

ACADEMIC YEAR
2020-2021



DEPARTMENT OF MECHANICAL ENGINEERING,
MBCET



ISHRAE (Office bearers)

Name of the Student	Office post
Mr. Sibi Ponnachan	Past President
Ms. Salma Asraff	Secretary
Mr. Anandu J	Treasurer
Ms. Arva S Swami	CWC member
Mr. Zac Zachariah	President Elect
Mr. William George	CWC member
Mr. Akhil P	CWC member
Mr. Prathyush Moni S J	CWC member

In the month of February 2021, Mr Vishnu Prasad KR has transferred his role as Faculty In Charge to Mr Vishnu Asok.

Also Mr Sibi Ponnachan transferred his role as the active president to Mr Zac Zachariah

ISHRAE

The **Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)** was founded in 1981 at New Delhi by a group of eminent HVAC&R professionals. It is led by a team of elected officers, who are members of the Society, working on a voluntary basis, and collectively called the Board of Governors. ISHRAE objectives are advancement of the Arts and Sciences of Heating, Ventilation, Air Conditioning and Refrigeration Engineering and Related Services, Continuing education of Members and other interested persons in the said sciences through Lectures, Workshops, Product Presentations, Publications, Expositions and Encouragement of scientific research. ISHRAE conducts Conferences, Seminars, Exhibitions, Workshops, Panel Discussions and Product Presentations throughout the country with both national and international participants to discuss, promote and display the state of the art technologies, systems, products and services.

ISHRAE Objectives:

- Advancement of the Arts and Sciences of Heating, Ventilation, Air Conditioning and Refrigeration Engineering and Related Services.
- Continuing education of Members and other interested persons in the said sciences through Lectures, Workshops, Product Presentations, Publications and Expositions.
- Rendition of career guidance and financial assistance to students of the said sciences.
- Encouragement of scientific research.

ISHRAE Mission:

To promote the goals of the Society for the benefit of the general public. Towards this objective, the Chapters of the Society participate in, and organize, activities to protect the Environment, improve Indoor Air Quality, help Energy Conservation, provide continuing education to the Members and others in the HVAC & related user Industries and offer certification programs, career guidance to students at the local colleges and tertiary institutions.

ISHRAE Activities:

As part of its objectives to promote the interests of the HVAC&R Industry, ISHRAE is involved in various activities. ISHRAE reaches out to all its members and seeks their active participation & involvement in all the Events/Programs organized by the society.

ISHRAE student chapters in more than 150 engineering colleges encourage students to opt for careers in the HVAC&R industry. Knowledge dissemination is done through seminars, quiz contests like aQuest, plant and site visits.

ISHRAE has launched “ISHRAE Job Junction” nationally, providing a platform for leading employers to recruit candidates who are members from ISHRAE student chapters.

K-12 initiative of ISHRAE is focused on school students’ contests, in making them aware of subjects like, energy conservation and environmental concerns through drawing

competitions, poster design, quiz and planting of trees. Emphasis on STEM education is stressed to inculcate a scientific fervor & help develop these young children into responsible citizens.

Research: ISHRAE promotes research in the field of HVAC&R technology. It offers financial support to Graduate/Post Graduate students, to carry out innovative work on R & D in Technology, Systems, and Processes. ISHRAE partners with Industry to carry out scientific research t Institutes associated with ISHRAE for this purpose.

ACREX INDIA: ISHRAE organizes ACREX INDIA, the largest international exposition in South Asia on the Air-Conditioning, Refrigeration, Ventilation and Building services industry. Held annually, ACREX with nearly 500 exhibitors is considered to be a major opportunity to showcase the latest technologies/innovations, and provide a platform for buyer-seller meet, for technical & commercial personnel in the HVAC&R field.

Publications: ISHRAE publications strive to help its members & the industry keep up-to date with the technical developments, latest trends, and sunrise technologies. ISHRAE Standards, Fundamental books on various topics, HVAC&R Handbooks and the extremely popular & informative ISHRAE Journal, are a few such publications.

