

# ANNUAL REPORT ASHRAE WIC

| F O R   Y E A R   2 0 1 9 - 2 0 2 0 |

Presented by  
**Vijay Panchal** - Imm. Past President | Society Year 2020-2021 |



# OVERVIEW



- Activities
- Highlights
- Achievements
- Initiatives



# ACTIVITIES

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**Installation Ceremony & AGM – 13th July'2019**  
**Installation Officer – Mr. Nitin Naik (SRC SR-II, RAL)**







**Installation of IIT RAM Student Branch – 13th July'2019**

**Installation Officer – Dr. Yash Shukla (ARVC- SA SR-II, RAL)**

**Dinner with Dr. Ahmed Alaa (DRC RAL), RAL Officers  
& Past presidents of ASHRAE WIC -18th July 2019**



## Installation of ASOIT Student Branch – 19th July'2019

Installation Officer – Dr. Ahmed Alaa (DRC- RAL)





## Installation of SOCET Student Branch – 19th July'2019

Installation Officer – Mr. Nitin Naik (SRC SR-II, RAL)







# WELCOMES YOU

**SUB REGION - II MEETING**  
2019  
Ahmedabad



Organized by

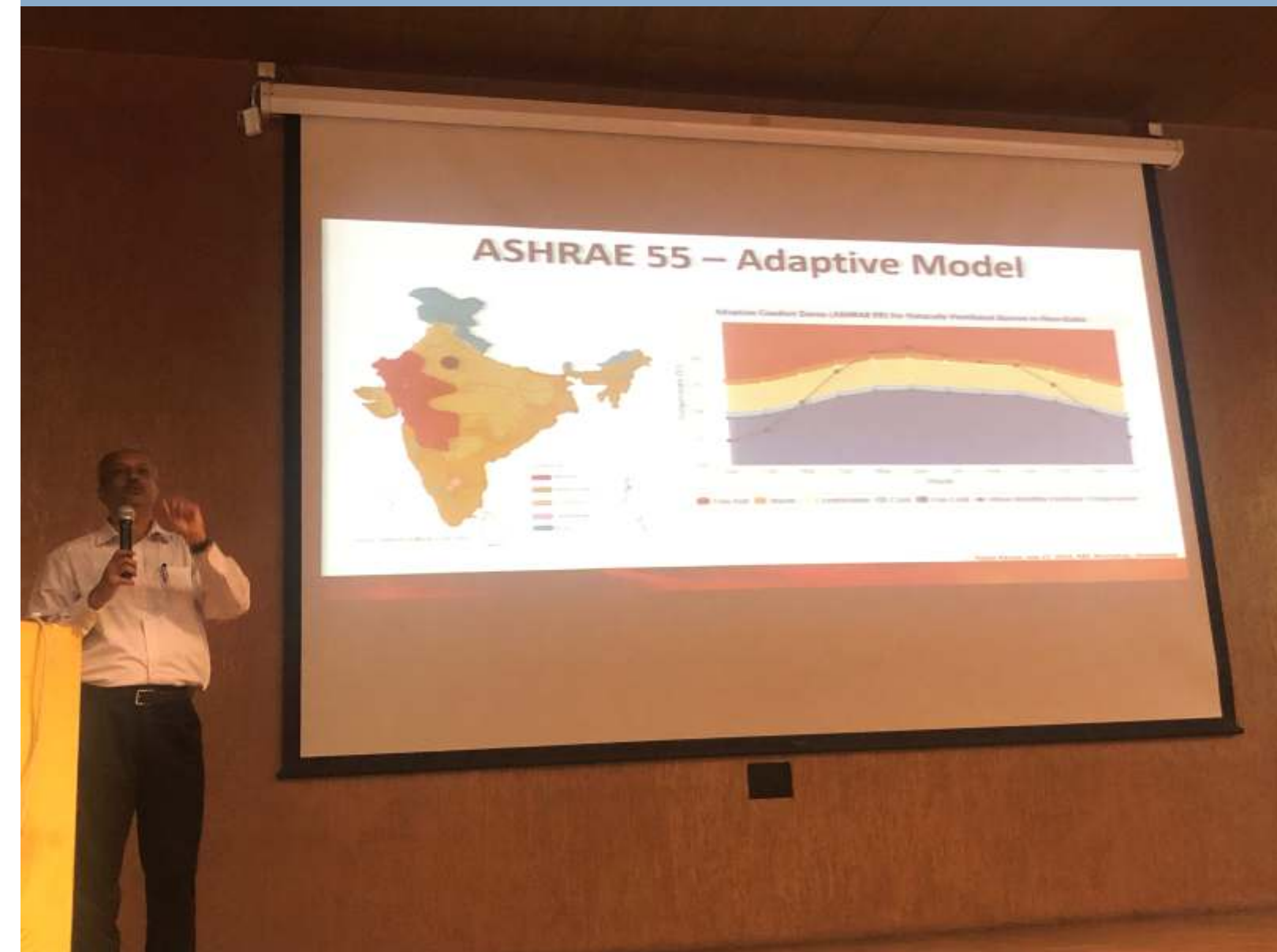


## SUB REGION – II MEETING – 19th July'2019



| Annual Report of SY 2019-2020 |

**GAC ACTIVITY as a supporting society,  
National Building Code of India – 26th July'2019  
Presentation by Proff. Rajan Rawal**





## RAL Student Competition at Chapter level

6th Aug'2019





**MOU signed between  
ASHRAE Western India Chapter  
&  
ASSOCHAM Gem (Supporting society)**

