

HISTORIAN COMMITTEE

SEMINARS AND EVENTS

HISTOIRAN
ASHRAE PYRAMIDS CHAPTER | 2020-2021

RAL Sub Regions Meetings “ASHRAE RAL Sub Regions Virtual Meeting 2020”

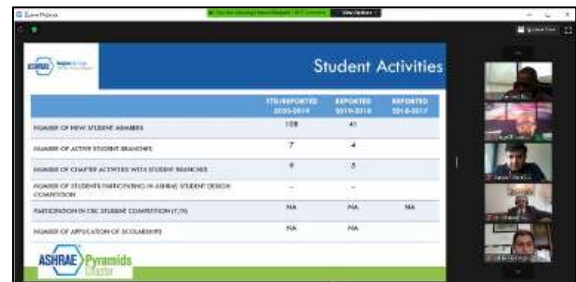


- ❖ Date: July (10th,11th,12th,13th), 2020 / Place: Zoom Platform
- ❖ Organized by: ASHRAE Region At Large (RAL)

❖ Agenda:	1. Chapters reports (Sub Region I & II)	
	2. RVCs reports	
	3. Social Virtual Interface	
❖ Attendances	1. Eng. Maged Fouad	2. Eng. Ahmad Bolbol
	3. Prof. Dr. Ahmed M. Fahem	4. Eng. Fady Mourad
	5. Eng. Ahmed Nour	6. Eng. Maria Morgan
	7. Eng. Ali Yassin	8. Eng. Mohmed Seif ElNasr
	9. Eng. Lina Maged	10. Eng. Mohamed Ali
	11. Eng. Ragda Ahmed	12. Eng. Ahmed Salah
	13. Eng. Esraa Mehany	14. Eng. Nadia Ali
	15. Dr. Ahmed F. ElSafty	



Eng. Ahmad Saleh Nour RVC CTTC (2019 –2022)

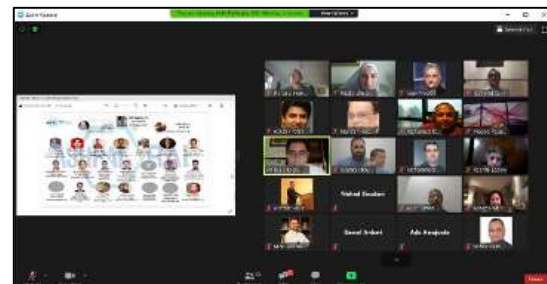


	REPORTED 2019-2020	REPORTED 2020-2021
NUMBER OF NEW STUDENT ADVISORS	109	41
NUMBER OF ACTIVE STUDENT ADVISORS	7	4
NUMBER OF CHAPTER ACTIVITIES WITH STUDENT BRANCHES	9	5
NUMBER OF STUDENTS PARTICIPATING IN ASHRAE STUDENT DESIGN COMPETITION	—	—
NUMBER OF STUDENTS PARTICIPATING IN ASHRAE STUDENT DESIGN COMPETITION (IT/IT)	N/A	N/A
NUMBER OF APPLICATIONS OF SCOLARSHIPS	N/A	N/A

Pyramids Chapter reports (Sub Region I)



Eng. Maged Fouad Hashem (2020 –2021) RAL Sustainable Operation Committee and Treasurer Chair



Dr. Atilla Biyikoğlu Chair (2020 –2021) RAL Historian

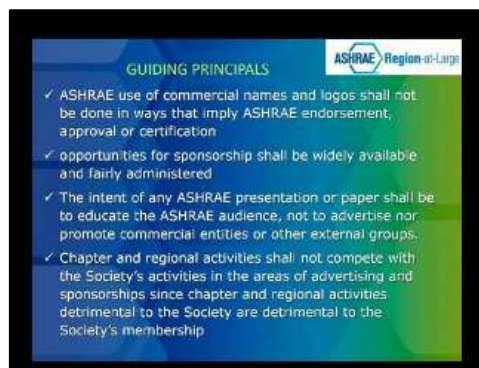


ASHRAE RAL Commercialism Policy Guidelines Training



- ❖ Date: July (18th), 2020
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Region At Large (RAL)

❖ Agenda:	• Introduction to RAL Commercialism Policy Committee and objectives	• Presentation Protocols
	• Definition of Commercialism	• Procedure
	• Guiding principal	• Violations
	• Acceptable applications	• Examples
	• Unacceptable applications	• Tracking



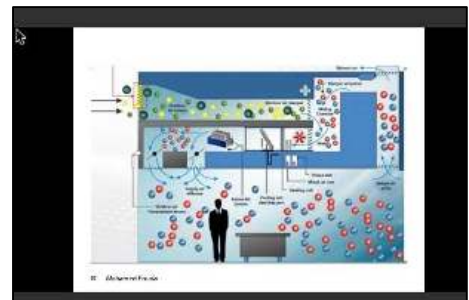
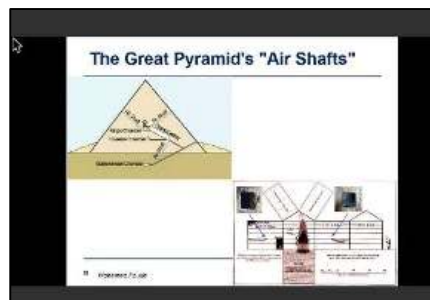
Training conducted by Bassel Anbari, Chair of CP.

Technical Webinar “Covid-19 A practical Solution For Non-Healthcare Facilities”

- ❖ Date: July (11th), 2020
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Moderator by: Eng. Fady Kamal
- ❖ Present by: Eng. Mohamed Fouada
 - 1- A mechanical engineer
 - 2- Job experience:
 - i. With more than 25 years of extensive HVAC technical and Business management experience around globe and working with carrier, Trane, Johnson controls
 - ii. Handling the Middle east, India and Africa regions
 - iii. Regional refrigeration expert engaged with UNEP ROWA (United Nation Environmental Program Region of West Asia)
 - iv. Conducted many technical sessions across middle east.



Eng. Mohamed Fouada during the webinar with about 120 members participate from different





MP

Membership Promotion International Centralized Training

- ❖ Date: August (1th), 2020
- ❖ Place: Go To Webinar
- ❖ Organized by: ASHRAE



- ❖ Attendance: MP Chair, Co-Chairs and MP Chapter Committee Members
- ❖ Benefits:
 - Ready for a new exciting membership year.
 - Know how to quickly and efficiently complete membership campaigns, monthly tasks, automate communications, locate resources,
 - Give the tools necessary to tackle the big important membership challenges of the chapter.



Multi-Chapters Collaboration Webinar: "Design – Build – Operate – Maintain: What could possibly go wrong?"

- ❖ Date: August (7th), 2020
- ❖ Place: Go To Webinar
- ❖ Organized by: ASHRAE Region At Large (RAL) and
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Present by: Mr. Chuck Gullledge - ASHRAE President (2020-2021)

Organized By: In Association with:

Topic- **Design-Build-Operate-Maintain: What Could Possibly Go Wrong?** Supported by:

7th August 2020 (Friday)
6:00 PM IST

Charles E. Gullledge III, PE, HBDP, LEED AP is the ASHRAE President 2020-21. Mr. Gullledge is a Senior Mechanical Engineer with the design/build firm of Environmental Air Systems, LLC in High Point, NC. He has over 34 years of experience in the HVAC industry.

He has served on various roles in ASHRAE i.e., Treasurer, Vice-President, Executive Committee, Director-at-Large and the Board of Directors. Mr. Gullledge has presented multiple presentations on the Integrated Design Topic as an ASHRAE Distinguished Lecturer and an ASHRAE Learning Institute (ALI) Instructor.

He has served as member of the Handbook Committee, CTTC-RVC for Region IV, President of the North Piedmont Chapter, and as the ASHRAE Liaison to the Construction Specifications Institute (CSI). Gullledge has received the Exceptional Service Award, Distinguished Service Award, Regional Award of Merit, Chapter Service Award, and the Dan Mills Technical Award.

Mr. President
Charles E. Gullledge, III, P.E.
ASHRAE President (2020-21)
ASHRAE Distinguished Lecturer
Senior Mechanical Engineer
Environmental Air Systems, LLC
Greensboro, United States

Register & Join through-
<https://tinyurl.com/chuckashrae>

Theme for ASHRAE SY 2020-21
"The ASHRAE Digital Lighthouse and Industry 4.0."
Gullledge's theme focuses on reimagining the building industry and ASHRAE's place in it by integrating not only industry segments, but also technology.

Best Regards,
Team ASHRAE CHANDIGARH CHAPTER

For any queries, send your email at ashrae.chd@gmail.com
Join ASHRAE Today - <https://join.ashrae.org>

Chapters Collaboration DL Webinar “Sustainable HVAC Designs for Green Buildings”

- ❖ Date: August (14th), 2020
- ❖ Place: Go To Webinar
- ❖ Organized by: ASHRAE Region At Large (RAL)
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Present by: Dr. Chandana N. Dalugoda

Course Description

Sustainable HVAC Designs for Green Buildings

Green buildings are more and more popular in the present day for reducing energy in buildings. Green building certification such as LEED of USGBC & ASHRAE Green building standard 189.1 has become prime tools for achieving green building status.

This presentation provides an overview of how to achieve sustainable HVAC designs for Green Buildings by complying with ASHRAE Standards 90.1, 189.1, 62.1, & 55.



ASHRAE Cairo Chapter



ASHRAE Rajasthan Chapter



ASHRAE Pyramids Chapter

VIRTUAL DL PRESENTATION

SUSTAINABLE HVAC DESIGNS FOR GREEN BUILDINGS

Friday: Aug 14, 2020
6:30 PM IST
3:00 PM EET

Chandana N. Dalugoda, C.Eng
ASHRAE DL
Managing Partner
Chandana Dalugoda
Consultants, Sri Lanka



Building Certification System for Energy Conservation

World map showing countries using the four predominate ranking systems



Legend:

- LEED
- BREEAM
- Green Star
- Green Mark

Building Certification Systems helps to achieve sustainability. Figure above show world leading certification bodies operating in whole world.

LEED Assessment



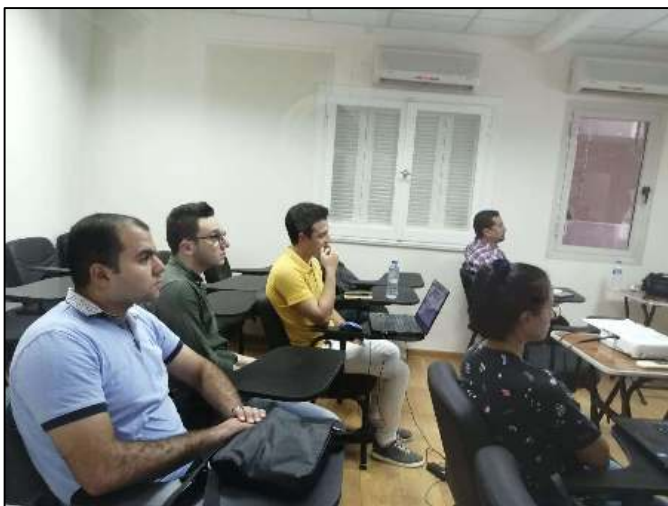

LEED Rating Systems

Rating systems are groups of requirements for projects that want to achieve LEED certification. Each group is geared towards the unique needs of a project or building type. LEED is flexible enough to apply to all project types including healthcare facilities, schools, homes and even entire neighbourhoods.

CERTIFIED	SILVER	GOLD	PLATINUM
40-49 Points	50-59 Points	60-79 Points	80+ Points

One day Workshop “Programs: Danfoss and Copeland”

- ❖ Date: August 28th,2020
- ❖ Place: Pyramids Chapter Headquarter
- ❖ Organized by: Chapters CTTC Committee
- ❖ Present by: Eng. Mohamed Seif ElNasr



Eng. Mohamed Seif El-Nasr with the participants of the workshop that reaches 5 members students of HBRC Students branch



Meet ASHRAE President “14 Hours around ASHRAE RAL”



- ❖ Date: August (29th), 2020
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Region At Large (RAL)
- ❖ Chapter Panelists:

Eng. Lina Maged and Eng. Salma A. Medhat during preparation of Pyramids Chapter Slideshow and Video @chapter headquarter

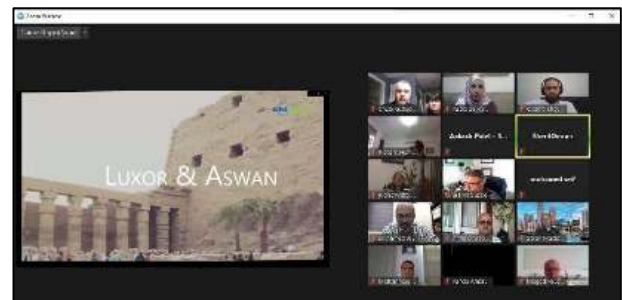
❖ Eng. Maged Fouad	Pyramids Chapter Founder, President 2020-2021 & RAL Treasurer
❖ Eng. Ahmed Abdel Ghani	BOG & Past president 2018-2019
❖ Prof. Dr. Ahmed M. Fahem	BOG & immediate Past President 2019-2020.
❖ Eng. Ahmed Nour	BOG, President Elect & RAL RVC CTT
❖ Dr. Ahmed F. ElSafty	BOG, SA Chair & nominated ASHRAE Alexandria chapter President to be launched in a couple of months”.



