity & Inclusion (DEI) program in RAL on 26th Aug., organised by Kamendra Singh our DEI Chair, the start of a Refrigeration & Cold Chain series, episode one on 27th Aug, totally planned and conducted by the YEAs ably led by Refrigeration Chair Sarjerao Bhawar.

Our Student committee initiated an orientation program for new members in all active branches along with one in IIT Bombay. Our students strength increased with 18 new members. It brings immense pleasure to announce and congratulate Dr.Kavita Dhanawade to be recognised as the "ASHRAE Student Branch Advisor of the Year". LTCE Branch deserves tremendous applaud as besides this, two of the students from the Branch Suhas Autade got the Alwin B.Newton Scholarship and Rahul Gupta got the Prem Jain Scholarship.

Mahesh Prabhu, our GAC Chair & Vice President got featured in the Society newsletter for his efforts in building relationship with government officials in Goa, including a meeting with the Chief Minister Shri Pramod Sawant. The discussions focussed on ASHRAE Standard 90.1, Standard 188 and the COVID 19 Guidelines. With the help of our Sustainability Chair, Kartik Kommireddi, we have initiated discussions with GBCI to do joint activities for the community.

Overall it has been a very happening and satisfying month for all in the chapter. All readers, members or non members, I appeal you to join our community for a better tomorrow.

Contact us on [ashraemum@gmail.com](mailto:ashraemum@gmail.com), Cell.: 9321590176  
[www.ashraemumbai.org](http://www.ashraemumbai.org)



## IN THIS ISSUE

ABOUT ASHRAE

MEET OUR NEW COMMITTEE

CHAPTER ACTIVITIES IN THE MONTH

RAL CHAPTERS REGIONAL  
CONFERENCE

CHAPTER MEMBERS  
ACHIEVEMENTS

INTRODUCTION OF NEW MEMBERS

MEMBER GRADE ADVANCEMENTS

RESEARCH PROMOTION  
CONTRIBUTORS

STUDENT BRANCH ACHIEVEMENTS

PARTNERS & OPPORTUNITIES

ASHRAE was formed as the American Society of Heating, Refrigerating and Air-Conditioning Engineers by the merger in 1959 of American Society of Heating and Air-Conditioning Engineers (ASHAE) founded in 1894 and The American Society of Refrigerating Engineers (ASRE) founded in 1904. With more than 50,000 members from over 132 nations, ASHRAE is a diverse organisation dedicated to advancing the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world..

## ASHRAE Executive Committee SY 2022-23



**PRESIDENT**  
FAROOQ MEHBOOB, FELLOW  
LIFE MEMBER ASHRAE



**PRESIDENT ELECT** GINGER  
SCOGGINS, P.E., FELLOW  
ASHRAE



**TREASURER** DENNIS  
KNIGHT, P.E., FELLOW  
ASHRAE

## Vice Presidents



SARAH MASTON,  
P.E., BCXP



ASHISH RAKHEJA



BILLY AUSTIN, P.E., BCXP, BEAP,  
BEMP, HBDP, HFDP, OPMP



DUNSTAN LAURENCE  
MACAULEY III, P.E., HBDP



JEFF H. LITTLETON  
EXEC VICE PRESIDENT

## Mumbai Chapter Board of Governors



Sandeep - Treasurer



Sanjay - President Elect



Nivedita - President



Mahesh - Vice President



Parth - Secretary



Kamendra



Goutham



Kavita



Kunal



Kartik



Hardik



Bharat



Shreya

## Mumbai Chapter Extended Committee



# CHAPTER Activities in the month

## Refrigeration & Cold Chain Series Episode 1

Organisers: **ASHRAE Mumbai Chapter** & **ISHRAE Thane Chapter**

**Refrigeration & Cold Chain Series**  
Full Day Program **"Hybrid mode"**

**Episode 1- Saturday, 27<sup>th</sup> August 2022**  
Design & Heat Load Calculations

 <b>Ninad Prabhu Desai</b> Assistant Manager, Danfoss Cooling Segment (Application) Topic: Basics of Refrigeration	 <b>Vikram Murthy</b> Director, HVAC Environment Systems Pvt Ltd Topic: Heat Load Calculations	 <b>Parth Thakkar</b> Director, Palhoor Alcon Pvt. Ltd. Topic: Refrigeration System Selection	 <b>Sunil Kurade</b> Head of Applications & Training, Danfoss Climate Solutions Topic: Controls Selection & its importance
---	--	---	--