**in presence of Energy Minister & Mayor – 9th Aug'2019**







## Synergy with Energy – GAC Program – 29th Aug'2019

**Mr. Pankaj Dharker & Mr. Gaurang Patel**

**Presented from ASHRAE WIC**



## **CRC Delegation from ASHRAE WIC – Jordan**

**28th Sept'2019**

**15** Members have attended CRC





**RAL Student Competition Winner from ASHRAE WIC**

**Ms. Krutikaa Sharma**

**29th Sept 2019 at Jordan CRC**





## **Tech Talk – What & Why District Cooling System**

**12th Oct 2019 at Vadodara**

**By Mr. Gaurang Patel**



## **Tech Talk –Vapor Absorption & Brine Technology**

**30th Nov 2019 at Vadodara**

**By Mr. Akshay Mangal**



# Tech Talk – Energy Balance by Thermal Storage

4th Dec 2019 at IIT RAM

By Fellow Member Mr. Dileep Sarda



# Program on Enhancing Communication & Presentation Skills 8th Jan 2020

by Mr. Aakash Patel , Ms. Shayna Shah & Ms. Aditi Shah



**Historical BOG meeting**  
**in Presence of Dr. Ahmed Alaa (DRC – RAL)**  
**& Many RAL officers – 16th Jan 2020.**







**Distribution of District Cooling Guide to all Student Branch**

**Dr. Ahmed Alaa (DRC – RAL) – 16th Jan 2020.**

13th Confluence – 17th & 18th Jan 2020.

| DL Program |

William Bahnfleth & Chris Muller

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ORGANIZED BY



Shaping Tomorrow's  
Built Environment Today

Western India  
Chapter

*The most awaited Quiz Competition !!!*



Chance to meet HVAC Experts  
Chance to Interact with best Brains



Date : **7<sup>th</sup> March 2020, Saturday**

Venue | **Nirma University,**  
S.G.Highway, Ahmedabad

ashrae.westernindia@gmail.com | www.ashraewic.org  
For Registrations Contact : Mr. Hitesh Prajapati | +91 84909 19705

## Quizo 4.0 A Flagship Program of Student Quiz competition

7th March 2020.





