



**Region-at-Large**  
“Where Things Happen”

# RALTIMES

Newsletter Volume 01, July 2021

# About ASHRAE

ASHRAE, founded in 1894, is a global society advancing human well-being through sustainable technology for the built environment. The Society and its members focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability within the industry.

Through research, standards writing, publishing and continuing education, ASHRAE shapes tomorrow's built environment today. ASHRAE was formed as the American Society of Heating, Refrigerating and AirConditioning Engineers by the merger in 1959 of American Society of Heating and Air-Conditioning Engineers (ASHRAE) founded in 1894 and The American Society of Refrigerating Engineers (ASHRAE) founded in 1904.

In 2012, as part of a rebranding, ASHRAE began doing business as "ASHRAE" vs. using its full legal name of the American Society of Heating, Refrigerating and Air-Conditioning Engineers. Use of ASHRAE reflects the Society's worldwide membership and that services will continue evolving globally.

## ASHRAE Strategic Plan

**Mission:** To serve humanity by advancing the arts and sciences of heating, ventilation, air conditioning, refrigeration and their allied fields.

**Vision:** A healthy and sustainable built environment for all.

## ASHRAE Society Snapshot



# Why ASHRAE

## Endless Technical Resources

Members enjoy access to the world's largest library of HVACR related technical information.

- Monthly ASHRAE Journal and quarterly HPB Magazine
- Access to the ASHRAE Handbook (for Member and Associate grade members)
- ASHRAE Technology Portal
- Free online access to Science and Technology for the Built Environment research publication
- Discounts in the Bookstore

## Connection to Our Global Community of Professionals

Members join together at the local, regional, and international levels both in-person and online.

- Society Meetings and Conferences
- Chapter Participation and Committee Involvement

## Opportunities to be Part of the Change

There is always an opportunity at ASHRAE to give back and be part of the progress.

- Sharing knowledge on a Technical Committee
- Volunteering at the Chapter level
- ASHRAE Foundation

## Career & Professional Development Resources

Members develop personally and professionally with programs geared to assist them at any career level.

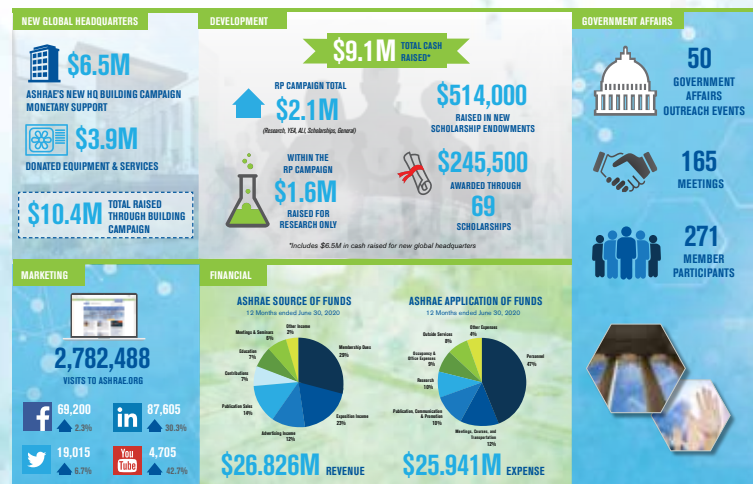
- ASHRAE Learning Institute, ASHRAE eLearning
- YEA Leadership Programs and Jobs
- Become ASHRAE Certified

## Presidential Address:

**Personal Growth. Global Impact. Feed the Roots.**

Who are the people that invested in you, encouraged you and helped you grow? Who will you give back to and invest in? "Personal Growth. Global Impact. Feed the Roots." explores ASHRAE's expansive root system from the Society's founding to its extraordinary global growth and impact to the built environment.

Three sets of roots were established to help members grow – member-to-member connections, grassroots chapters and regions, and technology. The presentation examines how ASHRAE cultivates these deep, widespread, and strong roots to collectively provide global benefits today as well as for future generations.