**Venue- Blue Star Innovation Centre,**  
Next to Vihang's Inn Hotel, Kapurbawadi Ghodbunder Road, Thane West - 400 607, Maharashtra

**Register in Advance:**  
Fill up the Below Google Form Link  
<https://forms.gle/jec23NkvhbMQEqG6>

<b>Members</b> Rs. 800/- ONLINE Rs. 500/- OFFLINE	<b>Fees</b> <b>Non-Members</b> Rs. 1000/- ONLINE Rs. 750/- OFFLINE
---	---

Pay to Shreyas +919892488161

Hospitality Partner: **BLUE STAR** BUILT ON TRUST

Supported By: **REFCOLD INDIA**, **ASHRAE**, **ISHRAE**

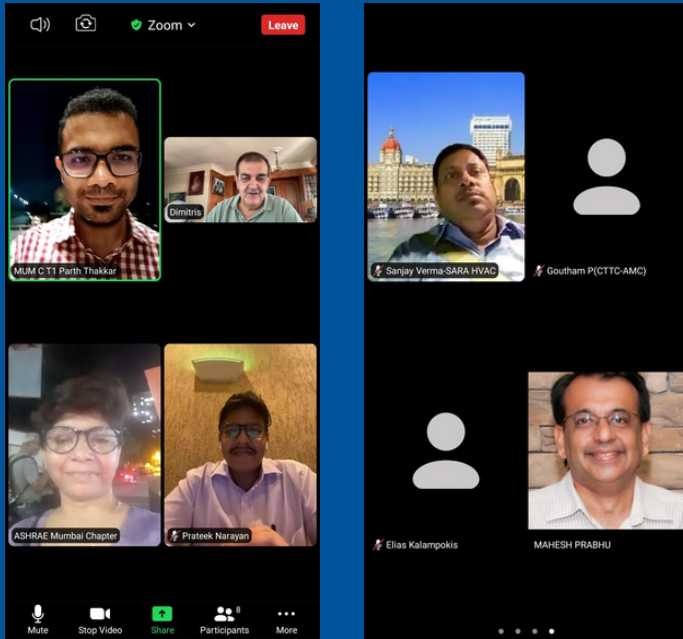
RSVP: Sarjero Bhowar, Refrigeration Chair, ASHRAE Mumbai Chapter, Technical chair, ISHRAE Thane Chapter

Registrations: Mr. Shreyas: +91 93110 98333, Ms. Deepali: +91 97572 89988, admin@ishraethane.in, ishraethane@gmail.com, RTCS/NEFT IFSC: HDFC00002055

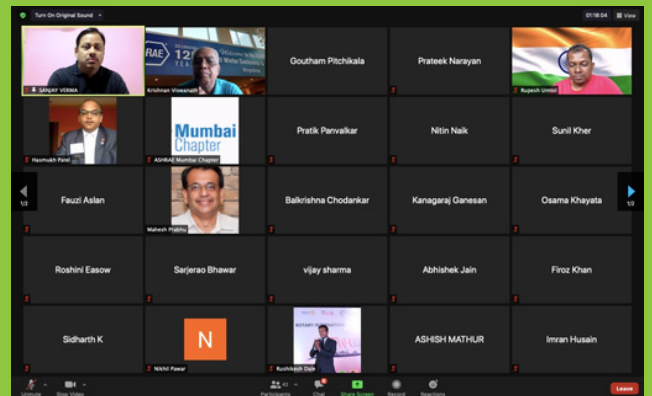
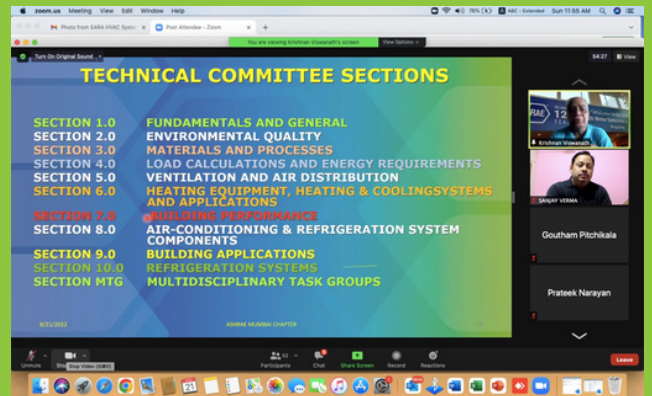
Bank Details: ISHRAE Thane Chapter, Bank: HDFC Bank Ltd., Account No.: 503000200428859