# Webinar on ASHRAE Standard 211 and Building EQ Be an Energy Genius by John Constantinide – 10th April 2020.

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Organized By

**ASHRAE**  
Western India  
Chapter

**Building EQ**  
POWERED BY  
ASHRAE



## WEBINAR ON ASHRAE Standard 211 & ASHRAE's Building EQ Be an Energy Genius

### HIGHLIGHTS

ASHRAE Standard 211, the Standard for Commercial Building Energy Audits, establishes minimum performance levels for building energy audits.

ASHRAE's Building EQ, a web based portal that compares your building's performance with similar building types and walks you through the steps to complete a Level 1 Energy Audit.

Two separate evaluations; one for As Designed potential (asset rating) and the other for In Operation performance (operational rating), form the foundation of Building EQ.



**Mr. John Constantinide**

John Constantinide is a Florida-licensed mechanical engineer, with 11 years of experience providing mechanical engineering design, hazardous material consultation, and installation energy management. His work experience includes industrial, institutional, and commercial facility design and construction administration for government, aviation, and health care entities. Mr. Constantinide is also a Certified Energy Manager, Certified Fire Protection Specialist, and LEED AP with a BD+C specialization. In ASHRAE, he serves as Vice Chair of the Building EQ Committee and TC 5.2 Duct Design, Handbook Subcommittee Chair on TC 7.6 Building Energy Performance, and Governor and GAC Chair of the Space Coast Chapter.

<b>Vijay Panchal</b> President	<b>Aditi Shah</b> Secretary
<b>Darshan Dave</b> CTTC Chair	<b>Gaurang Patel</b> CTTC Co-Chair

Date : 10<sup>th</sup> April '2020, Friday  
Time : 5:30 pm to 7:00 pm IST

**Register Now !**  
Send your e-mail to - [gppatel14@gmail.com](mailto:gppatel14@gmail.com)  
Registration Charges NIL  
First come first serve basis

Join ASHRAE & get Membership Kit Free...

RSVP | Rajendra Mevada || 98795 22028 || [ashrae.westernindia@gmail.com](mailto:ashrae.westernindia@gmail.com)  
Gaurang Patel || 94279 07605 || [gppatel14@gmail.com](mailto:gppatel14@gmail.com)

Presented By **Mr. Pankaj Dharkar & Ar. Ravi Ramparia**

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Participants 208
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SCHEMATIC SECTION THROUGH STATION AND HOTEL







# Gem Sustainability Certification Program

By ASSOCHAM Supporting Society

30th May 2020



# Webinar on Importance of Chiller Star Labeling Program in India Organised by YEA – 29th May 2020.



## Webinar On Importance of Chiller Star Labelling Program in India

**29<sup>th</sup>** Friday  
May 2020

**Timing :**  
5.00 pm to 6.30 pm



Limited Seats upto 500  
First Come First Serve Basis

**Ravindra Rathi**

B.Tech. - Mechanical Engg  
YMCA Institute of Engg. Faridabad  
Manager (Product Lead) - Applied (Chillers) R&D at Daikin  
Airconditioning India Pvt. Ltd.



Chiller Star Labelling Program - The program was formulated by Bureau of Energy Efficiency (BEE). It envisages providing star rating in terms of its energy performance. The program will be mandatory from 1st Jan 2021. BEE has developed online registration platform for easy and expeditious approval under this program. It will allow manufacturers to register online for availing appropriate star rating of chiller equipment. Based on test certificate from designated agencies and after due verification from BEE, star label on the scale of 1 (less efficient) to 5 (most efficient).

Significance of star labeling of chillers - It will help promote advancement technology for central HVAC (Heating, ventilation & air conditioning) systems and will also facilitate energy efficient solutions for large commercial and industrial applications. It will also help to save more than 500 million units of electricity along with Green House Gases reduction of 0.5 million-ton equivalent of Co2. It will also save more than 4 billion units of electricity by 2030 with Co2 emission reduction of 3.5 million ton.