Group photo with ASHRAE President Mr Charles (Chuck) Guldge ASHRAE Pyramids Chapter panelists and attendees around (25members)



Eng. Maged Fouad Hashem Chapter president (2020 –2021) during his speech

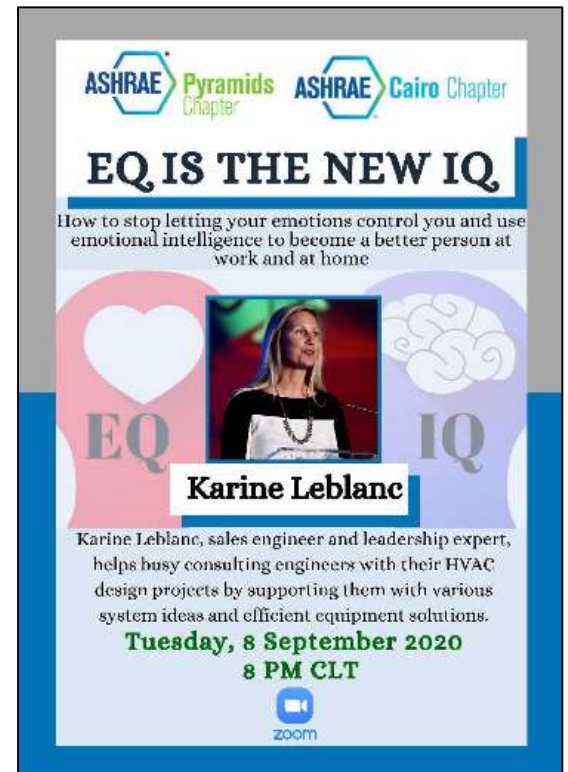


Part of Pyramids Chapter Slideshow and Video under titles: (Pyramids Chapter’s activities slideshow with voiceover and mini cultural video beside Pyramids Chapter Geographical & Cultural Video)

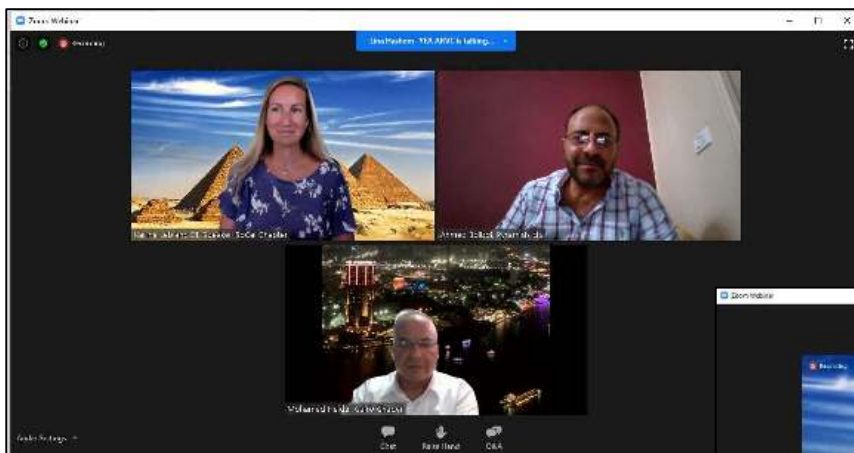


Multi-Chapters Collaboration Non-Technical DL Webinar “How to use EQ to become a better person professionally and personally”

- ❖ Date: September (8th), 2020
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Moderator by:
 - 1- Eng. Lina Maged Fouad
 - 2- Eng. Ahmed Bollbol
- ❖ Present by: Mrs. Karine Leblanc
 - She has served on the ASHRAE Society Board of Directors, (a 57,000-member trade association) from 2014-2017 and became the first female Region X Director Regional Chair since 1959.
 - She has received the ASHRAE Distinguished Service award and was awarded an honorary medal as part of the 50th anniversary of the University of Quebec for her exceptional



contribution to the university. She is now serving as the President-elect of the National Speakers Association Los Angeles Chapter.



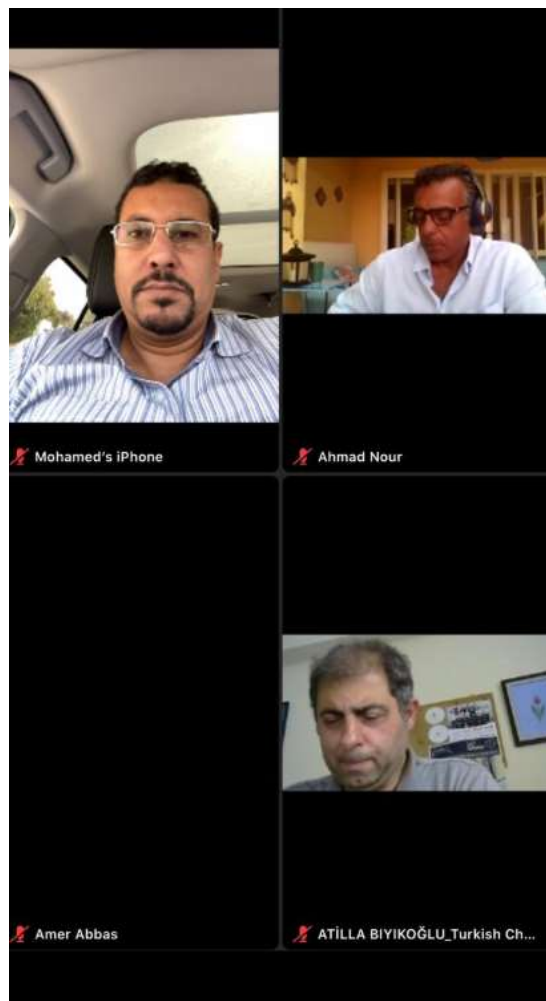
Mrs. Karine Leblanc during the webinar with about 60 members participate from different chapters





Workshop “CTT Activities”

- ❖ Date: September (10th), 2020
- ❖ Place: Zoom platform
- ❖ Organized by: ASHRAE Pyramids Chapter CTT Committee
- ❖ Agenda:

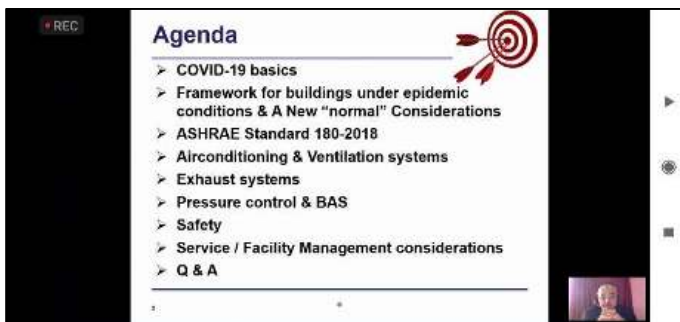


Multi-Chapters Collaboration Technical Webinar “Covid-19 the “New Normal” HVAC System Service & Operation”

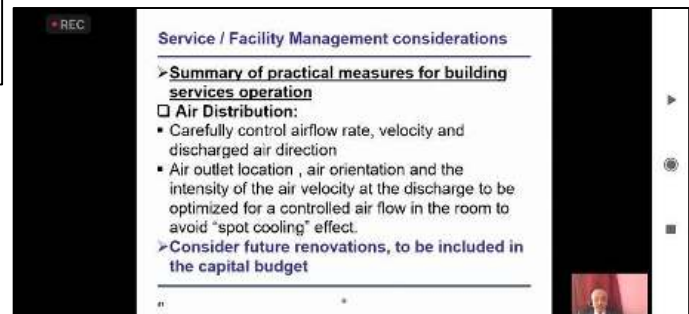
- ❖ Date: September (19th), 2020
- ❖ Place: Zoom Platform
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Moderator by: Eng. Fady Kamal
- ❖ Present by: Eng. Mohamed Fouda
- ❖ Sponsor: Rockal
- ❖ Link on Facebook

<https://www.facebook.com/ashraepyramids>

- ❖ Agenda:
 - Framework for buildings under epidemic conditions & “A New Normal” Considerations
 - Service / Facility Management considerations
 - ASHRAE Standard 180-2018
 - Safety



Eng. Mohamed Fouda during the webinar with about 101 members participate from different chapters



Non-Technical seminar “Choose Your Own Path 2020”

- ❖ Date: September (20th), 2020
- ❖ Place: Pyramids chapter headquarter
- ❖ Organized by: ASHRAE Pyramids chapter CTT committee
- ❖ Present by: Eng. Ahmed Nour
 - RAL RVC CTTC
 - ASHREA Pyramids chapter President Elec. and BOG




ASHRAE PYRAMIDS CHAPTER PRESENTS

CHOOSE YOUR OWN PATH 2020

Advising and Career Orientation lecture for final year mechanical engineering students and fresh-graduates interested in the HVAC field

SEPTEMBER 20, 2020
7 PM - 9 PM
ASHRAE PYRAMIDS CHAPTER HQ
 (No fees)

Start creating a vision for yourself, your life, and your career. Your future begins today.

Presented by:
 Eng. Ahmed Nour
 RAL RVC CTTC
 BOG member - President elect

info@ashraepramids.org <https://ashraepramids.org/>
 ASHRAE Pyramids Chapter HQ: 7 Al Nakhal st., Dokki - Giza

Eng. Ahmed Nour with about 8 members participate of final year mechanical engineers' students and fresh graduate interested in HVAC

3days Workshop “The Design of Water Systems”

- ❖ Date: September (24th-25th-26th), 2020
- ❖ Place: Pyramids Chapter Headquarter
- ❖ Organized by: ASHRAE Pyramids Chapters CTTC Committee
- ❖ Present by: Dr. Ahmed F. ElSafty
- ❖ Objective: develop an understanding of the basic concepts of Hydronic system operation and design including piping systems, pipe materials and fittings, centrifugal pumps, terminal units, expansion tanks and water chillers.
- ❖ What You Will Learn:
 - The components of closed and open Hydronic systems
 - The basic concepts of piping system design
 - The different types of pipe used in Hydronic systems
 - How centrifugal pumps operate How to match pumps to systems
 - What variables are involved in terminal unit control?
 - How to optimize water chiller operation
- ❖ Course Outline:
 1. Introduction for air conditioning
 - What is air conditioning?
 - Factors affecting thermal comfort.
 - Psychrometric chart and processes.
 2. Indoor and outdoor design conditions
 - Comfortable zone - Load estimations - Fresh air requirements.
 - Performance analysis versus outdoor conditions.
 3. Outside load estimation (sensible and latent)
 - Transmission load Estimations - Solar load estimation - Equipment load and Persons load.
 4. Air conditioning systems
 - Unitary systems - VRV & VRF - Air Conditioning Central Systems
 - All Air systems [CAV and VAV systems]
 - All water Systems - Air Water systems
 - How to select the suitable system?
 5. Hydronic Design and Selection
 - Pipes and fittings - Pumps- Pressurization - Pipe design
 - Direct and indirect Hydronic systems



Dr. Ahmed F. Elsafty with about 17 pyramids chapter members participated for the workshop

6. HVAC Chillers

- Types of Chillers - Reciprocating - Rotary - Screw - Scroll - Centrifugal
- Chiller load estimation.
- Air cooled condenser-water cooled condenser.



From right to left: (picture1)- Dr. Ahmed F. Elsafty and Eng. Ahmed Bolbol
(picture2) Eng. Ahmed Bolbol with the attendees members for ASHRAE Awareness and membership benefits



Dr. Ahmed F. Elsafty at 2nd day with the attendees



Organization team from left to right: Mrs. Niverte Morsi, Eng. Sarah Ahmed Medhat, Eng. Salma Ahmed Medhat, Eng. Nihal Talaat and Eng. Ashrakat Gaber



Dr. Ahmed F. Elsafty at 3rd day for celebration and appreciation for the attendees

Refrigeration Sight site

- ❖ Date: September (24th), 2020
- ❖ Place: The desert road Cairo/Alexandria
- ❖ Objective: Sight site visit to: Cold store and packing house for vegetables before startup insulation
- ❖ Agenda:
 - Check before start up Installation
 - Check Rack system R404 for cold rooms
 - Check Chillers for packing houses and other buildings
 - Check Ammonia compressors for freezing



Refrigeration Sight site

- ❖ Date: September (25th), 2020
- ❖ Place: large cold stores in Egypt
- ❖ objective: Sight site visit for Compressor's replacement and rehabilitation





Multi-Chapters Collaboration Technical Webinar “Thermal Insulation Systems for Energy Efficient Green Buildings”

- ❖ Date: September (26th), 2020
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Present by: Mr. K.K.Mitra
- ❖ Sponsor: M/s. Zamil Air conditioners.

Organized By



In Association With



Thermal Insulation System for Energy Efficient Green Buildings



Mr. K.K. Mitra
President, Lloyd Insulations,
Past President-ASHRAE India,
RAL regional Lecturer,
President Elect, ISHRAE-Delhi

Mr. Krishna Kumar Mitra is a Science Graduate with Post Graduation and Master in Business Administration. Has over 31 years of experience in the field of Thermal Insulation.