ISHRAE MEMBERSHIP LIST

1	S00088560	Ms. Aarya S.	27	S18066079	Mr. GAUTHAM SANAL
2	S00088473	Mr. Nandu Krishnan V	28	S18066031	Mr. ANANDU J
3	S20088472	Mr. AJAY V	29	S20089050	Mr. Melvin Eapen Thomas
4	S00088468	Mr. Vaishnav S R			
5	S00088466	Mr. James S			
6	S00088462	Mr. Gautham Girish			
7	S00088461	Mr. Ruben Geo Ribu			
8	S00088460	Mr. Fazil Mohammed Ms			
9	S00088459	Mr. Mohammed Suhail			
10	S20088449	Mr. Joel V John			
11	S00088435	Mr. Anzil Ahmed Mansoor			
12	S00088399	Mr. Arun K Sundaram			
13	S00088397	Mr. Abhijith S			
14	S20088389	Mr. Ashin Sakkeer			
15	S00088368	Mr. Sidharth Nair			
16	S00088367	Mr. Sam Rony Zachariah			
17	S00088359	Ms. Arva S Swami			
18	S00088351	Mr. Libin K Lukose			
19	S00088300	Ms. Salma Asraff			
20	S00088288	Mr. KAILAS NATH N I			
21	S19085512	Mr. PRATYUSH MONI S J			
22	S00085483	Mr. Sanjay Menon A.J.			
23	S00085448	Mr. William George			
24	S00085429	Mr. Akhil P			
25	S18066540	Mr. JEFFERSON ALOYSIOUS			
26	S18066080	Mr. Sudin R			

ISHRAE CHAPTER ACTIVITIES

1. WEBINAR- “Cosmos, Mysteries and a Teeny Tiny Stardust” as a part of World Space Week, under ISHRAE-MBCET Student’s Chapter

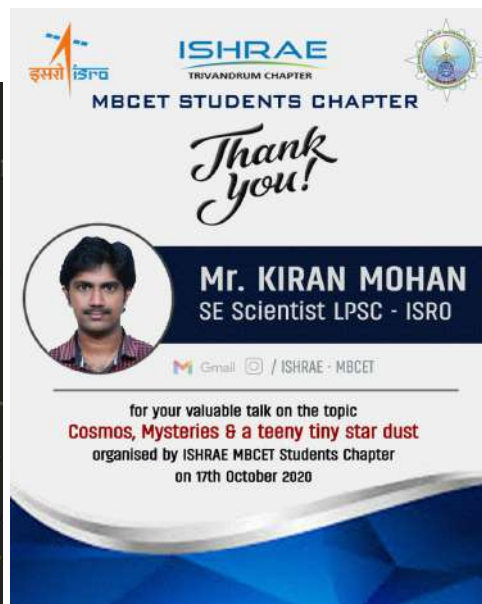
Date: 13.10.2020

Time: 7.30-8.30 PM

This was a webinar conducted by the chapter in October in light of the international space week. Mr Kiran Mohan (scientist LPSC, ISRO) delivered the webinar. points regarding space, particles ,atoms and how it all related to the human race and its existence on planet earth was discussed. Various feats, theories and philosophies of space exploration and discovery were talked about. The session concluded with a 15 minute interaction between the speaker and students. The talk was attended by almost 250 people, and was open to all including teachers, working professionals, and non-ISHRAE members. Attendees were provided with certificates from ISHRAE. Honourable dignitaries like Dr. Abraham T Mathew (Principal, MBCET), Dr. Rajesh T N (HOD, Department of Mechanical Engineering-MBCET) and Mr. Noushad Hussain (President, ISHRAE Trivandrum Chapter) graced the event with their presence. All executive members of ISHRAE MBCET Student Chapter and the staff Coordinator, Mr. Vishnu Prasad K.R (Asst. Professor, Mechanical Engineering, MBCET) were appreciated for the smooth conduct of the event by our honorable Principal. As a token of our love and gratitude towards Mr. Kiran Mohan, a “Thank You” poster was prepared and shared in social media, which got wide attention and publicity over various social media handles.

No. of Attendees: 250

Some Snapshots



2. TALK WITH FIRST YEAR STUDENTS, as part of online induction of new students to college

Date: 30.11.2020

Time: 3.30-4.30 PM

This was a webinar conducted by the chapter in November in relation to welcoming the new students that had joined the college. The talk was conducted via Google meet platform. Core members and CWC's prepared a presentation for the students, which stated the various benefits of being an ISHRAE member. The opening lines were given by Mr. Sibi Ponnachan, followed by the rest of the core members including Ms Salma Ashraff, Mr Anandhu J Ms Arva S Swami, Mr William George . A short movie of existing ISHRAE members giving testimonials to the organization and chapter activities was also played.



3. ISHRAE JOB JUNCTION

Date: 25.3..2021

The ISHRAE job junction preliminary examination was conducted by means of proctor online test on the 25 March 2021, which gives a lot of placement opportunities to the students in the HVAC field. The Chapter had almost 11 students who wrote the exam an out of which

1. Arva S Swami
2. James S
3. Joel V John
4. Sam Rony Zachariah

have passed. They were congratulated via whatsapp messages in the chapter's official group