## Inter region meetings - with Hellenic Chapter (Greece)

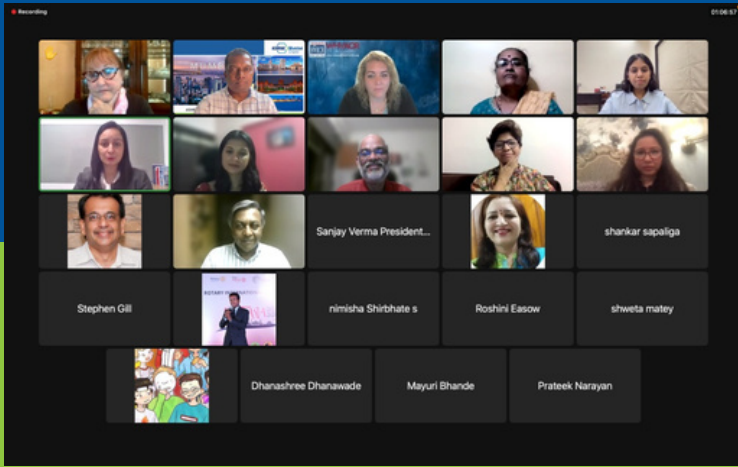


## Introduction to TAC, by V.Krishnan



CHAPTER Activities in the month

Diversity Equity & Inclusiveness



**WOMEN'S EQUALITY DAY**

A Virtual Roundtable planned by the DEI Committee  
**Diversity, Equity & Inclusiveness - A Strategic Priority**

*Eminent Guests*

- Adrienne Thomle, Chair, DEI Sub-Committee ASHRAE
- Colleen Keyworth, President Women in HVACR
- Adeeba Mehboob, RVC RP, ASHRAE RAL
- Dr. Kavita Dhanawade, Co-Chair, Student Activities, ASHRAE Mumbai Chapter
- Priyanka Mishra, Head - Talent Management & DEI, Buelstar Limited

*Moderators*

- Nivedita Jadhav, President, ASHRAE Mumbai Chapter
- Mayuri Bhande, IEA member, ASHRAE Mumbai Chapter
- Kamendra Singh, Chair, DEI

Supported by:  
 INTERNATIONAL WOMEN IN COOLING NETWORK  
 Women in ISHRAE  
 WOMEN IN HVACR

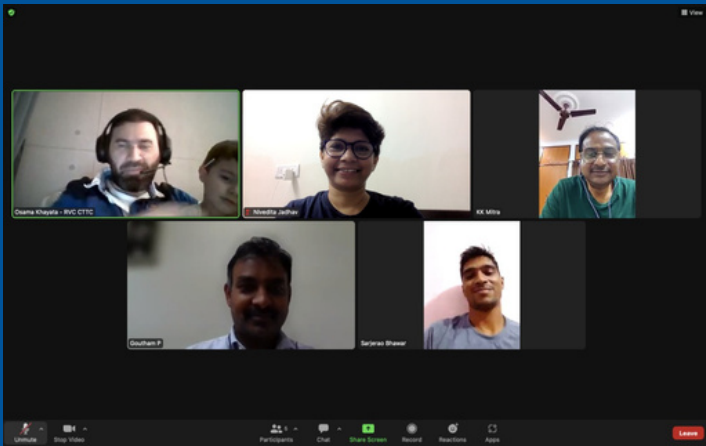
Annual Partners:  
 SARA HVAC  
 EMC  
 Electro-Mech Controls Pvt Ltd

DATE: 26<sup>th</sup> August 2022  
 TIME: 6:30 PM IST

*Join us for an hour of constructive interaction*

<https://us02web.zoom.us/join/12wuc0mupjsgn2wbyevcdzkwpmfpokojula>  
<https://ashraemumbai.org/>

Goal setting meeting with RVC Osama Khayata



K-12 STEM Activity

ISHRAE Thane Chapter ASHRAE Mumbai Chapter K12 ACTIVITY

**Mind Map to Stress-free & Effective Learning**

**SAURAV PATIL**  
 B.E Mechanical Engineer, After a lot of research and reading about how our brain works, I started "VanAllen: Speed reading and Mindmapping training" Cleared 6 levels of Abacus out of 8. - One of the key member of "The Neenasa Enterprises" which comes under HVAC industry.