Scan this QR Code  
to Register

**Prashant Pathak** President (2020-21) | **Vijay Panchal** President ASHRAE WIC | **Sneh Shah** ZC - Youth West | **Sohini Shah** YEA Chair | **Venkatesh Tade** Youth Chair (2020-21) | **Harshal Sarda** Secretary (2020-21)

**RSVP :** Mr. Rajendra Mevada +91 98795 22028 | ishraeahd@gmail.com

**Disclaimer :** The information provided within this Webinar is for general informational purposes only. While we try to keep the information up-to-date & correct, there are no representations or warranties, express or implied, about the completeness, accuracy, reliability, suitability or availability with respect to the information, products, services, or related graphics contained in this Webinar for any purpose. Any use of this information is at your own risk. We do not guarantee or declare that the information on webinar is accurate & correct. We are not responsible nor can they be held liable for any errors or omissions in the content of the webinar.

**Speaker :** The views expressed in presentation made at webinar or other webinars are those of the speaker & not necessarily of ISHRAE. Presentations, or the presence, does not constitute an endorsement of the vendor or speaker's views, products or services.

# PROGRAM SUMMARY

TYPE OF PROGRAM	LOCATION	ORGANISED	PLANNED
FULL DAY	AHMEDABAD	03	01
HALF DAY	AHMEDABAD & INDORE	02	02
TECH TALK	AHMEDABAD, INDORE & VADODARA	09	05
ASHRAE DL	AHMEDABAD	02*	01*
REFRIGERATION	AHMEDABAD & INDORE	02*	01*
TOTAL PROGRAM		14	08

