



**ASHRAE CHENNAI
CHAPTER
NEWS LETTER**

(bi-monthly)

Issue No.1

01 / 2018.

(for private circulation only)

Dt. 01.02.2018

Editor: Sayani Vidyasagar.



*Shaping Tomorrow's
Built Environment Today*

From Chapter President Desk....

The first issue of “ASHRAE CHENNAI CHAPTER NEWS LETTER” is before you. This will satisfy the basic objective of ASHRAE namely the “shaping of Tomorrows Built Environment Today”.

Energy Efficiency is the by-word in the context of shaping tomorrow’s-built environment today, or Building “Green”

There is another aspect of Green which we have not touched in to-days context. This deals with the real Green of our Rural Farms. The refrigeration for storage and transportation of Vegetables and Fruits is the need of the hour.

Look forward to articles from members of ASHRAE to keep this newsletter Vibrant and Informative.

Chapter President.
Mr. Mansoor J Bhavnagarwala

Committee members (2017-18)

President: Mr.Mansoor J Bhavnagarwala
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President-Elect:Mr.SridharVijayaraghavan
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Vice President:Mr.Dr.Swaminathan Jose
Past President& GGAC: Dr. Prakash Maiya
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BOG & COMMITTEE Members:

Secretary:VijayabhaskaranSubbiah
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Treasurer: Mr.RamalingamBalaji
9543666002

Mr. DuraisamyBalakrishnan – Chapter
Administrator

Dr. R. Saravanan – Chair Refrigeration

Mr. CibiChakravarthy – Chair Student Activities

Mr. MahadevanSriram – Chair CTTC

Mr. Haribabu Sayani – Chair Membership
Promotion

Mr. Rasheed Salman – Chair Sustainability

Mr. Subburaj Rajesh – Chair YEA

Mr. RathinamJaganraj – Co-chair YEA

Mr. S Vidyasagar. - Historian

Mr. SankaranJanakiraman - Chair Attendance
Committee

Mr.K.Sajeesh Kumar – Electronic Sub Committee
Member

Mr.Ashok Kumar S - Sub Committee Member

Mr.Neethimohan.V - Sub Committee Member

Mr.Hariprasad I - Sub Committee Member

New website activated :
<http://www.ashraechennai.com/>

ARTICLES FOR NEWSLETTER 2018

The Global HVAC Industry

- Analysts forecast HVAC equipment market in China to grow at a CAGR of 8.51% through 2019.
- The global HVAC industry is expected to have a 4.34% CAGR through 2022.
- This is expected to generate total revenues of nearly \$70 billion in total.
- Asia-Pacific continues to be the leading revenue generator in the global HVAC market thanks to the increase in demand for split-air conditioners.
- Global demands for HVAC equipment are expected to increase by 6% annually through 2020.

Both the mature markets for the HVAC industry and the developing markets have a lot of potential. It's the new construction opportunities in the mature markets which are fueling new revenues, while in the developing markets, it is innovative products and technician maintenance and/or installation. Although the HVAC market isn't one of the larger markets in the world today, it is still a solid contributor to local and regional economies and that is why a healthy industry is so important.

HVAC Industry Forecasts.

- The total HVAC industry in the United States is expected to see around \$60 billion in revenues in the next 12 months.
- Industry revenues within the HVAC industry have been growing steadily at a 1% annualized rate since 2008.
- 28% of the HVAC industry is comprised of single family homes. Another 6.1% of the industry serves apartment buildings.
- The healthcare industries contribute just over 13% of the total revenues that are collected by the HVAC industry annually.
- Manufacturing and industrial applications [10.5%] are just slightly higher than office building applications [10.1%] in terms of HVAC revenues.
- Demand for HVAC equipment is forecast to increase 6.8% annually through 2019 to reach a total of \$20.4 billion.
- Shipments of HVAC equipment are expected to grow at 6% per year through 2019 to \$16.5 billion.
- Imports are expected to account for a growing share of the demand for all HVAC products, exceeding 25% of the total demand for the first time ever in 2019.
- 44% of HVAC sales will continue to be unitary air conditioners, which are consistently the largest share of the demand this industry sees.
- Heat pumps and warm air furnaces are expected to see the highest levels of total growth in the industry.

Events

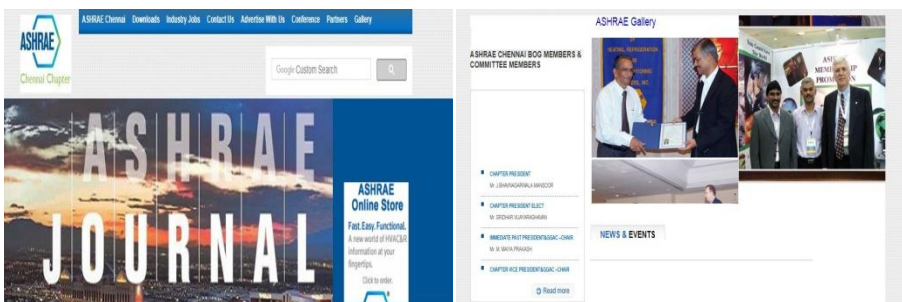
Tech talk at Licet , Loyola college on 23 rd January 2018.



Other Event Photos



Ashrae Chennai Website



New Members

ASHRAE welcomes the following New Members

Name	Organisation
1. Dr.Moses Raja Cecil	LOYOLA ICAM COLLEGE OF ENGINEERING AND TECHNOLOGY
2. Mr.Joel Mathew Chandy	Nezar Al- Anjari Consulting Bureau, Kuwait
3. Mr.Abhijith.CM	STAT CONSULTANCY PRIVATE LIMITED
4. Mr.Edwin Dev Das	Greenie Dews Consultancy
5. Mr.James Deepak .D	Loyola ICAM College of Engineering and Technology
6. Mr.Hariprasad Ishtalingam	EBM Consultancy
7. Mr.Shriram.K.S	Empereal KGDS
8. Mr.SajeeshKuma Kattila Paramp	Carrier Midea India Pvt Ltd
9. Ms.SMEC labs	
10. Mrs.Queen Florence Mary	Loyala College
11. Mr.Raghu Mayilvaganan	Innowell International Pvt.Ltd
12. Mr.Nidhin M Menon	Elemec Electromechanical & Cont. LLC
13. Mr.Jaganraj Rathinam	PSYCHROMETRIC DESIGN SOLUTIONS
14. Mr.Janakiraman Sankaran	Eta General Pvt Ltd
15. Mr.Manish P Shah	Swastika Corporations
16. Mr.Ashok kumar Subramanian	Alp Aeroflex India Pvt Ltd
17. Mr.Balachander Sundaram	Marathon Electric India P Ltd
18. Mr.Ramesh Ulaganathan	ZAMIL AIRCONDITIONERS PVT.LTD
19. Mr.Neethimohan Vaithilingam	Pioneertempcontrol services