**Harmony Evolve Accessible Learn**

**H E A L**

**T H E M E**

This society year begins again in the ongoing pandemic. These unprecedented and challenging times have prepared us to move ahead in much more effective manner! We will continue doing most of our meeting in virtual mode and slowly move towards Hybrid mode respecting the decision of volunteers for their safety!

I would like to commence by thanking our Director & Regional Chair (**DRC**) **Dr Ahmed Alaa** for binding our Region- **REGION AT LARGE** and taking it to newer heights with 32 chapters and many other student chapters.

I am your **new DRC** from this society year and **feel privileged to work** with each one of you. I am based in New Delhi, India and have been in the HVAC industry from last 37 years and an ASHRAE member for 26 years. Currently I am engaged as a freelance HVAC and Energy consultant.

Your new **RMCR** is **Bassel Anbari** . He is a ASHRAE member since 1985 and working in the HVAC industries for over 37 years. Currently residing in the UAE providing engineered solutions to the construction industries.

The difficult times often insurmountable but a strong community spirit provides a protective shield that allows us to overcome the odds to the best we can. I hope that the vaccine is able to reach everyone and we are able to reach back to normalcy. I continue to pray to Lord Almighty for the good health of everyone and **HEAL** the world!



*Dr. Ahmed Alaa*  
DRC 2018-2021



*Richie Mittal*  
DRC 2021-2024



*Bassel Anbari*  
RMCR 2021-2024

Regards,  
Richie Mittal

# BYTES from the Leaders



*From **ASHRAE** Society President, Mr. Mick Schwedler*

Jen (my wife) and I have found that RAL has a feeling of working together, respect, and family – and this is in spite of the fact that it spans so many countries with multiple (and wonderful) cultures. From the first time we were with you in Sharm al Shaikh, to Amman, to the many virtual meetings this past year we have always felt welcomed and valued. Thank you.

As Dr. Alaa stated during the recent RAL planning meeting, this is because everyone is concentrating on what is good for everyone else, and people are not concerned about personal recognition. It is an honor and privilege to serve with all of you.

*From **ASHRAE** Society President Elect, Mr. Farooq Mehboob*

Dear Colleagues,

As ever Ashrae is focused on serving our members in the best possible way. Our President Mick Schwedler's Society theme is 'Feed the Roots' a cause near and dear to our hearts. participation of grassroots members in society matters is vital to realizing the true potential of ASHRAE. I urge you to nominate yourself for service on committees and councils and participate to realize our vision.



Lots of exciting things are happening in our Society. We are on the way to restructuring the ASHRAE ASSOCIATE SOCIETIES ALLIANCE and deepening our collaboration with our associate societies.

A new task force for Building Decarbonization and Vision 2030 has been formed with the goal of developing technical resources and providing leadership and guidance in mitigating the negative carbon impact of buildings on the environment and the inhabitants of our planet.

The society transformation Adhoc is on the way to finalizing plans for a digital transformation, Lean collaboration and forging new Connections as well as Streamlining the Society these efforts will go on over the next several years.

Join me on the journey to our bright new future.

*From **ASHRAE** RaI Past DRC, Dr. Ahmed Alaa*

ASHRAE



From **ASHRAE RAL DCR**, Mr. *Richie Mittal*  
ASHRAE



From **ASHRAE RAL RMCR**, Mr. *Bassel Anbari*

ASHRAE has been part of my life since 1985 and has significantly affected my career development through education, participation, contribution, networking, involvement on the chapter, regional, and society levels. I want to thank RAL previous DRCs and leadership for creating an atmosphere of inclusiveness, fellowship, collaboration, and teamwork.