Has been member of the Core Committee of Experts for drafting Energy Conservation Building Code of India 2007 and presently member of various committees of Thermal Insulation at Bureau of Indian Standards, Govt. of India. Is a member of technical committee for standardization of Cold Store specifications by National Horticulture Board / National Centre for Cold Chain Development, Govt. of India and Acoustical Society of India.

Previously in 2017 presented paper on Building Insulation during ASHRAE Winter Conference at Las Vegas. Had attended Cold Storage training program at Paris organized by NCCD and Insulation Training program at Mitsubishi Heavy Industries, Naetsu Japan. Also visits Educational Institutes / Colleges regularly to deliver lectures on Thermal Insulation System for Green and Energy Efficient Buildings.

Date - 26th September 2020, Saturday
Time - 5 PM Bahrain Time
6 PM Dubai Time
7.30 PM Indian Time

Webinar Sponsor



Please register at <https://attendee.gotowebinar.com/register/8233514013937326351>



Technical DL Webinar “Applied Psychometrics for Air Conditioning Systems”

- ❖ Date: October (6th), 2020
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Moderator by: Eng. Fady Kamal
- ❖ Present by: Eng. Chandana N. Dalugoda C.
- ❖ Sponsor: Rockal.

The poster is for a webinar titled "Applied Psychometrics for Air Conditioning Systems" by Chandana N. Dalugoda C.Eng. It features the ASHRAE Pyramids Chapter logo at the top left and a circular portrait of the speaker on the top right. The text describes the webinar's content, which includes understanding the psychrometric chart and discussing basic psychrometric processes. It also lists the speaker's credentials and the webinar's date and time. The Rockal logo is at the bottom right.

ASHRAE Pyramids Chapter

Applied Psychometrics for Air Conditioning Systems

By: Chandana N. Dalugoda C.Eng

Firstly understanding the basic contents of the psychrometric chart and then discuss the basic psychrometric processes. A detailed Psychrometric approach is carried out utilizing the data available from cooling load calculations to determine the coil conditions and selection of the air conditioner. All fresh air, high latent load and humidity control applications are discussed. Importance of Sensible heat ratio is discussed and distinguishes the defense between high & low sensible heat applications. This presentation is suitable for young as well as experienced engineers that provide basic knowledge of Psychrometry and its applications in practice.

ABOUT THE SPEAKER

- ASHRAE DL
- Managing Partner Chandana Dalugoda Consultants, Srilanka
- Chartered Mechanical Engineer
- Certified Building Services Engineer
- Fellow of the Institution of Engineers Sri Lanka

6:00 PM CLT

TUESDAY, 6 OCTOBER

Sponsored By

ROCKAL

AT KALANA FOR ROCKAL WATER CO. - QUALITY ENGINEERING & DESIGN



Chapters Supports “How could Sudan chapter compose their committees at their new chapter?”

- ❖ Date: October (11th), 2020
- ❖ Place: Zoom platform
- ❖ Organized by: ASHRAE Region At Large (RAL)
- ❖ Present by: Committee Chair of Pyramids Chapter

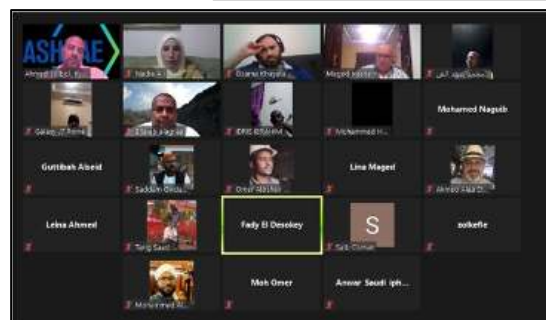
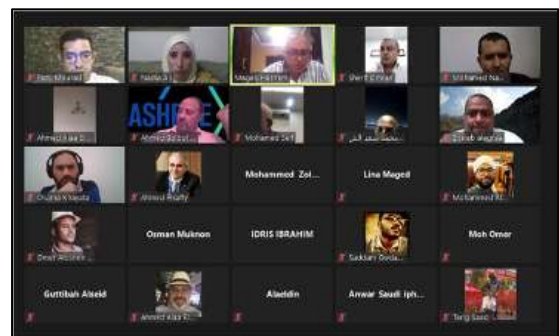


ECC “Electronic communication committee” (Eng. Fady Kamal)	"Refrigeration committee" (Eng. Mohamed Seif El-Nasr)
MP "member ship committee" (Eng. Ahmed bolbol)	CTTC "Technology transfer committee" (Eng Shierf Omran)
GA "Governmental affairs committee" (Eng. Fady Mourad)	YEA "Young Engineer in ASHRAE committee" (Eng. Lina Maged)
SA "Students activities committee" (Dr. Ahmed f. Elsafty)	"Historical committee" (Eng. Nadia Ali)
RP "Research Promotion committee" (Eng. Mohamed Nagiub)	

- ❖ Agenda: Summary or quick presentation about pyramids chapter committees and activities, structure...etc either verbally or with a brief slide to Sudan Chapter.



Eng. Maged Fouad Hashem Chair (2020–2021)
RAL Sustainable Operation Committee and
Treasurer and Pyramids chapter president during
explaining the benefits and committees in general



Group photo with
ASHRAE RAL DRC,
ASHRAE Pyramids
Chapter and ASHRAE
Pyramids Chapter
panelists and
attendees around
(40 members)



Technical DL Webinar “Fundamentals of ASHRAE Standard 55: Thermal Environmental conditions for human Occupancy”

- ❖ Date: October (14th), 2020
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Moderator by: Eng. Ahmed Emad Hamdy and Eng. Fady Kamal
- ❖ Present by: Dr. Robert Bean
- ❖ Sponsor: Rockal.

A promotional poster for a webinar. At the top is the ASHRAE Pyramids Chapter logo. Below it, the text "PRESENTS" is centered. The main title is "Fundamentals of ASHRAE Standard 55: Thermal Environmental Conditions for Human Occupancy". Below the title, it says "SPONSORED BY: ROCKAL" with the Rockal logo. The presenter is "By: Robert Bean, R.E.T., P.L. (Eng.)", accompanied by a circular portrait of him. A paragraph of text describes his background: "Robert Bean is director of www.healthyheating.com, and founder of Indoor Climate Consultants Inc. He is a retired engineering technology professional (ASET and APEGA) who specialized in the design of indoor environments and high performance building systems. Bean is a third term ASHRAE Distinguished Lecturer, recipient of the Lou Flagg Award, Distinguished Service Award and instructor for the ASHRAE Learning Institute. He has authored many papers, articles and course curriculums and serves on numerous technical committees related to indoor environmental quality, building and energy systems. His motto is, 'Design for people, good buildings follow.'" The date and time are "Wednesday, 14 October 2020 6:00 PM CLT" with a Zoom icon. At the bottom, a paragraph states: "Based on the instructor's over 15 years of publically polling industry, surveys reveal only 1.5% of industry is capable of using of one of ASHRAE's oldest and most powerful standards to its fullest potential. Participation in this course will equip members with an understanding of the fundamentals in ASHRAE Standard 55 and how these should be applied in the design and operation of buildings."



Dr. Robert Bean during the webinar with about 74 members participate from different chapters

YEA YLI “Young Engineer in ASHRAE Leadership International 2020”

- ❖ Date: October (16th-17th-18th), 2020
- ❖ Place: Digital – Zoom Platform
- ❖ Presented by: Tricia Evans
- ❖ Aim: opportunity for the future leaders of ASHRAE to learn more about Society, develop soft skills, and network with other young professionals.
- ❖ Titles:

1. LEADERSHIP DURING & POST CORONAVIRUS

- Get clear on what makes a Leader effective in 2020 & beyond
- Identify your non-negotiables & values
- Understand the context you're operating in

2. PERSONALITIES, PROGRESS & TEAM DYNAMICS

- Understand what works & doesn't about your leadership style
- Learn how to lead people very different from you
- Understand the power of teams & the impact of how you currently work

3. YOUR PERSONAL LEADERSHIP BRAND

- Recognize the essence of your personal leadership style
- Use LinkedIn to position yourself online



Eng. Ahmed Emad Hamdy from Pyramids Chapter among the participants from different chapters



Multi-Chapters Collaboration Technical Webinar “HVAC Systems Design for Airborne Infection Control Spaces in Healthcare Facilities”

- ❖ Date: October (16th), 2020
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Presented by: Mr. Wei Sun

HVAC Systems Design for Airborne Infection Control Spaces in Healthcare Facilities

Speaker
Wei Sun
President
(Engsysco, Inc.)

Join & be a part in ASHRAE
<https://www.ashrae.org/membership/join>

Follow us:

Oct 16, 2020
 6:30 PM IST
 3:00 PM (Egypt)

Mr. Sun is an ASHRAE Fellow, he served as the Chairman of ASHRAE Technical Committee TC9.11 (Clean Spaces) from 2007-2010. He is also a member of ASHRAE Technical Committees TC9.6 (Healthcare Facilities) and TC9.10 (Laboratory Systems). As the Principal Author, his 450-page new technical book “ASHRAE Design Guide for Cleanrooms” was published in 2017, he led over 20 co-authors and spent 6 years to accomplish this major achievement. Mr. Sun received his BSME from University of Shanghai for Science and Technology in China in 1985. In 1989 he was awarded with an academic scholarship from University of Kentucky and then received his MSAE degree from University of Kentucky in 1992. Since then Mr. Sun has been working in the US as a consulting engineer for 28 years in building mechanical systems design, HVAC, consulting, training and research. He is a registered Professional Engineer in many states in the United States. Mr. Sun has served as a research program/proposals reviewer for US NIOSH/CDC and DOE. In 2010 he served as the ASHRAE Society’s “Technology Awards Judging Panel” Chair. Mr. Sun is the recipient of ASHRAE Dan Mills Award for Technology Transfer in 2006, IEST’s Willis Whitfield Award in 2016, and Robert Mielke Award in 2017, and an ASHRAE Distinguished Lecturer (DL) since 2009

Registration link: <https://attendee.gotowebinar.com/register/6969558326500473099>

RSVP

Tejesh Bagul
(CTTC Chair,
ASHRAE Pune Chapter)
95528 83838

Shailendra Kasera
(Vice President,
ASHRAE Rajasthan Chapter)
99831 44773

HVAC Systems Design for Airborne Infection Control Spaces in Healthcare Facilities

The presentation starts with the US guidelines and standards of Healthcare Facilities Design, then it discusses the typical environment-controlled spaces, such as operating room (operation theatre), infection isolation room, protective environments and critical-care room. It further discusses architectural considerations, temperature and humidity controls, ventilation requirements, HVAC air-handling systems, flow diagrams, pressurization, filtrations and UV treatment, as well as water-borne microbial contamination control, etc. Comparison with European standards and practices in these infection control spaces is also provided. Many design samples and photos are included.

Note: COVID-19 - Always keep in mind SMS (S - Follow Social Distancing, M - Wear Mask, S - Use Sanitizer) Stay Safe and Healthy.

The webinar got about 443 members participate from different chapters



Multi-Chapters Collaboration Technical DL Webinar “HVAC Rules of thumbs for trouble shooting”

- ❖ Date: October (24th), 2020
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Moderator by: Eng. Ahmed Emad Hamdy
- ❖ Present by: Eng. Erich Binder – ASHRAE DL
- ❖ Sponsor: MAG Group.



Organized By



Sponsored By



HVAC Rules of Thumbs for Trouble Shooting

This presentation will provide some common HVAC&R Rules of Thumb for Trouble Shooting HVAC&R Systems.

- Rules of Thumb are abbreviated short cuts, time savers, and approximations.
- Each is a quick estimation of what most systems should do most of the time, but remember that none of these numbers are infallible.
- Technicians and engineers, can benefit from using Rules of Thumbs for estimating and solving operational problems.



Saturday, 24 October

6:00 PM CLT



By: Eng. Erich Binder

Erich Binder is an independent engineering consultant with an extensive experience in the sustainable design of Commercial, Institutional, Industrial, & Cold Climate, Heating Ventilation & Air Conditioning (HVAC), Plumbing, Fire Suppression & Specialty Mechanical Systems engineering. Erich has also a Certified Risk Manager with over 20 years of Process Safety, Loss Prevention, Industrial Hygiene, Health & Safety Engineering and Auditing experience.