**Venue 1:**  
 Indo Scottish School  
 09:30-11:30 AM  
 20th August, 2022

**Venue 2:**  
 Raja Shivaji Vidyalyaya  
 03:00-05:00 PM  
 20th August, 2022



## Student Activities in the month

### LTCE College orientation



### IIT-BOMBAY ORIENTATION



# RAL CHAPTERS REGIONAL CONFERENCE ( CRC )

**MEGA CRC**  
**9TH - 14TH OCTOBER 2022**  
**ISTANBUL, TURKEY**  
[www.ralcrc.com](http://www.ralcrc.com)

**ASHRAE** Region-at-Large  
 "Where Things Happen"

**GLOBAL SUMMIT**  
 BOD MEETING  
 RAL RAL  
 CRC 20 YEARS

Early bird registration for RAL CRC is extended up-to July 31st 2022

**Summit**  
 9<sup>th</sup> to 11<sup>th</sup> October 2022

**RAL CRC**  
 11<sup>th</sup> to 14<sup>th</sup> October 2022

**BOD Meeting**  
 13<sup>th</sup> to 14<sup>th</sup> October 2022

1 CITY  
 4 BIG EVENTS  
 5 DAYS WITH  
 HVAC-R PROFESSIONALS  
 ASHRAE GLOBAL SUMMIT,  
 BOD MEETINGS,  
 RAL 20 YEARS & RAL CRC  
 will be hosted in  
 Istanbul between the dates of  
 9-14 October 2022

**VENUE**  
 The Green Park Pendik Hotel,  
 ISTANBUL

**REGISTRATION COST OF  
 USD\$600 ONWARDS.**

SPONSORS:



operasyon@gngtur.com | +90 544 354 0134 | www.ralcrc.com

Time	DAY 0 9th October 22	DAY 1 10th October 22	DAY 2 11th October 22	DAY 3 12th October 22	DAY 4 13th October 22	DAY 5 14th October 22
7:00 - 7:15						
7:15 - 7:30						
7:30 - 7:45						
7:45 - 8:00						
8:00 - 8:15						
8:15 - 8:30						
8:30 - 8:45						
8:45 - 9:00						
9:00 - 9:15		SUMMIT Opening Session 9:00 - 9:45 (ANKARA)		CRC Orientation & Caucous w breakfast 7:00 - 10:00 (ANKARA)	CRC Committee Trainings 7:00 - 10:00 (IFU C1)	
9:15 - 9:30						
9:30 - 9:45						
9:45 - 10:00						
10:00 - 10:15						
10:15 - 10:30		SUMMIT Address to Assembly of Participants by Keynote Speakers 9:00-11:00 (ANKARA)	SUMMIT Breakout session 2 Define Solutions and Establish an Action Plan 9:00 - 11:00 (ANKARA)	CRC Meet The BOD 10:00 - 10:30 (IFU/C2)		
10:30 - 10:45						
10:45 - 11:00						
11:00 - 11:15						
11:15 - 11:30						
11:30 - 11:45		SUMMIT Q & A 11:30 - 12:00 (IFU C1)				
11:45 - 12:00						
12:00 - 12:15						
12:15 - 12:30						
12:30 - 12:45		SUMMIT Lunch 12:00 - 13:00 (LOBBY LEVEL HOTEL RESTAURANT)	SUMMIT Lunch 12:00-13:00 (LOBBY LEVEL HOTEL RESTAURANT)			
12:45 - 13:00						
13:00 - 13:15						
13:15 - 13:30						
13:30 - 13:45						
13:45 - 14:00						
14:00 - 14:15						
14:15 - 14:30						
14:30 - 14:45		SUMMIT Breakout Session 1 Identify Causes and Discuss Consequences 13:30-16:00 (ANKARA)	SUMMIT Report to Assembly of Participants by Breakout Groups on Session 2 and agree on an Action Plan 13:30 - 15:30 (ANKARA)			
14:45 - 15:00						
15:00 - 15:15						
15:15 - 15:30						
15:30 - 15:45						
15:45 - 16:00						
16:00 - 16:30						
16:30 - 16:45						
16:45 - 17:00						
17:00 - 17:15		SUMMIT Report to Assembly of Participants by Breakout Groups on Session 3 16:00-18:00 (ANKARA)				
17:15 - 17:30						
17:30 - 17:45						
17:45 - 18:00						
18:00 - 18:15						
18:15 - 18:30						
18:30 - 18:45						
18:45 - 19:00						
19:00 - 19:15						
19:15 - 19:30						
19:30 - 19:45						
19:45 - 20:00						
20:00 - 20:30						
20:30 - 21:00						
21:00 - 21:30						
21:30 - 22:00						