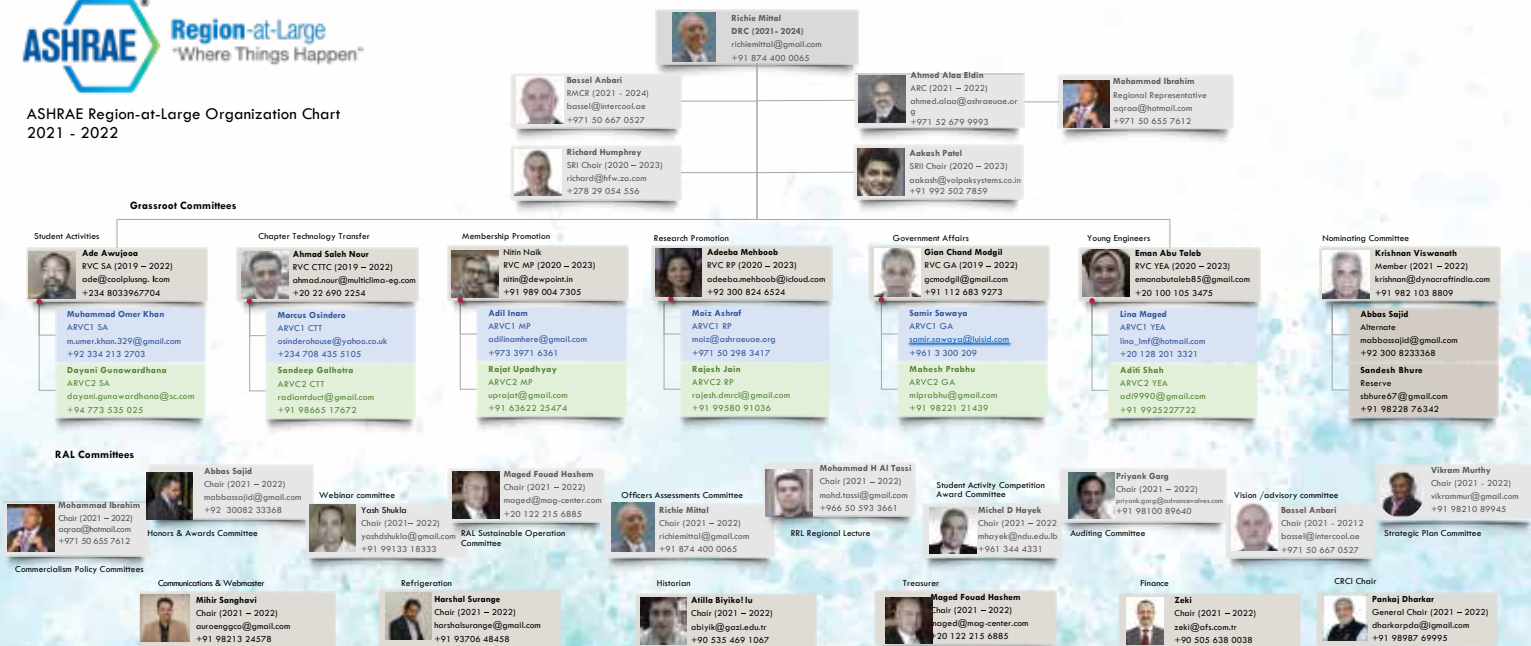
I am honored to serve ASHRAE and RAL members to build on what has been accomplished by our great leaders and achieve set goals by our DRC, Richie Mittal. I encourage all ASHRAE RAL members to join Standing Committees, Technical Committees, participate in chapter and regional activities, volunteer their time to learn and expand the knowledge, network, and get the full benefit of ASHRAE. I look forward to working with the chapter, regional, and society leadership to serve the Grassroots.



# Know your **RAL Officers**



ASHRAE Region-at-Large Organization Chart  
2021 - 2022



# ASHRAE RAL



**18 Countries**  
**32 Chapters**

## Chapters

### @SUB REGION 01

- Bahrain
- Egypt
  - Cairo
  - Alexandria
- Jordan
- Kuwait
- Lebanon
- Libya
- Nigeria
- Oman
- Pakistan
  - Northern Pakistan
  - Pakistan'
  - Faisalabad
  - Central Pakistan
- Qatar
- Saudi Arabia
- South Africa
- Sudan
- Turkey
- UAE