\*Not added in Total as it is considered in FD/HD or TT



## Introduced Membership Kit





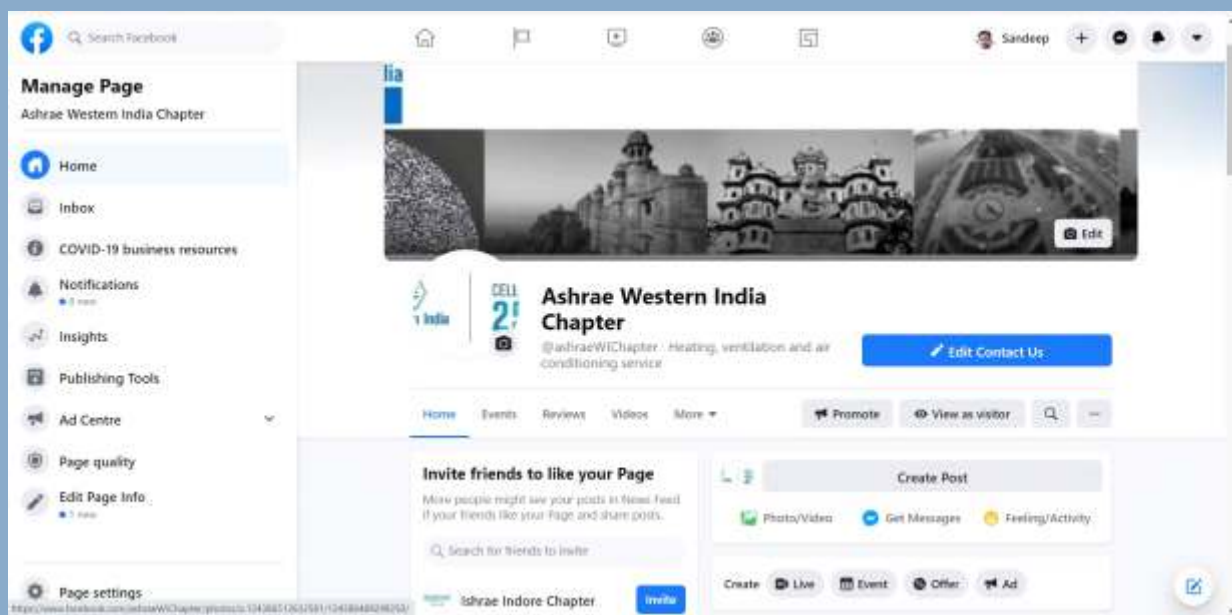
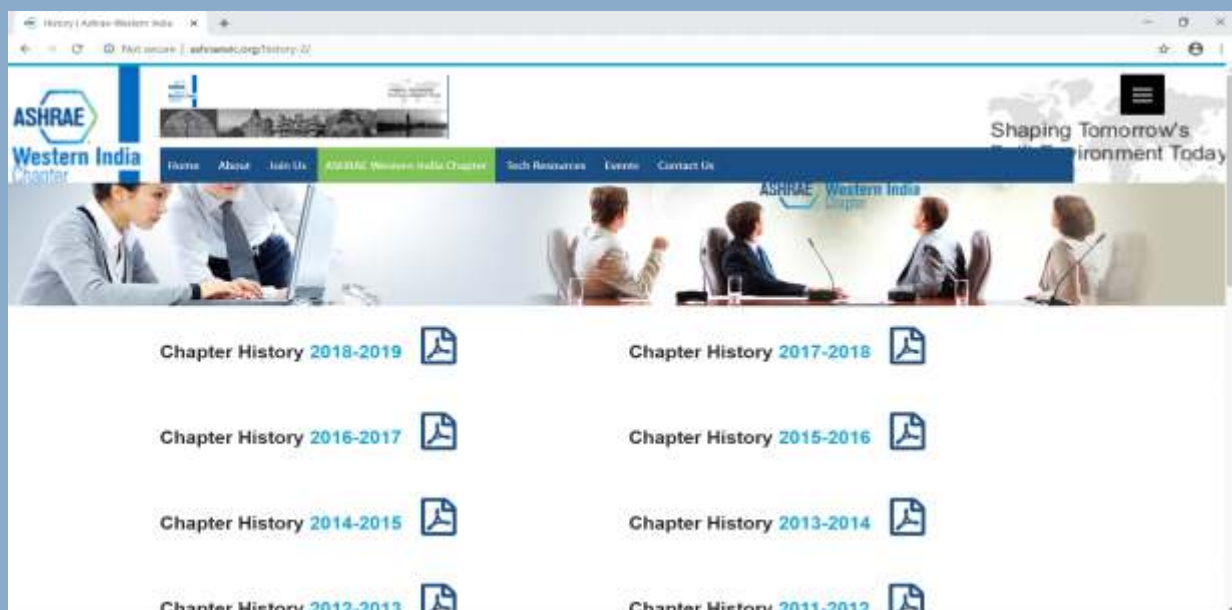
## MEMBERSHIP AT A GLANCE

Details	At Present (As on 24 <sup>th</sup> June 2020)
Old Member	66
New Members	26
Re Joined Members	11
Grace Advancement	3
Member Cancellation	15
New Student	40
Old Students	91
Student Transfer	1
Transfer Out	7
Total	260