- Society Director at Large - ASHRAE
- Past Society Director and Regional Chair - ASHRAE Region XI
- Chairman - ASHRAE Cold Climate Design Conference
- Author Industrial HVAC Design Guide - Basics of industrial HVAC - 101



Eng. Erich during the webinar with about 90 members participate from chapters



ASHRAE RAL 1st MP Quarterly Meeting

- ❖ Date: October (24th), 2020
- ❖ Place: Zoom Platform
- ❖ Event Topic: 1st Membership Quarterly meeting
RAL (Sub Region 1)
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Region At Large (RAL)



1 ST MP QUARTERLY REVIEW 2020 FOR – RAL								
PYRAMIDS CHAPTER OBSERVATION • Excellent growth observed • Good MP committee strength • To focus on unpaid members • Member advancement needs focus • H&A – no nominations								
 <table border="1"> <thead> <tr> <th>MP Chair</th><th>Co Chair</th><th>MP Committee</th></tr> </thead> <tbody> <tr> <td>1</td><td>2</td><td>4</td></tr> </tbody> </table>			MP Chair	Co Chair	MP Committee	1	2	4
MP Chair	Co Chair	MP Committee						
1	2	4						
Sr. No.	Chapter Name	Numbers						
	PYRAMIDS							
1	Area Assigned Members	75						
2	Active Members	93						
3	Grace Members	14						
4	Paid Members	74						
5	Unpaid Members	34						
6	Affiliate	13						
7	Associate	36						
8	PAOE Points	425						
9	H & A	??						
10	Centralized Training	No						
11	Int Centralized Training	Yes						

MP Statues and Review with the participation of SR1 and ASHRAE Pyramids Chapter member

Eng. Ahmed Bolbol (MP chair) Dr. Sahar Elhussiny (member) Eng. Mohamed Amer (member) Eng. Ashrakat Gaber (MP Co-Chair) Eng. Ragda Ahmed (MP Co-Chair)



3days Workshop “The Design of Air Systems”

- ❖ Date: October (29th-30th-31th), 2020
- ❖ Place: Pyramids Chapter Headquarter
- ❖ Organized by: ASHRAE Pyramids Chapters and CTTC Committee
- ❖ Present by: Dr. Ahmed F. ElSafty
- ❖ Objective: understand of the basic concepts of HVAC air distribution system operation and design including duct systems, Fan and AHU selection, Air outlets, IAQ and Filters.
- ❖ What You Will Learn: After completing the course, you should know:
 - The principles of air distribution as they relate to human comfort
 - The functions of the components of an air distribution system, including major types and auxiliary equipment
 - The codes and standards affecting air system design
 - How to lay out and size a simple duct system and calculate pressure losses in the system
- ❖ Course Outline:
 - 1- Introduction for air conditioning
 - What is air conditioning?
 - Factors affecting thermal comfort.
 - Psychrometric chart and processes.
 - 2- Indoor and outdoor design conditions
 - Comfortable zone - Load estimations - Fresh air requirements.
 - Performance analysis versus outdoor conditions.
 - 3- load estimation (sensible and latent)
 - Transmission load Estimations - Solar load estimation - Equipment load and Persons load.
 - 4- Air conditioning systems
 - Unitary systems - VRF & VAV - Air Conditioning Central Systems
 - All Air systems [CAV and VAV systems]
 - All water Systems - Air Water systems
 - How to select the suitable system?
 - 5- Air distribution systems
 - Duct types
 - Duct design
 - 6- Air Systems Components Design and selection
 - Air Movers and Fan Selection
 - Air Outlets
 - Air Filters –

- AHU types and selection.
- Air intake and exhaust louvers,
- sound absorbers,
- filters.

7. Air System Auxiliary Components

- Dampers, air filters, humidifiers, duct heaters
- duct insulation.

8- An Actual Duct Design Problem



Dr. Ahmed F. Elsafty with about 12 pyramids chapter members participated for the workshop



A group photo for Dr. Ahmed F. Elsafty among the organization team and the participants as a celebration and appreciation



Multi-Chapters Collaboration Technical DL Webinar “ASHRAE Building Energy Quotient (hEQ)”

- ❖ Date: October (31th), 2020
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Moderator by: Eng. Fady Kamal
- ❖ Sponsored by Khedr Trust
- ❖ Speaker: Eng. Hoy R. Bohanon, Jr., P.E. - ASHRAE DL
- ❖ Link on Facebook (Livestream):

<https://www.facebook.com/ashraepyramids>



Eng. Hoy R. Bohanon during the webinar with about 20 members participate from chapters

ASHRAE Pyramids Chapter **ASHRAE Rajasthan Chapter**

Sponsored by: **Khedr Trust**

ASHRAE BUILDING ENERGY QUOTIENT (BEQ)

ASHRAE has implemented a comprehensive building energy labeling program called Building Energy Quotient (Building EQ). The objective of this labeling effort is to provide motivation for reducing energy use in commercial buildings by expressing the energy performance of buildings in a tangible way. Building EQ incorporates both an operational rating, based upon actual energy billing, and an asset rating that normalizes for operational variables.

Hoy R. Bohanon, Jr., P.E.

Hoy Bohanon, PE, LEED AP, BEAP is principal in Hoy Bohanon Engineering, PLLC, a firm that focuses on improving the performance of existing mission critical buildings. Mr. Bohanon began his engineering career as a research and design engineer, and then gained experience as a project engineer, facilities engineer, facilities manager, indoor air quality research engineer, environmental engineer, and business owner. He has a master's degree in engineering from North Carolina State University, and a bachelor's degree in mechanical engineering from Georgia Institute of Technology. He is a recipient of the ASHRAE Distinguished Service Award and is chair of ASHRAE Standard 62.1 committee, Ventilation for Acceptable Indoor Air Quality.

SATURDAY, 31 OCTOBER 2020

6:00 PM CLT



Multi-Chapters Collaboration Technical DL Webinar “Emerging HVAC technologies for Energy Efficient Healthy Buildings in Hot & Humid Climates”

- ❖ Date: October (31th), 2020
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: Eng. Chandra Sekhar, PH.D.

The slide is a promotional graphic for a webinar. It has a dark background with a light blue geometric shape at the bottom left. The title "Emerging HVAC Technologies For Energy Efficient Healthy Buildings in Hot and Humid Climates." is in large, bold, yellow and white text. Above the title, it says "A Webinar Presentation On". To the right of the title, there are three logos: ASHRAE Saudi Arabia chapter, ASHRAE Rajasthan Chapter, and ASHRAE Pyramids Chapter. Below the title, it says "AIA Approved | 1LU | Sekhar05 & GBCI Approved | 1 CE Hour | 0920017418". To the left of the date, there is a red triangle icon. The date and time "Saturday, 31 October, 2020 AT 1:00 PM GMT 4:00 PM KSA" are in green text. At the bottom left, there is a "Registration Link:" followed by the URL "https://attendee.gotowebinar.com/register/8725936894084333580". At the bottom right, there is a circular portrait of Chandra Sekhar, Ph.D., with his name and title "Chandra Sekhar, Ph.D. Professor National University of Singapore Department of Building 4 Architecture Drive" below it. A QR code is located at the bottom center.



Multi-Chapters Collaboration Technical DL Webinar “HVAC&R - A Risk Management System”

- ❖ Date: November (7th), 2020
- ❖ Place: Go To Webinar
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Sponsored by Rockal
- ❖ Moderator by: Eng. Fady Kamal
- ❖ Speaker: ASHRAE DL - Eng. Eric Binder

A promotional poster for a webinar. At the top, it shows logos for "ASHRAE Rajasthan Chapter" and "ASHRAE Pyramids Chapter". Below these, it says "Organized by:" and "Sponsored by:" with the "ROCKAL" logo. The main title is "HVAC&R - A Risk Management System" in large white letters. To the right of the title is a circular portrait of a man with glasses, identified as "By: Erich Binder". Below the title, there is a paragraph of text: "HVAC& R systems not only provide comfortable spaces for humans they are also health and safety systems. Designing, constructing and operating to ASHRAE Standards are a Risk Management approach to HVAC Systems. They can protect people, animals, processes, equipment, products, etc. HVAC systems provide the safe environment to facilities, processes and provide for the health, safety, and comfort of personnel." Below this paragraph, the date and time are listed: "Saturday 7 November 2020 - 6:00 PM CLT". At the bottom, a bio for Erich Binder is provided: "Erich Binder is an independent engineering consultant with an extensive experience in the sustainable design of Commercial, Institutional, Industrial, & Cold Climate, Heating Ventilation & Air Conditioning (HVAC), Plumbing, Fire Suppression & Specialty Mechanical Systems engineering. Erich has also a Certified Risk Manager with over 20 years of Process Safety, Loss Prevention, Industrial Hygiene, Health & Safety Engineering and Auditing experience."

The webinar participation reach about 38 members who participate from chapters



Multi-Chapters Collaboration Technical DL Webinar “Chilled Water Systems for YEA Members: What the Baby Boomers and Gen Xers Have Done WRONG!!! (Part II)”

- ❖ Date: November (17th), 2020
- ❖ Place: Go To Webinar
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Sponsored by: MAG Group
- ❖ Speaker: Eng. Mick Schwedler – ASHRAE DL

Organized by:

Sponsored by:

Chilled Water Systems for YEA Members: What the Baby Boomers and Gen Xers Have Done WRONG!!! (Part II) By: Mick Schwedler

Part II, a follow-up of the original, was delivered at a more recent ASHRAE winter conference. It delves more deeply into the topic and expands the scope by sharing further mistakes as well as questioning past design philosophy. Whether novice or experienced, come shake your head and laugh a bit more as we all learn together. The two “YEA Member” presentations work well together – for example one in a technical session and the other during the main meeting. Recommended audience: Students, consulting engineers, contractors, facilities managers, and anybody else who wants to learn even from others’ mistakes!

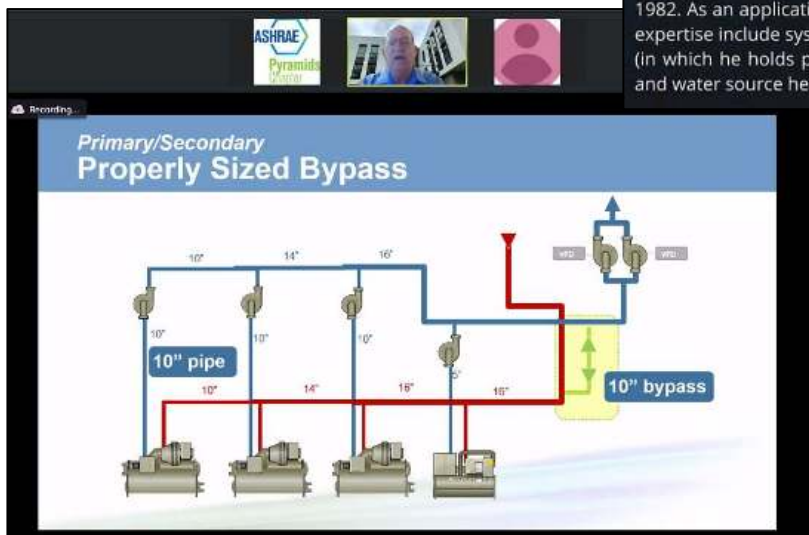
ABOUT THE SPEAKER

Mick has been involved in the development and support of HVAC systems for Trane since 1982. As an applications engineer his areas of expertise include system optimization (in which he holds patents) and chilled water and water source heat pump system design.

6:00 PM CLT

TUESDAY, 17 NOVEMBER

- Treasurer on the ASHRAE Board of Directors
- Nominated for the position of ASHRAE President-Elect (2020-2021)
- ASHRAE Fellow
- Recipient of ASHRAE’s Exceptional Service

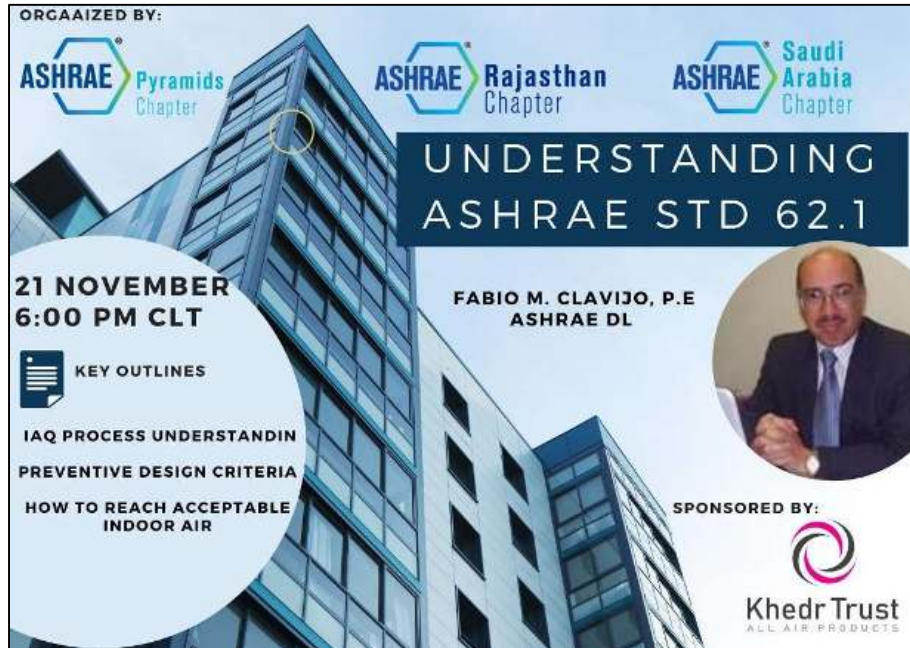


Eng. Mick Schwedler with about 70 members of audience: Students, consulting engineers, contractors, facilities managers participate from the chapters



Multi-Chapters Collaboration Technical DL Webinar "Understanding ASHRAE Std62.1")"

- ❖ Date: November (21th), 2020
- ❖ Place: Go To Webinar
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Sponsored by: Khedr Trust
- ❖ Speaker: ASHRAE DL - Fabio M. Clavijo, P.E.



The webinar participation reaches about 68 members who participate from chapters



Multi-Chapters Collaboration Technical Webinar "Oversized air-conditioning systems and overcooled buildings in hot and humid climates"

- ❖ Date: November (21th), 2020
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: Mr. Chandra Sekhar, PH.D.