**Register NOW !!!**  
[www.ralcrc.com](http://www.ralcrc.com)



## CHAPTER MEMBERS ACHIEVEMENTS

### Alwin B. Newton Scholarship

*Suhas Autade*, mechanical engineering, Lokmanya Tilak College of Engineering, is the recipient of the Alwin B. Newton Scholarship named for an industry pioneer and ASHRAE Fellow who was granted 219 patents.



A screenshot of the ASHRAE Newsletter

### Prem Jain Scholarship

*Rahul Gupta*, mechanical engineering, Lokmanya Tilak College of Engineering, is the recipient of the Prem Jain Scholarship. The scholarship was created by Dr. Prem Jain, Life Member of ASHRAE, founder of ASHRAE's India Chapter-at-Large & presidential member of the ASHRAE India Chapter, founder and presidential member of ISHRAE (Indian Society of Heating, Refrigeration, and Air-Conditioning Engineers).



A screenshot of the ASHRAE Newsletter

## Congratulations to the 2022 ASHRAE Student Branch Advisor of the Year: Dr. Kavita Hanamant Dhanawade



The ASHRAE Student Activities Committee is proud to dedicate this award to ASHRAE Student Branch Advisors for their outstanding commitment to servicing student members and branches.

As Student Branch Advisor, Dr. Dhanawade has organized various activities including poster competitions and distinguished lecturer visits. The details of some of the activities organized for the Lokmanya Tilak College of Engineering (LTCE) Student Branch are listed [here](#).

A screenshot of the ASHRAE Newsletter

## ASHRAE Member Spotlight: Mahesh Prabhu



*Left to Right: ASHRAE Mumbai Chapter members Sandeep Mehndiratta and Mahesh Prabhu; the Honorable Chief Minister of Goa, Shri Pramod Sawant; Mumbai Chapter members Mihir Sanghavi, Rupesh Umtol, and Balkrishna Chodankar.*

ASHRAE Member Mahesh Prabhu, Government Affairs Chair of the Mumbai Chapter, has focused on building relationships with government officials in India during his time in Chapter leadership. His accomplishments include multiple meetings with officials and the Health Minister in the state of Goa regarding COVID-19 and infectious disease mitigation over the past 2 years, as well as a meeting with the Chief Minister of Goa discussing ASHRAE standard 90.1 and energy efficiency in buildings. In addition, Mahesh and the ASHRAE Mumbai members organized a government outreach event with the Honorable Deputy Chief Minister of Goa, the Chief Town Planner, and Pollution Control Board members. This meeting included a presentation to the Deputy Chief Minister on ASHRAE Standard 188, **Legionellosis: Risk Management for Building Water Systems**. Mahesh received a thank you letter from the Corporator of the Municipal Corporation of the City of Panaji, Goa for sharing ASHRAE's resources and technical information. There was also an article published in the Times of India that highlighted ASHRAE's information on Legionella risk and prevention. Thank you Mahesh for your outreach in sharing ASHRAE's technical resources with government officials!