## GEOGRAPHICAL PRESENCE OF MEMBERS





## Communication/Social Media

Website revival

New Facebook page created

Base camp



**Leadership Academy attended  
by Mr. Guarang Patel – 6th March 2020.**



### REGION-AT-LARGE

#### 2019-2020 Presidential Award of Excellence

Chapter#	ChapterName	MP	SA	RP	Historical	Commu.	Chapter Operations	CTTC	GAC	YEA	TOTAL
158	INDIA	1760	9123	2265	1400	775	2630	3025	1850	550	23378
160	PYRAMIDS	2075	2846	1910	1150	365	2050	3450	2950	2025	18821
161	CAIRO	1670	3105	1840	1300	860	2740	3800	1500	1525	18340
162	ASHRAE MUMBAI	1210	3745	1605	550	435	1310	4725	2050	1200	16830
163	WESTERN INDIA	1755	2515	2395	550	685	1935	2250	1470	1275	14830
164	ASHRAE FALCON	1260	550	2405	350	900	300	2375	1750	875	10765
169	ASHRAE NIGERIA	3605	150	1500	1000	75	1620	400	0	1025	9375
171	CHENNAI	1160	575	2125	550	530	1395	1175	550	525	8585
174	SRI LANKAN	360	800	1355	1450	660	1290	1150	850	625	8540
175	PUNE	536	550	1515	350	405	800	2425	600	925	8106
179	NORTHERN PAKISTAN	226	2939	125	550	485	1245	1100	1000	350	8020
181	ASHRAE BANGALORE	500	1645	1005	100	564	480	2050	0	350	6694
184	ASHRAE DECCAN	1350	560	1185	150	0	525	1425	0	800	5995
185	SOUTH AFRICA	1265	0	1500	650	250	525	675	550	250	5665
186	PAKISTAN	675	150	775	550	0	30	0	2900	150	5230
187	TURKISH	960	1935	25	750	85	40	685	0	150	4630
188	CENTRAL PAKISTAN	380	980	25	700	420	375	950	50	650	4530
189	KUWAIT	11	950	1245	0	130	470	750	200	500	4256
191	Rajasthan	161	810	0	250	360	595	900	150	950	4176
193	BAHRAIN	1860	0	925	0	0	10	0	0	400	3195
197	Chandigarh	710	800	0	0	0	0	0	0	700	2210
207	QATAR ORYX	246	0	705	500	100	60	175	0	150	1936
210	LEBANESE	480	250	195	0	35	200	200	0	250	1610
211	JORDAN	450	0	100	400	0	10	200	0	50	1210
212	SAUDI ARABIA	245	150	425	0	0	130	0	0	0	950
215	Libya	410	0	0	0	0	0	0	0	300	710
216	BANGLADESH	151	150	25	0	0	0	0	0	0	326
217	FAISALABAD	26	150	0	100	0	0	0	0	0	276
218	Oman	25	0	0	0	0	0	0	0	0	25
219	East India	0	0	0	0	0	10	0	0	0	10