A dark blue webinar poster. At the top right are three small logos: ASHRAE Saudi Arabia, ASHRAE Egypt, and ASHRAE Pyramids Chapter. The word "WEBINAR" is in orange. The title "OVERSIZED AIR-CONDITIONING SYSTEMS AND OVERCOOLED BUILDINGS IN HOT AND HUMID CLIMATES." is in white. Below the title, it says "GBCI Approved | 1 CE Hour | 0920020207" and "AIA Approved | 1 LU | OASOB19". A circular portrait of Chandra Sekhar, Ph.D. is on the left. To its right, an orange box contains the text "PRESENTED BY: Chandra Sekhar, Ph.D.". Below the portrait, it says "Time & Date: SATURDAY, NOVEMBER 21th 4:00 PM KSA time, 1:00 PM GMT". Below that, it says "Registration: https://register.gotowebinar.com/register/5648757890706142224". A QR code is on the right. At the bottom, a paragraph of text describes the talk's content.

WEBINAR

**OVERSIZED
AIR-CONDITIONING SYSTEMS
AND OVERCOOLED BUILDINGS
IN HOT AND HUMID CLIMATES.**

GBCI Approved | 1 CE Hour | 0920020207
AIA Approved | 1 LU | OASOB19

PRESENTED BY:
Chandra Sekhar, Ph.D.

Time & Date: **SATURDAY, NOVEMBER 21th**
4:00 PM KSA time, 1:00 PM GMT

Registration: <https://register.gotowebinar.com/register/5648757890706142224>

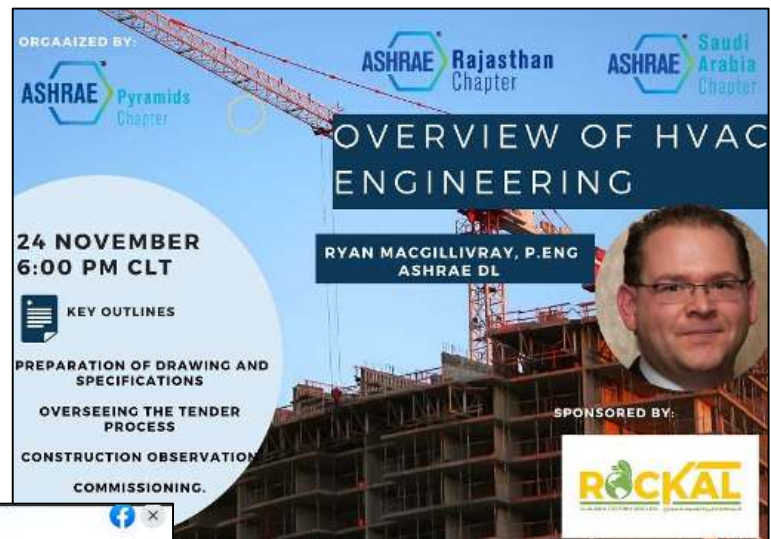
This talk will review some of the fundamental issues of cooling and dehumidification facing the HVAC designer and the inevitable and inherent design of an oversized system and its undesirable consequences in terms of an overcooled indoor environment.

The webinar participation reaches about 50 members who participate from chapters



Multi-Chapters Collaboration Technical DL Webinar “Overview of HVAC Engineering”

- ❖ Date: November (24th), 2020
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Moderator by: Eng. Fady Kamal
- ❖ Sponsor: Rockal
- ❖ Speaker: Ryan MacGillivray, P.Eng.- ASHRAE DL
- ❖ Link on Facebook (livestream):
<https://www.facebook.com/ashraepyramids>

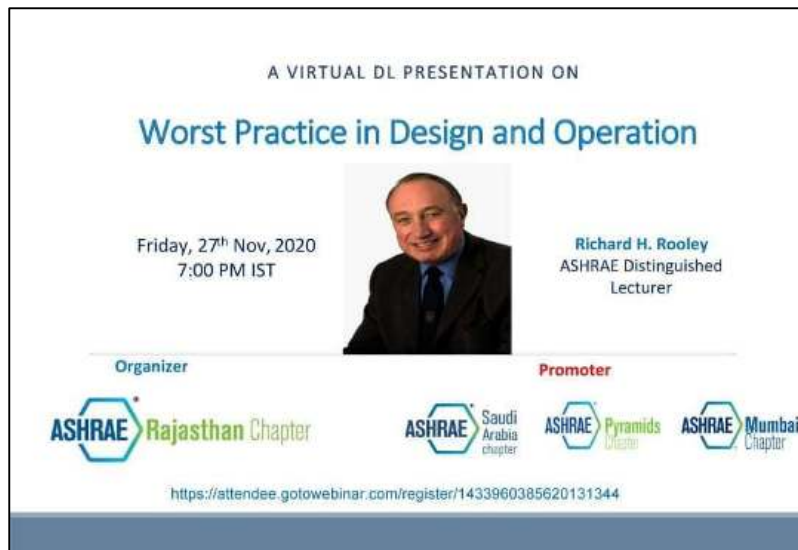


Eng. Ryan MacGillivray with about 88 members participate from the chapters



Multi-Chapters Collaboration Technical DL Webinar “Worst Practice in Design and Operation”

- ❖ Date: November (27th), 2020
- ❖ Place: Go To Webinar
- ❖ Organized by: ASHRAE Rajasthan Chapter
- ❖ Co-organizers and Promoter by: ASHRAE Pyramids Chapter
- ❖ Speaker: Mr. Richard Rooley – ASHRAE DL



The webinar reaches about 55 members participate from the chapters



Multi-Chapters Collaboration Technical Webinar “Stratified Air Ventilation System”

- ❖ Date: November (28th), 2020
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: Mr. Kishor Khankari – PH.D. - ASHRAE Fellow

A promotional graphic for a webinar. The background is dark blue with a faint city skyline. At the top, it says "JOIN OUR NEXT WEBINAR" in white. Below that, the title "Stratified Air Ventilation Systems" is in large white letters. To the right of the title are three small logos: ASHRAE Saudi Arabia Chapter, ASHRAE Pyramids Chapter, and ASHRAE Rajasthan Chapter. Below the title, it says "GBCI Approved | 1 CE Hour | 0920014292" and "AIA Approved | ILU/HSW | KHANKARIO3". The date and time are "Saturday, Nov 28th 2020" and "4:00 PM KSA ... 1:00 PM GMT.". A circular portrait of Kishor Khankari is on the right. Below the portrait, his name "Kishor Khankari" and title "Ph.D., Fellow ASHRAE" are written. At the bottom left is an orange "REGISTER NOW!" button. To its right is a QR code. At the very bottom is the registration URL: <https://register.gotowebinar.com/register/3935767153142840848>.

The webinar reaches about 55 members participate from the chapters



One day Workshop “Load Estimation Refrigeration Fundamentals”

- ❖ Date: November 28th, 2020
- ❖ Place: Pyramids Chapter Headquarter
- ❖ Organized by: Chapters Refrigeration Committee
- ❖ Present by: Eng. Mohamed Seif ElNasr





Pyramids chapter YEA Event “Volunteer Leadership: An Effective Model You Need to Know”

- ❖ Date: November 28th, 2020
- ❖ Place: Digital – Zoom Platform
- ❖ Organized by: Pyramids chapter - YEA Committee
- ❖ Moderator by: Eng. Lina Maged Fouad
- ❖ Participation: YEA & WIA of Pyramids Chapter and other chapters
- ❖ Presented by: Mr. Ashu Gupta

A promotional graphic for a webinar. At the top, it says "ASHRAE Pyramids Chapter" and "YEA". The main title is "VOLUNTEER LEADERSHIP 'An Effective Model You Need to Know'". Below this, it says "The webinar will cover the journey that starts from being a volunteer to becoming an entrepreneur and a leader, all skills are interrelated to each other." To the right is a circular portrait of Eng. Ashu Gupta. Below the portrait, it says "ENG ASHU GUPTA :-". To the left of the portrait, there is a list of bullet points: "He commenced his career as a Mechanical Engineer in 2008. Now, he is a Managing Partner of Design2Occupancy Services LLP.", "He serves on leading positions for ISHRAE, ASHRAE, FSAI, IAQA, IBPSA, ISLE and IAEMP at the local, national as well as international level.", "He is an IGBC AP, PQP, GEM CP and BEE certified ECBC Master Trainer.", "He has trained many Architects, Engineers, Consultants and Government Officials about Energy Conservation Building Code." At the bottom right, it says "Don't miss the webinar SATURDAY 28/11/2020 AT 5:00 PM 'EGYPT TIME' 8:30 PM 'INDIA TIME'".



Eng. Ashu Gupta during the webinar with the attendees that reaches about 20 members participate from the chapters

Technical Conference in Energy Efficiency - Multi-Chapters Participation

- ❖ Date: November (28th,29th), 2020
- ❖ Place: Tolip Resort El Galala Majestic – Ain Sokhna
- ❖ Organized by: ASHRAE Cairo Chapter
- ❖ Sponsored by: Marshal - Awal gulf
- ❖ Pyramids chapter participated members:
 - Eng. Ahmed Ghani (Chapter BOG)
 - Eng. Mohamed Ali Ragab (Chapter Member)
 - Eng. Ahmed Bolbol (Chapter BOG & MP Chair)
 - Eng. Ahmad Nour (Chapter BOG & President Elect.)
 - Dr. Ahmed F. Elsafty (Chapter BOG & SA Chair)



Eng. Ahmed Ghani as a Speaker during the event with about 30 participation from the chapters



Eng. Ahmed Bolbol as a Speaker



Eng. Mohamed Ali Ragab as a Speaker during the event

From left to right: Dr. Ahmed F. Elsafty, Eng. Ahmad Nour, Dr. Mahmoud Bassiouny Said, Eng. Amin Hegazy, Eng. Ahmed Bolbol, Eng. Ayman El Hamady, Eng. Mohamed Heider and Dr.Hesham Safwat Osman El-Maria





Multi-Chapters Collaboration Technical DL Webinar “O-Healthcare-Associated Infections and Hospital Indoor Air Quality”

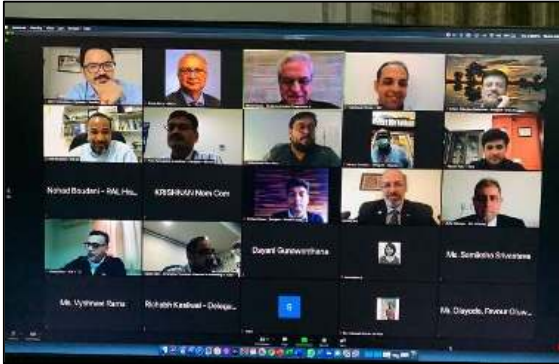
- ❖ Date: December (1st), 2020
- ❖ Place: Go To Webinar
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Sponsored by: MAG Group
- ❖ Speaker: ASHRAE DL Stephanie Taylor, M.D., M. Arch

A promotional graphic for a webinar. The background is a photograph of a hospital room with medical equipment. Overlaid on the image is text and logos. At the top, it says "ORGANIZED BY:" followed by the ASHRAE Pyramids Chapter logo, the ASHRAE Rajasthan Chapter logo, and the ASHRAE Saudi Arabia Chapter logo. The main title "HEALTHCARE-ASSOCIATED INFECTIONS AND HOSPITAL INDOOR AIR QUALITY" is in a dark blue box. Below that, it says "STEPHANIE TAYLOR, M.D., M. ARCH" and "ASHRAE DL". On the right is a circular portrait of Stephanie Taylor. In the bottom right corner, it says "SPONSORED BY:" followed by the MAG Group logo. On the left, in a white circle, it says "1 DECEMBER 6:00 PM CLT" and "KEY OUTLINES". Below the key outlines, it lists "PATIENT HEALING AND EMPLOYEE HEALTH AND PRODUCTIVITY" and "INDOOR AIR MANAGEMENT RELATES TO PATIENT HEALING".