## Chapters

### @SUB REGION 02

- Bangladesh
- India
  - India
  - Western India
  - Mumbai
  - Deccan
  - Chennai
  - Bangalore
  - East India
  - Rajasthan
  - Chandigarh
  - Pune
- Sri Lanka



# Chapter

## President & President Elects

### Chapters

INDIA  
 CAIRO  
 WESTERN INDIA  
 KUWAIT  
 BANGALORE  
 SRI LANKAN  
 PAKISTAN  
 FALCON  
 N PAKISTAN  
 BAHRAIN  
 CHENNAI  
 PUNE  
 MUMBAI  
 C PAKISTAN  
 DECCAN  
 TURKISH  
 BANGLADESH  
 SOUTH AFRICA  
 PYRAMIDS  
 JORDAN  
 EAST INDIA  
 RAJASTHAN  
 CHANDIGARH  
 OMAN

### President

*Mr Abid Husain*  
*Miss Eman Mamdouh*  
*Dr Yashkumar Shukla*  
*Dr Abdulrahim Y Kalendar*  
*Mr Shilpan P Shah*  
*Miss Udaa S Perera Eng*  
*Mr Ahmed Khalid Gulzar*  
*Mr Mohamed Eltaieb Alagraa*  
*Mr Usman Tariq Chughtai*  
*Mr Mohammad Farhan*  
*Mr Balakrishnan Duraisamy*  
*Mr Pranav V Godbole*  
*Mr Rupesh Ramchandra Umtol*  
*Mr Abdul Rehman*  
*Mr Sreekanth Papineni*  
*Prof Atilla Biyikoglu*  
*Mr Kiriti Mitra*  
*Mr Akinbowale O Soluade*  
*Mr Maged Fouad Hashem*  
*Mr Ghassan Isam Al Ali*  
*Mr Dipak Barma*  
*Mr Rajiv S Saxena*  
*Mr Mukul Grover*  
*Mr Hashim Hilal Alkindi*

### President Elect.

*Mr Kanagaraj Ganesan*  
*Dr Hesham M Safwat*  
*Mr Manan Anilkumar Vora*  
*Mr Anoop Peediyakkan*  
*Mr Thimmaiah Nagaraja*  
*Mr Hiulet C Jayaweera*  
*Mr Muhammad O Khan*  
*Mr Liju Thomas Eapen*  
*Mr Shabab Qamar*  
*Mr Vinod Venugopal*  
  
*Mrs Anushree P. Riswadkar*  
*Ms Nivedita Jadhav*  
*Mr Muhammad Aamir*  
*Mr Mohammad Asif Basha*  
*Ahmet H Goksin*  
*Mr Md Hasmotuzzaman*  
*Mr Richard Owen Humphrey*  
*Mr Ahmad Saleh Nour*  
*Mr Rahi M Al Asad*  
*Mr Pallab Kar*  
*Mr Shailendra Kasera*  
*Mr Pankajj Sareen*  
*Mr Majid Ali Al Amri*



# ASHRAE Membership Application

Join online at [ashrae.org/join](http://ashrae.org/join).

Prices shown are valid from June 1, 2021 through May 30, 2022

## Who Are ASHRAE Members?

Members are represented by consulting engineers, mechanical contractors, building owners, employees of manufacturing companies, educational institutions, research organizations, government, architects, students or anyone concerned with HVAC&R for the built environment.

## Which Member Grade is Right for You?

ASHRAE has four grades of membership awarded to applicants based on their experience and participation in the industry.

### Full Member

**Regular \$230** | \*Developing Economy \$135

Available to anyone with 12 years or more ASHRAE approved experience in the HVAC&R industry.

### Associate Member

**Regular \$230** | \*Developing Economy \$135

Available to anyone with less than 12 years of ASHRAE approved experience in the HVAC&R industry.

### SmartStart: Student Transfer Program

**Regular \$25 first year, \$85 second, \$115 third**

\*Developing Economy \$15 first year, \$50 second, \$70 third

Program for current ASHRAE student members transferring to Associate member grade.