# PAOE POINTS

## **STAR** (PAR in all categories)



## **Honor Roll** (PAOE for at least four consecutive years)



## **High Honor Roll** (STAR for at least four consecutive years)



## **Special Citation** (5 of 6 Categories with minimum 5,500 points)



# PAOE

## POINTS

| RANKING ACROSS RAL |

### PAOE points As per Membership Strength

Total Chapter PAOE points

Young Engineers in ASHRAE

Government Affairs

Chapter Technology Transfer

Chapter Operations

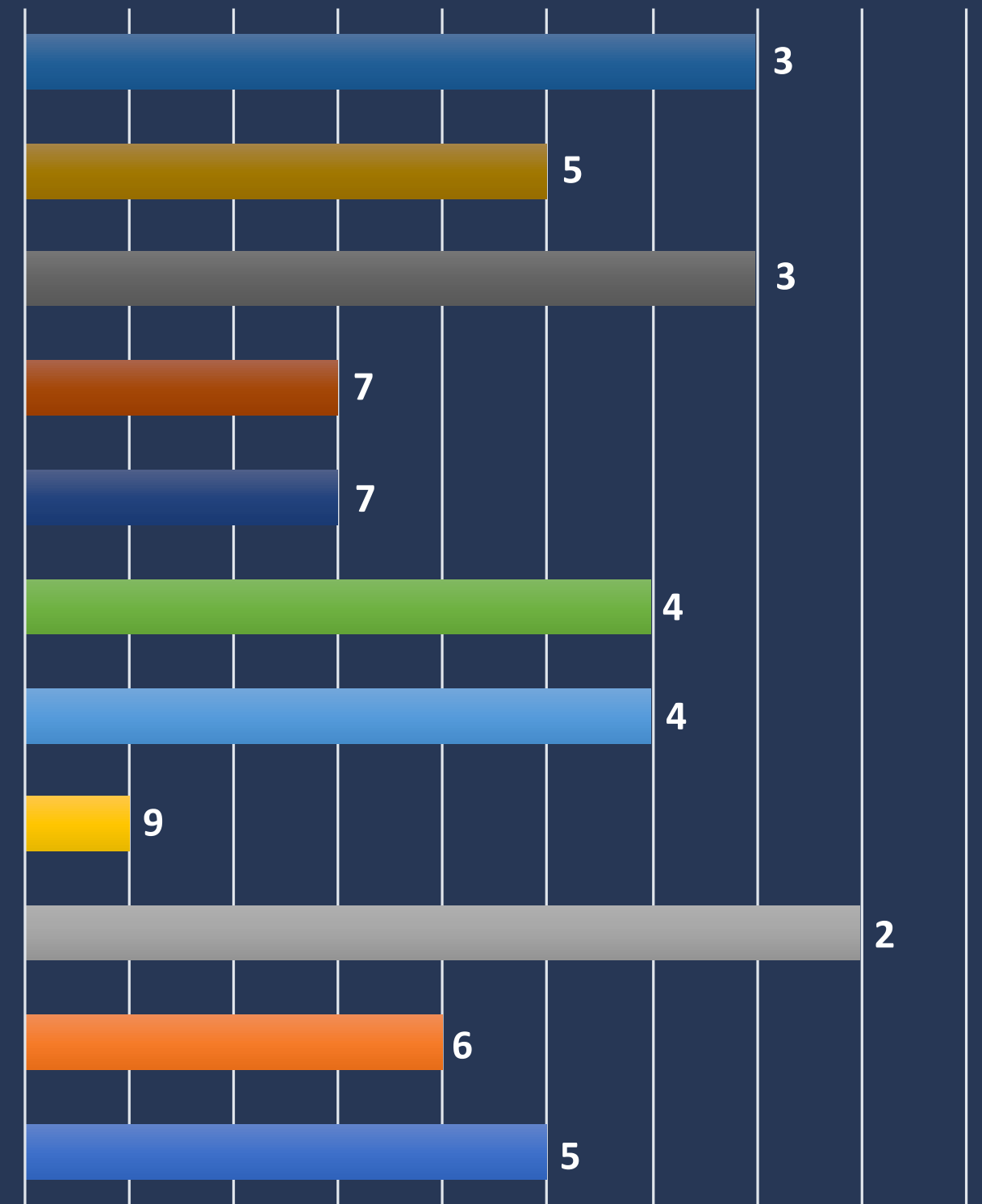
Communications

Historical

Research Promotion

Student Activities

Membership Promotion







# HIGHLIGHTS

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# HIGHLIGHTS

- **3 New Student Branch Installation.**
- **Hosted Sub Region – II, RAL Co-ordination Meeting.**
- **2 Visit of DRC- RAL & many Leading RAL Officers.**
- **12 Tech. Programs & 2 DL Programs Organized.**
- **Website & FB Page revived updated regularly.**
- **Historical Mega BOG meeting in presence of DRC & many RAL leaders.**
- **Project of Chapter Opportunity Fund commissioned.**



# ACHIEVEMENTS

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- **Krutikaa Sharma Won First Price in Student Competition at Jordan.**
- **Selection of Mr. Aakash Patel at Society Level as well as Region Level Position.**
- **Selection of Aditi Shah at Region Level position.**
- **11 old members have Re-Joined ASHRAE.**
- **26 New Members Joined ASHRAE.**
- **136 % Growth in YEA Membership.**
- **Highest RP collection, High Five & Challenge Goal Achieved.**

# INITIATIVES





- **MP Team of five senior member from each location.**
- **Introduced MP kit for new member.**
- **SA Team of five members.**
- **Electronic Online Voting.**
- **Online BOG Meetings & Video Conferencing.**
- **Online orientation of PAOE points.**
- **Whats app Group of Members**
- **Active use of BaseCamp.**