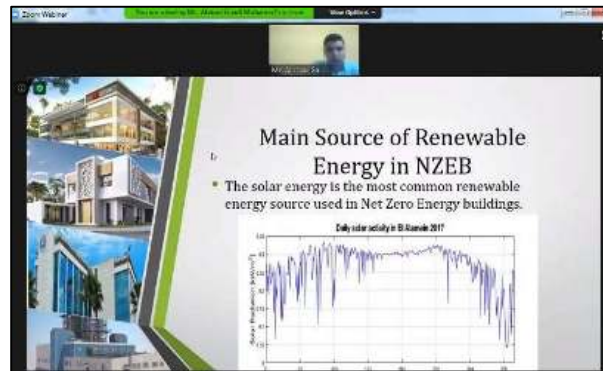
The webinar reaches about 92 members participate from the chapters

ASHRAE RAL “Virtual Students Competition 2020”

- ❖ Date: December (3rd), 2020
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Region At Large (RAL)



RAL Officers with RAL Student who participated in the RAL Design student’s competition during ASHRAE RAL Virtual CRC Competition 2020



AASTMT Student branch - Pyramids Chapter - during participation and presenting their report

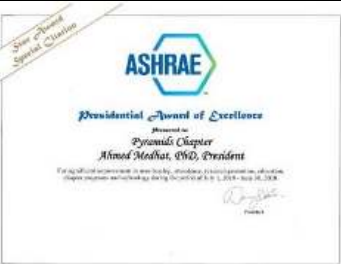
Names of participation	ID	Branch	Topic
- Mr. Moaz Mubarak Serag - Mr. Ahmad Gamil Mohamed - Mr. Ibrahim Mustafa Khalil - Mr. Ahmed Salah Moghazy - Mr. Mohamed Hamed - Mr. Taher Mohamed	8411730 8411829 8411736 8411733 8411739	 AASTMT Pyramids	 Zero energy building
Results for the Winners			Place
- Mr. Moaz Mubarak Serag - Mr. Ahmad Gamil Mohamed			5 th

ASHRAE RAL CRC 2020 “Virtual”

- ❖ Date: December (4th,5th,6th), 2020
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Region At Large (RAL)



Attendances and Awards

❖ Delegate: Eng. Maged Fouad	
❖ Alternative: Eng. Ahmad Bolbol	
❖ RAL Officers:	
- Eng. Maged Fouad: (RVC GA 2016-2019, CRC Location & Organizing Adhoc committee Chair 2018 – 2021 and RAL Treasurer 2020 – 2021) - Eng. Ahmed Nour: (ARVC RP SR1 and RVC CTT 2019 – 2022) - Eng. Ahmad Bolbol: (CRC location & Organizing Adhoc committee member) - Eng. Mohamed Saief Eldin: (ARVC SR1 Refrigeration) - Eng. Lina Maged: (CRC location & Organizing Adhoc committee member) - Eng. Nadia Ali: (ARVC YEA SR1)	
Prof. Dr. Ahmed M. Fahem	Eng. Fady Mourad
Dr. Ahmed F. Elsafty	Eng. Maria Morgan
Eng. Ali Yassin	Eng. Mohamed Amer
	
Presidential Award Of Excellence Prof. Dr. Ahmed M. Fahem Pyramids Chapter President (July 1,2019 – June 30,2020)	Exceeding Goal Eng. Mohamed Naguib Certificate of Achievements



Eng. Maged Fouad Hashem presented his RAL Adhoc committee and RAL Treasurer reports plus the coming CRC 2021 Update

Group photo with ASHRAE President Mr Charles (Chuck) Gulledge, ASHRAE Staff and RAL Officers with Chapters Delegate and Alternatives



Multi-Chapters Collaboration Technical DL Webinar “Every One Communicates Few Connects”

- ❖ Date: December (8th),2020
- ❖ Place: Go To Webinar
- ❖ Sponsored by : Khedr Trust
- ❖ Moderator by: Eng. Fady Kamal
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: ASHRAE DL Karine Leblanc
 - Talk is easy! Learn how to really connect when you communicate and avoid misunderstandings, missed opportunities, conflict and lack of teamwork.



Mrs. Karine Leblanc during the webinar with about 60 members participate from different chapters



Multi-Chapters Collaboration Technical DL Webinar “Fundamentals of Water System Design”

- ❖ Date: December (11th), 2020
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Sponsored by: ISHRAE
- ❖ Speaker: ASHRAE DL Ryan M. MacGillivray

ASHRAE RAJASTHAN HALF DAY VIRTUAL PROGRAM **ASHRAE Rajasthan Chapter**

Ryan M. MacGillivray, P. Eng. is the Secretary-Treasurer, and a Principal Engineer at the mechanical consulting firm Daniels-Wingerak Engineering Ltd., in Saskatoon. The firm specializes in mechanical system design for commercial and institutional buildings, including the Nutrien Wonderhub (Children's Discovery Museum), the Children's Hospital of Saskatchewan, various other office buildings, nursing homes, and university buildings. Systems include building heating, ventilation, air conditioning (HVAC), controls, fire protection, plumbing, and medical gas.

FUNDAMENTALS OF WATER SYSTEM DESIGN

Hydronic systems can offer space and energy savings over non-hydronic systems. The fundamentals of a water-based system are presented, including piping layouts and materials, pump basics, terminal unit performance and heating or cooling generation.

Register & Join Through
<https://attendee.gotowebinar.com/register/2174905878705485328>

Date : Dec 11, 2020
Time : 6:30 PM IST

Supported by-
ISHRAE Thane Chapter

Promoted by-
ASHRAE Pyramids Chapter **ASHRAE Mumbai Chapter** **ASHRAE Saudi Arabia Chapter**

For any queries, send your email at ashraejaipur@gmail.com ; Join ASHRAE Today - <https://join.ashrae.org>

The webinar reaches about 455 members participate from the chapters



Multi-Chapters Collaboration Technical DL Webinar “Use of Green Secondary Refrigerant (Ice Slurry) for Refrigeration and Air-Conditioning”

- ❖ Date: December (12th),2020
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: ASHRAE DL Dr. Rajinder Singh

The webinar reaches about 90 members participate from the chapters

USE OF GREEN SECONDARY REFRIGERANT (ICE SLURRY) FOR REFRIGERATION AND AIR-CONDITIONING

ASHRAE Saudi Arabia Chapter | ASHRAE Rajasthan Chapter | ASHRAE Pyramids Chapter

Date: 12 December 2020.
Time: Saturday 1:00 PM GMT.
4:00 PM KSA.

<https://register.gotowebinar.com/register/3806283167292797964>

Dr. Rajinder Singh
Professor/Instructor
PUSA INSTITUTE OF TECHNOLOGY

Multi-Chapters Collaboration Technical DL Webinar “Dehumidification - Basic Concepts”

- ❖ Date: December (12th),2020
- ❖ Place: Go To Webinar
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Sponsored by: Rockal
- ❖ Speaker: Fabio M. Clavijo, P.E.

ASHRAE DL

The webinar reaches about 82 members participate from the chapters

ORGANIZED BY: ASHRAE Pyramids Chapter | ASHRAE Rajasthan Chapter | ASHRAE Saudi Arabia Chapter

DEHUMIDIFICATION - BASIC CONCEPTS

12 DECEMBER
6:00 PM CLT

FABIO M. CLAVIJO, P.E.
ASHRAE DL

KEY OUTLINES:
UNDERSTANDING OF THE PSYCHROMETRIC CHART
DETAILED HUMIDITY VARIABLES
HUMIDITY IMPACT ON BUILDINGS, OPERATIONAL COSTS AND COMFORT COMPLAINS.

SPONSORED BY: ROCKAL

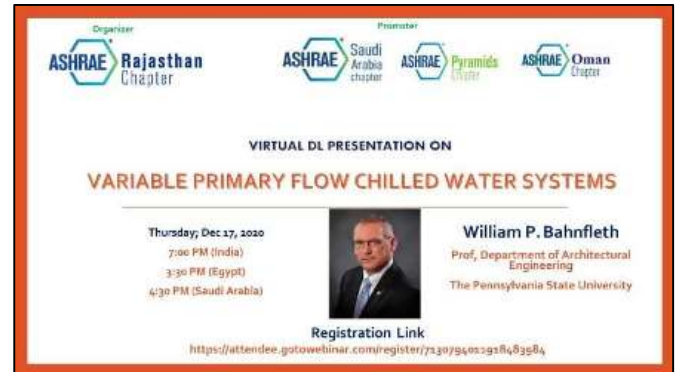


Multi-Chapters Collaboration Technical DL Webinar “Variable Primary Flow Chilled Water System”

- ❖ Date: December (17th),2020
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: William Bahnfleth

ASHRAE DL

The webinar reaches about 615 members
participate from the chapters

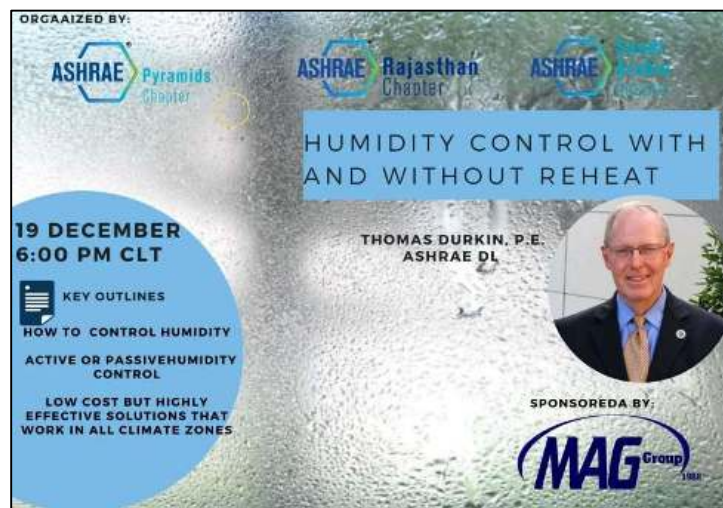


Multi-Chapters Collaboration Technical DL Webinar “Humidity Control with and without Reheat”

- ❖ Date: December (19th),2020
- ❖ Place: Go To Webinar
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Sponsored by: MAG Group
- ❖ Speaker: Thomas Durkin, P.E.

ASHRAE DL

The webinar reaches about 96 members
participate from the chapters





Multi-Chapters Collaboration Technical DL Webinar “ASHRAE Standard 189.1 and the International Green Construction Code”

- ❖ Date: December (19th),2020
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: Thomas Lawrence, P.E. - ASHRAE DL

The webinar reaches about 49 members participate from the chapters



Multi-Chapters Collaboration Technical DL Webinar “Ethics & the Built Environment”

- ❖ Date: December (26th),2020
- ❖ Place: Go To Webinar
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Sponsored by: Khedr Trust
- ❖ Speaker: Samir Traboulsi, Ph.D., P.E.- ASHRAE DL

The webinar reaches about 21 members participate from the chapters





Multi-Chapters Collaboration RRL Webinar “Adaptive Thermal Comfort”

- ❖ Date: December (28th),2020
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: Dr. Shivraj Dhaka

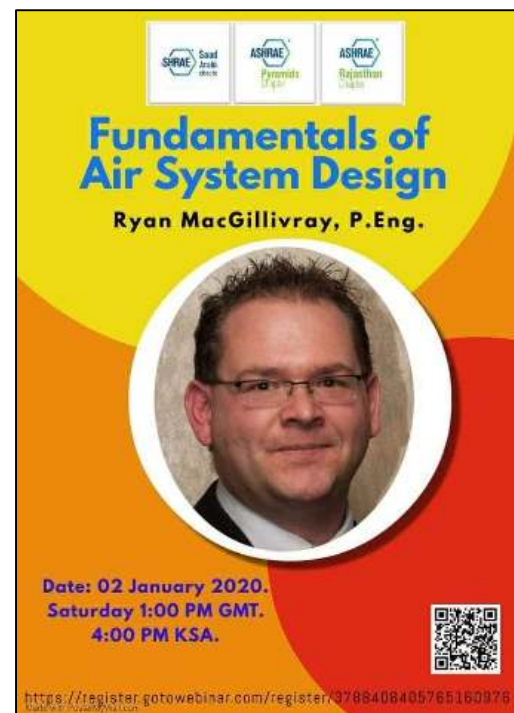
The webinar reaches about 305 members participate from chapters



Multi-Chapters Collaboration Technical DL Webinar “Fundamentals of Air System Design”

- ❖ Date: January (2nd),2021
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: ASHRAE DL Ryan M. MacGillivray

The webinar reaches about 50 members participate from the chapters





Multi-Chapters Collaboration Technical DL Webinar “The interface between Risk and Ethics”

- ❖ Date: January (8th),2021
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: ASHRAE DL - Tim Wentz

The webinar reaches about 40 members participate from the chapters

Virtual DL Presentation on

The Interface between Risk and Ethics

Friday, Jan 8, 2021

7:00 PM (India)
3:30 PM (Egypt)
4:30 PM (Saudi Arabia)

Tim Wentz
ASHRAE Distinguished Lecturer
Emeritus Professor
University of Nebraska
Lincoln, US

Registration Link:
<https://attendee.gotowebinar.com/register/7232800104675087630>

Organizer: ASHRAE Rajasthan Chapter

Co-organizer: ASHRAE Pyramids Chapter, ASHRAE Saudi Arabia Chapter, ASHRAE India Chapter

Multi-Chapters Collaboration Technical Webinar “Details of a Risk Management Program”

- ❖ Date: January (15th),2021
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: Heather Platt Gulledge

The webinar reaches about 35 members participate from the chapters

Organizer: ASHRAE Rajasthan Chapter

Co-organizer: ASHRAE Mumbai Chapter, ASHRAE Saudi Arabia Chapter, ASHRAE Pyramids Chapter

Virtual Presentation on

Details of a Risk Management Program: Healthcare Water Systems

Heather Platt Gulledge
Senior Project Manager
Dewberry
United States

Friday, Jan 15, 2021
7:00 PM IST

<https://attendee.gotowebinar.com/register/6164190250196306704>

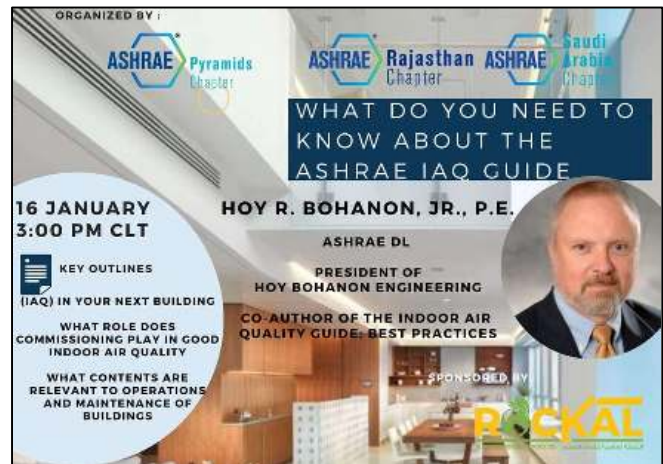


Multi-Chapters Collaboration Technical DL Webinar “What Do You Need to Know About the ASHRAE IAQ Guide?”