### Affiliate Member

**Regular \$60 first year, \$85 second, \$115**

**third** | \*Developing Economy \$35 first year, \$50 second, \$70 third

Affiliate grade is for individuals who are new to ASHRAE (no previous membership in ASHRAE) and are age 30 or younger.

### Student Member

**Regular \$25** | \*Developing Economy \$15

Designed for all students, at any level of study, who are considering a career in HVAC&R.

**\*Developing Economy Program:** Applicants who reside in a country categorized as "Low Income" and "Lower Middle Income" by the World Bank List of Economies statistics may select to participate in this program. Ensure your country qualifies by visiting [data.worldbank.org](http://data.worldbank.org).

Benefits	Full Member and Associate		Student and Affiliate	
	Regular	Developing Economy	Regular	Developing Economy
ASHRAE Journal (Monthly)	Yes	Digital Only	Yes	Digital Only
Select One Annual Benefit: ASHRAE Standard, eLearning Course, or Handbook PDF	Yes	Handbook PDF Only	No	No
Option to select additional Handbook Packages at discounted rate	Yes	No	Students: Yes Affiliates: No	No
Complimentary 12 month access to Handbook Online (new members)	Yes	No	No	No
Member Bookstore Discount	Yes	Yes	Yes	Yes
Member Access to Technology Portal	Yes	Yes	Yes	Yes
Conference Registration and Education Discounts	Yes	Yes	Yes	Yes
Networking at local, region and Society level	Yes	Yes	Yes	Yes
Hold Office and Vote at Chapter, Regional, and Society Level	Yes	Yes	No	No
Participate on Committees	Yes	Yes	Yes	Yes
HVAC&R Industry Newsletter	Yes	Yes	Yes	Yes
Free Online Access to Science & Technology for the Built Environment	Yes	Yes	Yes	Yes

Completed applications or questions can be sent to ASHRAE via

email: [membership@ashrae.org](mailto:membership@ashrae.org) | fax: 678-539-2129 | phone: 1-800-527-4723 or 404-636-8400

mail: 180 Technology Parkway, Peachtree Corners Ga, 30092



# ASHRAE Research

## Research and Your Health

ASHRAE Research is working in the health arena to help:

- Prevent more than 70,000 surgical site infections that occur each year
- Decrease the spread of airborne diseases
- Improving cancer treatment methods

## Research in Your Workplace

ASHRAE Research is learning more about how commercial buildings can:

- Conserve energy in hot and humid climates
- Select boilers for efficient heat use
- Allow drifting temperatures to save energy

## At Home and At School

ASHRAE Research is:

- Exploring whether temperature and air quality improve the performance
- Understanding the relationship between occupant health and ventilation rates
- Evaluating how food preservation is influenced by storage conditions

## Why You Should Contribute to ASHRAE Research

How is ASHRAE Research Utilized?

- Papers reporting results of projects are presented at ASHRAE meetings and published in ASHRAE Transactions or ASHRAE's HVAC&R Research Journal
- Projects of interest to a wide audience are described in articles published in the ASHRAE Journal
- Results are used to update the annual volumes of the ASHRAE Handbook
- Subjects that have extensive use/popularity in the HVAC&R field are published as special publications, such as:
  - Cooling and Heating Load Calculation Manual
  - Design of Smoke Control Systems for Buildings
  - Design Guide for Cool Thermal Storage
  - Air Conditioning Systems Design Manual

ASHRAE Research is essential to updates that are made to the Society's standards and guidelines, which provide uniform methods of testing for rating purposes. The standards and guidelines suggest safe practices for design and installation and provide other information which guides the industry. There are currently more than 100 ASHRAE standards and guidelines. These are available in the online bookstore.



# Communication Committee



Stay Connected with **ASHRAE RAL**



<https://tinyurl.com/RALTwitter>



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<https://tinyurl.com/RALlinkedin>



<https://tinyurl.com/RALinsta>



@gmail.com



<http://ashraeral.org/>



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**Stay Healthy, Stay Safe!**

NewsLetter Editor:  
**Money Khanna**