A screenshot of the ASHRAE Newsletter

## New Members in August 2022



**M. Touhid Durvesh**  
Blue Star Ltd.



**Santosh Konnur**  
Conex Universal Ltd



**Twaha Sheikh**  
Vertiv Energy Pvt.Ltd.



**Saloni Shetty**  
AirFixture LLC



**Dr. Gurubalan Annadurai**  
IIT - Bombay



**Mohan Kumar**  
Blue Star Ltd.



**Namdeo Patil**  
The Neenasa Ent.



**Aaryel Monteiro**  
Indian hotels company limited



**Vinod Ramnani**  
ATE Enterprises Pvt Ltd

## Membership Grade advancements - Associate to Full Member



**Balkrishna Chodankar**  
Government Polytechnic  
Bicholim

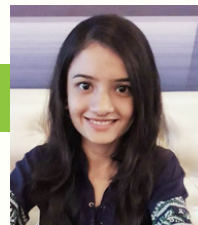


**Manoj Dhawade**  
LTCE College

## Research Promotion Donors



**Sagar Munishwar**  
Eskayem Consultants



**Saniya Inamdar**  
Electromech Consultants

### ASHRAE JOBS

If you are seeking a job in the engineering field or searching for the most qualified engineers, the ASHRAE job board offers the most qualified opportunities and candidates. Engineers can set up a personal account for job searches, manage resumes and create alerts for new job postings. Employers can set up a corporate account to post new jobs, review resumes and manage recruiting.

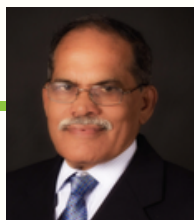
**ASHRAE Jobs: <https://jobs.ashrae.org/>**



# RAL Committee Members from Mumbai Chapter



KRISHNAN VISWANATH



SHANKAR SAPALIGA



NITIN NAIK



MAHESH PRABHU



MIHIR SANGHAVI



GOUTHAM PITICHIKALA



KAVITA DHANAWADE



BALKRISHNA CHODANKAR



KUNAL BHAVSAR



SARJERAO BHAWAR



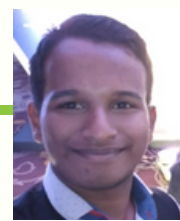
PRATEEK NARAYAN



M. TOUHID DURVESH



HARDIK TANNA



RUSHIKESH DALE

## "Our Support System - Past Presidents"



M.P. Agarwal



Vikram Murthy



Adarsh Kaul



Anurag Pareek



A. Ravi



Dr. Roshini Easow



Nitin Naik



Viresh Ruhel



Shankar Sapaliga



Amod Dikshit



Mihir Sanghavi



Rupesh Umtol

**JOIN ASHRAE, <https://www.ashrae.org/join>**

Member

USD 155

Associate Member

USD 155

Affiliate Member

USD 40

Student Member

USD 15

JOIN NOW



# Annual Partners SY 2022-23



**Hospitality  
Partner:**



## Annual Calendar SY - 2022 - 23 One hour Tech Talks planned in ASHRAE Mumbai - Hybrid / Virtual

Pumping Systems	Decarbonisation
ASHRAE Standards	IOT / AI / ML / Data Science
Ventilation	Smart Systems
Metro Stations	Energy IAQ Balance
Indoor Environment Quality	Hydronic Radiant Systems
Duct Design & Air Distribution	Energy Conservation Act & Schemes / Bills
High Rise Buildings	Active Cooling Strategies
Building energy Quotient & Commissioning	Lighting Design
Heat Pumps	Acoustics in HVACR

## PARTNERSHIP OPPORTUNITY

	PLATINUM	GOLD	SILVER
Amount, GST Extra	1,00,000 INR	50,000 INR	25,000 INR
Available Opportunities	10	10	10
<b>Deliverables</b>			
Product presentation - 15 minutes opportunity	1	0	0
Logo presence in all Social Media posts	Yes	Yes	Yes
Logo presence on website	Yes	Yes	No
Logo presence in Monthly Newsletter	Yes	Yes	Yes
Full Day Program Passes + 20% discount on extra passes	Yes	Yes	Yes
YEA Membership complimentary, Under 30 @ USD 40	2	1	1
Acknowledgement in all programs	Yes	Yes	Yes
Payment Terms: 100% in advance against invoice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

For Partnership, please contact:

**Nivedita Jadhav, President**  
nivi2307@gmail.com  
+91-7506383171

**Sanjay Verma, President Elect**  
sanjayverma.sarahvac@gmail.com  
+91-9892183340

Highlights of 13th year of ASHRAE Mumbai Chapter, going stronger:

Membership - Soon crossing 200  
Student membership - 106

<https://ashraemumbai.org/>



82 Followers

623 Followers

658 Connections

382 Followers

34 Subscriptions

Connect with us on:

<https://ashraemumbai.org/>

Ms. Deepali: +91-9321590176