- ❖ Date: January (16th),2021
- ❖ Place: Go To Webinar
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Sponsored by: Rockal
- ❖ Speaker: Hoy R. Bohanon, Jr., P.E.

ASHRAE DL

The webinar reaches about 43 members
participate from the chapters



Multi-Chapters Collaboration Technical DL Webinar “Slashing Lab and Vivarium Building Energy Use by up to 50%?”

- ❖ Date: January (16th),2021
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: Gordon P. Sharp P.E.

The webinar reaches about 45 members
participate from the chapters





Multi-Chapters Collaboration Technical DL Webinar “What's Your EUI?”

- ❖ Date: January (22th),2021
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: Douglas F Zentz

The webinar reaches about 30 members participate from the chapters

VIRTUAL DL PRESENTATION ON
WHAT'S YOUR EUI?

Douglas F. Zentz
ASHRAE Distinguished Lecturer
Associate Professor – HVACR Program Coordinator
HVACR Program
School of Built Environment
College of Engineering Technology
Ferris State University
United States

Friday; Jan 22, 2021
7:00 PM (India)
7:30 PM (Bangladesh)
4:30 PM (Saudi Arabia)
3:30 PM (Egypt)

Organizer
ASHRAE Rajasthan Chapter

Co-organizer
ASHRAE Bangladesh Chapter | **ASHRAE Saudi Arabia Chapter** | **ASHRAE Pyramids Chapter**

Registration Link
<https://register.gotowebinar.com/register/4042441772357483022>

RRL Webinar

- ❖ Date: January (23th),2021
- ❖ Event Topic: Influence of Smoke Management Systems on Fire Engineering
- ❖ Place: Zoom Platform
- ❖ Organized by: RAL Regional Lecturer (RRL) Committee
- ❖ RRL Speaker: Prof. Ahmed Medhat

The webinar reaches about 150 members participate from RAL chapters

Free webinar

Influence of Smoke Management Systems on Fire Engineering

Speaker
Prof. Ahmed Medhat

ASHRAE Region-at-Large

23 Jan 2021
4:00 - 5:30 p.m.
Dubai time



ASHRAE RAL “2nd MP Quarterly Meeting 2020”

- ❖ Date: February 4th, 2020
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Region At Large (RAL)
- ❖ Event Topic: 2nd Membership Quarterly meeting RAL (Sub Region 1)



MP Chair Musts for Promotion

What must an MP Chair do to promote?

- Have a PR plan in place early to:
 - Increase public awareness locally
 - Establish ASHRAE as a key resource for industry technical information
- Work with chapter leadership to appoint a PR committee or chair
- Be sure you know your PR targets early and you start promoting in July
- Use local media to promote events
- Promote with allied organizations via:
 - Joint opportunities
 - Technical topics of interest to their groups

The ASHRAE logo is located at the bottom left of the slide.

ASHRAE Pyramids Chapter Participation

Eng. Ahmed Bolbol (MP chair) Eng. Mohamed Amer (member) Eng. Ragda Ahmed (MP Co-Chair)

Eng. Nihal Talaat (member) Eng. Ashrakat Gaber (MP Co-Chair) Eng. Emad Anwar (member)



Multi-Chapters Collaboration Technical DL Webinar “Healthy, Airside Solutions to Reduce Building's Carbon Footprint”

- ❖ Date: February (5th),2021
- ❖ Place: Go To Webinar
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: Mr. Gordon Sharp

The webinar reaches about 35 members participate from the chapters

Organizer: ASHRAE Rajasthan Chapter

Co-organizer: ASHRAE Pyramids Chapter, ASHRAE Sudan Chapter, ASHRAE Saudi Arabia Chapter

Virtual DL Presentation on

Healthy, Airside Solutions to Significantly Reduce Your Building's Carbon Footprint

Friday: Feb 5, 2021
 7:00 PM (India)
 3:30 PM (Egypt & Sudan)
 4:30 PM (Saudi Arabia)

Gordon P. Sharp
 Chairman and Founder
 Aircurty, Inc., United States

<https://register.gotowebinar.com/register/4879751762746118158>

Arabic Webinar “CFD Simulation for HVAC Designs' Validation”

- ❖ Date: February (6th),2021
- ❖ Place: Zoom Platform
- ❖ Sponsored by: MAG Group
- ❖ Moderator by: Eng. Ahmed Emad Hamdy
- ❖ Organized by: ASHRAE Pyramids Chapters
- ❖ Speaker: Prof. Dr. Ahmed Medhat

ORGANIZED BY: ASHRAE Pyramids Chapter

CFD SIMULATION FOR HVAC DESIGNS' VALIDATION- IN ARABIC LANGUAGE

6 FEBRUARY
 6:00 PM CLT

KEY OUTLINES

- WHOLE-BUILDING-PERFORMANCE WBP CONCEPTS
- PERFORMANCE-BASED-DESIGN: PBD
- WHEN CFD ASSESSES PBD AND HOW TO VALIDATE SUCH DESIGN.

SPONSORED BY: MAG Group

PROF. DR. AHMED MEDHAT
 PROFESSOR OF MECHANICAL ENGINEERING
 OFFICIAL CONSULTANT AT ARCHITECT & HOUSING INSTITUTE, [AHI] AT HOUSING & BUILDING NATIONAL RESEARCH CENTRE (HBRC)
 HEAD OF MEP TECHNICAL REVIEWERS COMMITTEE AT HBRC.



The webinar reaches about 74 members participate from the chapters



Multi-Chapters Collaboration Technical DL Webinar “Principles of Museum Environmental Design”

- ❖ Date: February (10th),2021
- ❖ Place: Zoom Platform
- ❖ Sponsored by: Khedr Trust
- ❖ Organized by: ASHRAE Pyramids Chapter
- ❖ Speaker: ASHRAE DL and ASHRAE Fellow, HDBP: Mrs. Erin McConahey,

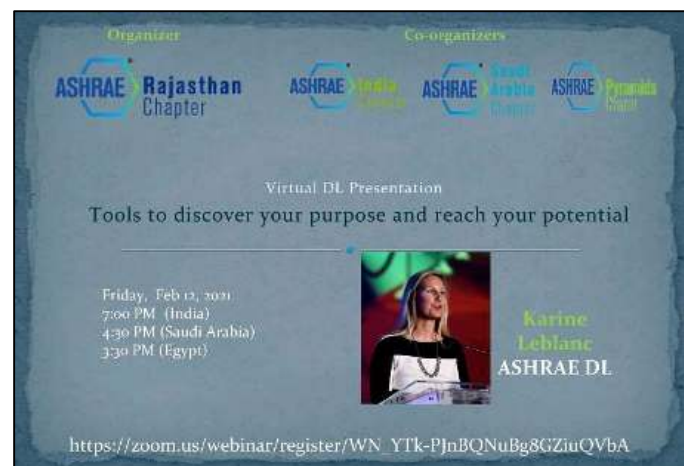


45 members participate from the chapters

Multi-Chapters Collaboration Technical DL Webinar “Tools to discover your purpose and reach your potential”

- ❖ Date: February (12th),2021
- ❖ Place: Zoom Platform
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: Mrs. Karine Leblanc

ASHRAE DL



70 members participate from the chapters



Training" Mercedes-Benz "

- ❖ Date: February (12th),2021
- ❖ Place: Maddi Elhandsia MB Agency
- ❖ Organized by: ASHRAE Pyramids Chapter Refrigeration Committee
- ❖ Objective: Meeting and Training specially about Methodology, causes of failure and troubleshooting for Mercedes-Benz:- Engineers and Technician
- ❖ Speaker: Eng. Mohamed Seif ElNasr –
ASHRAE Pyramids Chapter Refrigeration Chair and ARVC SR1 Refrigeration





ASHRAE RAL RPL - Regional Planning Meeting -Winter 2020 “Virtual”

- ❖ Date: February (22th), 2021
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Region At Large (RAL)
- ❖ Attendances and panelists:



❖ Delegate: Eng. Maged Fouad
❖ Alternative: Prof. Dr. Ahmed M. Fahem
❖ RAL Officers and members: - Eng. Maged Fouad: (RVC GA 2016-2019, CRC Location & Organizing Adhoc committee Chair 2018 – 2021 and RAL Treasurer 2020 – 2021) - Eng. Ahmed Nour: (ARVC RP SR1 and RVC CTT 2019 – 2022) - Eng. Ahmad Bolbol: (CRC location & Organizing Adhoc committee member) - Eng. Mohamed Saief ElNasr: (ARVC SR1 Refrigeration) - Eng. Lina Maged: (CRC location & Organizing Adhoc committee member) - Eng. Nadia Ali: (ARVC YEA SR1)





Multi-Chapters

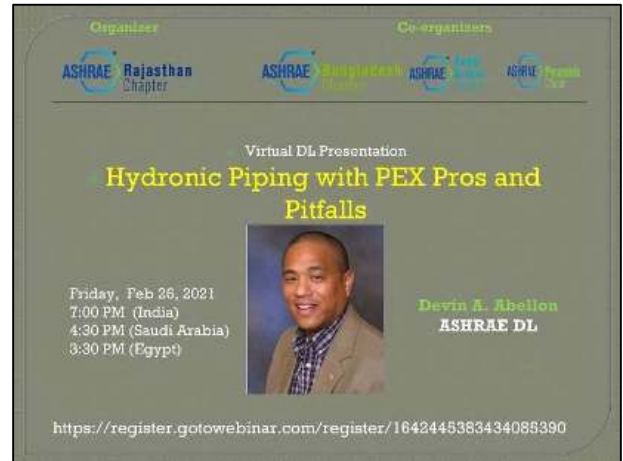
Technical DL Webinar “Hydronic Piping with PEX: Pros and Pitfalls”

Collaboration

- ❖ Date: February (26th), 2021
- ❖ Place: Zoom Platform
- ❖ Co-organizers: ASHRAE Pyramids Chapter
- ❖ Speaker: Mr. Devin A. Abellon

ASHRAE DL

60 members participate from the chapters

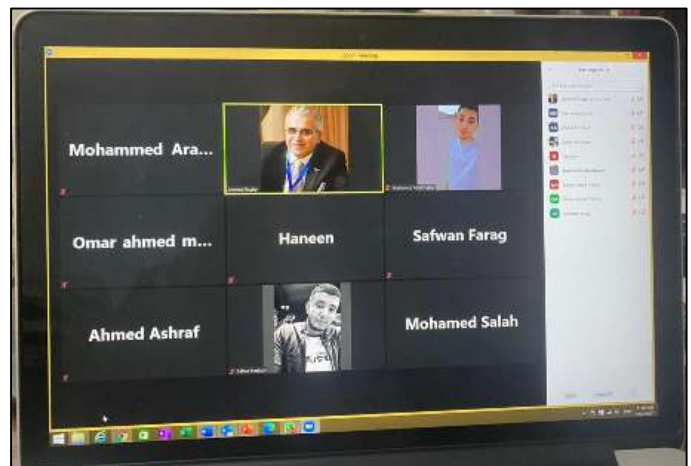


SA Non - Technical Webinar “Awareness Sessions”

- ❖ Date: February (22th), 2021
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Pyramids Chapter SA Committee
- ❖ Topic: Awareness Sessions about
 - ASHRAE and Students Membership
 - RAL Quiz Competition 2021
- ❖ Participation: Arab Academy For Science, Technology And Maritime Transport - AAST Aswan Students Branch
- ❖ Presented by: Dr. Ahmed F. ElSafty



Dr. Ahmed F. Elsafty during the session with 9 Students from ASHRAE pyramids chapter Aswan Students Branch members



3days Workshop “Enclosed Car Park Ventilation Design Local Codes and ASHRAE Recommendation”

- ❖ Date: March (11th-12th-13th), 2021
- ❖ Place: Pyramids Chapter Headquarter
- ❖ Organized by: ASHRAE Pyramids Chapters CTTC Committee
- ❖ Present by: Prof. Dr. Ahmed Medhat



Prof. Dr. Ahmed Medhat during the workshop

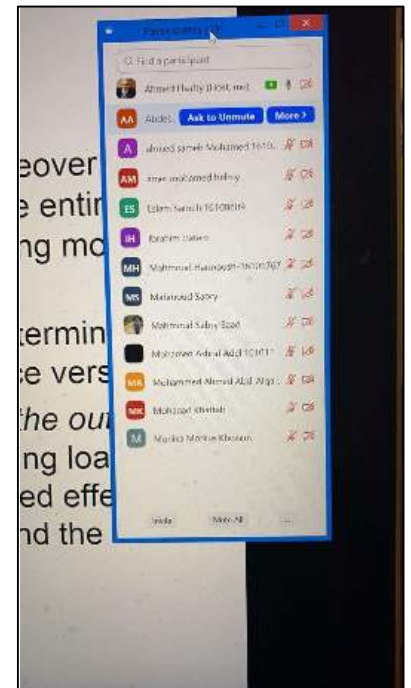


A group photo with Prof. Dr. Ahmed Medhat among both of the organization team and the 8-participants for celebration and appreciation

SA Non - Technical Webinar “Awareness Sessions”



- ❖ Date: March (13th), 2021
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Pyramids Chapter SA Committee
- ❖ Topic: Awareness Sessions about
 - ASHRAE and Students Membership
 - RAL Quiz Competition 2021
- ❖ Participation: Arab Academy For Science, Technology And Maritime Transport - AAST Alexandria Students Branch
- ❖ Presented by: Dr. Ahmed F. ElSafty



Dr. Ahmed F. Elsafty during the session with 13 Students from ASHRAE pyramids chapter Alexandria Students Branch members

RRL Webinar

- ❖ Date: March (27th), 2021
- ❖ Event Topic: The Flame That Cools: Absorption Chiller
- ❖ Place: Zoom Platform
- ❖ Organized by: RAL Regional Lecturer (RRL) Committee
- ❖ RRL Speaker: Dr. Ahmed F. ElSafty



The webinar reaches about 150 members participate from RAL chapters

Sub Region RAL MP Quarterly Review meeting SR1



- ❖ Date: May (1st),2021
- ❖ Event Topic: Membership Quarterly Review meeting RAL (Sub Region 1)
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Region At Large (RAL)
- ❖ Agenda:
 - Plan to reduce the “unpaid members” count.
 - Retention plan for members due for renewal from now until June end
 - Status of PAOE points

A snapshot of the numbers is as follows:

Chapter	Sub Region 1 July 1, 2020			April 1, 2021			Net gain
	Total	Paid	Unpaid	Total	Paid	Unpaid	
Bahrain	49	40	9	59	51	8	11
Cairo	103	86	17	133	112	21	26
Central Pakistan	62	47	15	52	42	10	-5
Faisalabad	32	31	1	27	20	7	-11
Falcon	460	380	80	398	289	109	-91
Jordan	49	36	13	40	26	14	-10
Kuwait	51	41	10	51	38	13	-3
Lebanese	106	73	33	80	59	21	-14
Libya	40	40	0	41	1	40	-39
Nigeria	135	116	19	127	91	36	-25
Nothern Pakistan	55	35	20	47	38	9	3
Oman	43	43		42	27	15	-16
Pakistan	89	72	17	98	79	19	7
Pyramids	75	53	22	102	84	18	31
Qatar	157	124	33	139	104	35	-20
Saudi Arabia	181	129	52	172	135	37	6
South Africa	156	138	18	150	134	16	-4
Turkish	100	85	15	110	99	11	14
Sudan				51	49	2	
SR 1	91	84	7	48	38	10	-46
	2034	1653	381	1967	1516	451	-186

Screen shot for MP Statues and Review with the participation of SR1 and ASHRAE Pyramids Chapter member (Eng. Mohamed Amer)





Multi-Chapters Participation Webinar and YEA ASHRAE Pyramids chapter member Participation at “Why you should be a part of ASHRAE?”

- ❖ Date: May (8th),2021
- ❖ Event Topic: Why you should be a part of ASHRAE?
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Chandigarh Chapter
- ❖ Speakers:

ASHRAE
American Society of Heating, Refrigerating & Air-Conditioning Engineers

ASHRAE Chandigarh Chapter
is presenting a Virtual Session on
"All About ASHRAE"
8th May 2021 (Saturday) | 11:30 AM IST

Special Guests

- Dr. Ahmed Alaa
DRC, ASHRAE RAL
- Mr. Richie Mittal
RMCR, ASHRAE RAL
- Mr. Bassel Anbari
RRL - ASHRAE RAL
- Mr. Nitin Naik
RVC-MP, ASHRAE RAL

Register & Join through - <https://tinyurl.com/whyashrae>

RSVP - Team ASHRAE CHANDIGARH CHAPTER
Email - ashrae.chd@gmail.com

Join ASHRAE Today - <https://join.ashrae.org>

ASHRAE
American Society of Heating, Refrigerating & Air-Conditioning Engineers

ASHRAE Chandigarh Chapter
is presenting a Virtual Session on
"All About ASHRAE"
8th May 2021 (Saturday) | 11:30 AM IST

Why ASHRAE?

- Why I should join ASHRAE?
- What benefits I can get after joining ASHRAE?
- How ASHRAE can help in my personal & professional career?

Must attend, if you are in HVACR & Building Industry

- Mr. Virkam Murthy
RRL - ASHRAE RAL
- Mr. Hassan Younes
RRL - ASHRAE RAL
- Mr. Ashu Gupta
YEA Outreach Committee

- To understand about ASHRAE Publications
- To understand about ASHRAE Certifications
- To understand about ASHRAE Membership

Register & Join through - <https://tinyurl.com/whyashrae>

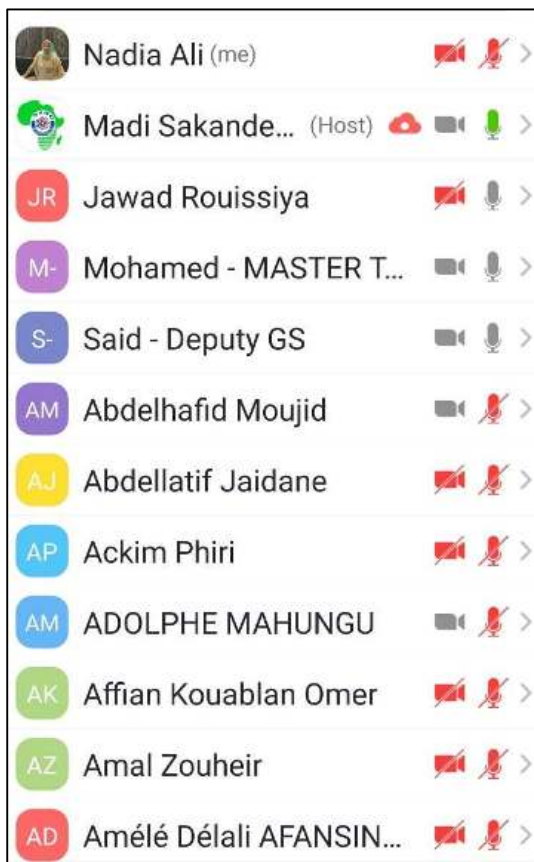
RSVP - Team ASHRAE CHANDIGARH CHAPTER
Email - ashrae.chd@gmail.com

Join ASHRAE Today - <https://join.ashrae.org>

The webinar reaches large number of the attendees all over RAL ASHRAE Chapters that as YEA Participation members from ASHRAE Pyramids Chapter was Eng. Nadia Ali Yassin

U-3ARC Training about “Refrigeration and food preserve concept equipment’s selection and matching of the load”

- ❖ Date: May (9th),2021
- ❖ Event Topic: Refrigeration and food preserve concept equipment’s selection and matching of the load
- ❖ Place: Zoom Platform
- ❖ Organized by: U-3ARC Union of Associations of African Actors in Refrigeration and air Conditioning.
- ❖ Speaker: Eng. Mohamed Seif ElNasr
ARVC SR1 Refrigeration



Webinar have about 365 attendees for 3hours training from North Africa, ASHRAE Nigeria and Pyramids Chapters and for YEA Participation members from ASHRAE Pyramids Chapter was Eng. Nadia Ali Yassin



Workshop" HFC'S Phase-down"

- ❖ Date: May (26th),2021
- ❖ Event Topic: Consultative workshop with domestic and commercial refrigeration companies to prepare a draft of a national strategy to reduce the consumption of HFCs in the refrigeration sector
- ❖ Place: Triumph luxury hotel
- ❖ Organized by: UNIDO (United Nations Industrial Development Organization)
- ❖ Objective: A project to raise national capabilities in the field of reducing material consumption of HFCs
- ❖ Attendances:
 - Eng. Mohamed Seif ElNasr - ASHRAE Pyramids Chapter Refrigeration Chair and ARVC SR1 Refrigeration



From Left to right: Dr. Hesham Safwat, Dr. Azzat Lewis, Head of the Ozone Unit in the Environment and Eng. Mohamed Seif ElNasr



Eng. Mohamed Seif ElNasr beside the event flyer

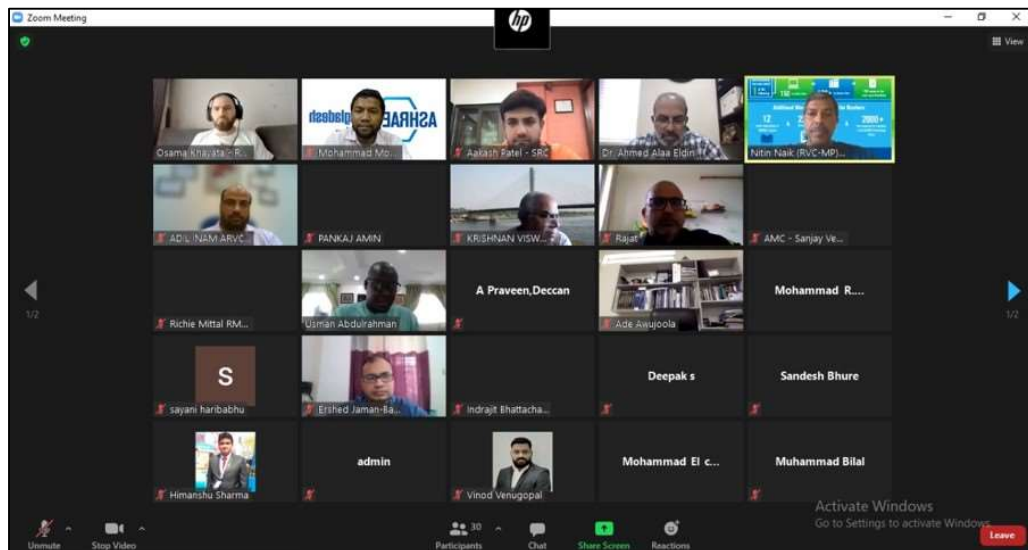


ASHRAE RAL “MP Centralized Training Meeting 2021”

- ❖ Date: June (12th), 2021
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Region At Large (RAL)
- ❖ Agenda



- Society & RAL
- Membership benefits
- Technical Committees
- Publications
- CTTC
- YEA



ASHRAE Pyramids Chapter Participation Eng. Ahmed Bolbol (MP chair)

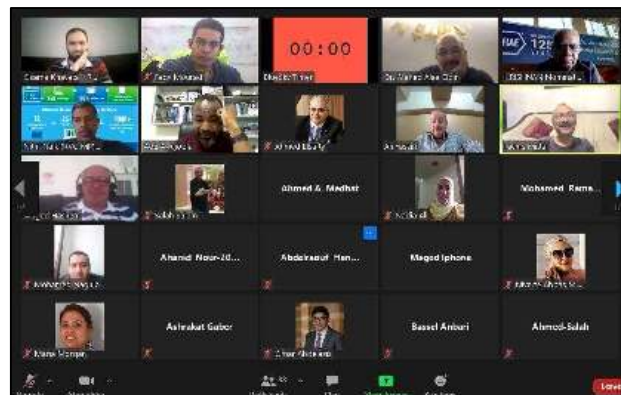
ASHRAE RAL Thank You Meetings “Meeting with Dr. Ahmed Alaa”

- ❖ Date: July (20th), 2021
- ❖ Place: Zoom Platform
- ❖ Organized by: ASHRAE Region At Large (RAL)



❖ Attendances

1. Eng. Maged Fouad	2. Eng. Mohamed Naguib
3. Prof. Dr. Ahmed M. Fahem	4. Eng. Fady Mourad
5. Eng. Ahmed Nour	6. Eng. Maria Morgan
7. Eng. Ali Yassin	8. Eng. Mohamed Seif ElNasr
9. Eng. Ahmed Salah	10. Eng. Mohamed Ramadan
11. Eng. Ragda Ahmed	12. Eng. AbdelRaouf Hanafy
13. Eng. Esraa Mehany	14. Eng. Abdullah Ibrahim
15. Dr. Ahmed F. ElSafty	16. Eng. Ashrakat Gaber
17. Eng. Eman Ellewah	18. Eng. Mohamed Aamer
19. Eng. Nihal Talaat	20. Madam Niverte Morsi
21. Eng. Nouran Saad	22. Eng. Omar Abdelaziz
23. Eng. Salah Hassan	24. Eng. Nadia Ali
25. Eng. Sherif Omran	



Pyramids Chapter Participation during the meeting
reach in total 36 participations

U-3ARC Training about “Cold Chain Challenges in Africa”

- ❖ Date: July (26th),2021
- ❖ Event Topic: Cold Chain Challenges in Africa
- ❖ Place: Zoom Platform
- ❖ Organized by: U-3ARC Union of Associations of African Actors in Refrigeration and air Conditioning.
- ❖ Attendees: Eng. Mohamed Seif ElNasr

ARVC SR1 Refrigeration



Webinar have about 356 attendees for 3hours training from North Africa, ASHRAE Nigeria and Pyramids Chapters