



CSMSS ISHRAE STUDENT CHAPTER
ISHRAE CHHATRAPATI SAMBHAJINAGAR CHAPTER
S.Y. (Society Year) 2024-25

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Department of Mechanical Engineering

ISHRAE (CSMSS Student Chapter)

Kanchanwadi , Paithan road, Chhatrapati Sambhajinagar

INDEX

SR. NO.	INDEX
1.	Vision Mission of Institute and Department
2	Summary of events
3.	About ISHRAE
4.	Office bearers of CSMSS ISHRAE Student Chapter
5.	List of Student Members
6.	CSMSS Student Chapter ISHRAE Orientation Program
7.	Installation Ceremony
8.	IEC Workshop on Project Management
9.	ISHRAE Cool Conclave
10	Awareness Quiz on ISHRAE and HVA&C
11.	ISHRAE Knowledge talk on Ventilation
12.	Webinar on Modern Trends in Subzero Refrigeration
13.	Expert talk on Engineering Synergies for Sustainable Growth
14.	ISHRAE National Program on Pharma Connect with HVAC&R
15.	Career opportunities as design engineer in HVA&C Industries
16.	Career opportunities as Piping Designer - E3D / S3D - Oil and Gas Industry
17.	Short Term Training Program (STTP) on Robotics and Automation

CSMSS ISHRAE Student Chapter
No. of student members - 36
SUMMARY OF EVENTS

SR. NO.	EVENT	DATE
1.	CSMSS Student Chapter ISHRAE Orientation Program	17 th June 2024
2.	Installation Ceremony	22 nd August 2024
3.	IEC Workshop on Project Management	01 st June 2024
4.	ISHRAE Cool Conclave	01 st August 2024 to 03 th August 2024
5.	Awareness Quiz on ISHRAE and HVA&C	17 th August 2024
6.	ISHRAE Knowledge talk on Ventilation	24 ^h August 2024
7.	Webinar on Modern Trends in Subzero Refrigeration	24 ^h August 2024
8.	Expert talk on Engineering Synergies for Sustainable Growth	10 ^h September 2024
9.	Career opportunities as design engineer in HVA&C Industries	08 th November 2024
10.	Career opportunities as Piping Designer - E3D / S3D - Oil and Gas Industry	08 th November 2024
11.	ISHRAE National Program on Pharma Connect with HVAC&R	09 th November 2024
12.	Webinar on HVAC System Selection and Applications of Larger HVAC Plants for System Optimization and Energy Efficiency	19 th November 2024
13.	Short Term Training Program (STTP) on Robotics and Automation	11 th December-13 th 2024

About 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. ISHRAE today has more than 12,000 HVAC&R professionals as members and additionally there are 7,500 Student-members. ISHRAE operates from 41 Chapters and sub-Chapters spread all over India, with HQ in Delhi.

Main objective of ISHRAE is 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 Programs

ISHRAE conducts Conferences, Seminars, Workshops and Exhibitions throughout the country with both national and international participants to discuss, promote and display the state-of-the-art technologies, systems, products and services. Mainly following events are organized pan India.

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.
- **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.
- **ACREX INDIA:** The largest international exposition in South Asia on the Air-Conditioning, Refrigeration, Ventilation and Building services industry. Held annually, ACREX 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.
- **NATIONAL STUDENT DESIGN COMPETITION (NSDC):** It is for undergraduate students on a selected theme, Cash prize is involved, Total four teams are chosen to participate.
- **AQUEST:** The all-India student quiz competition, which engaged a large number of ISHRAE student chapters across India, was a part of the suite that comprised ACREX India 2019-20. Branded aQuest with the tagline 'The ultimate engineering face-off', its preliminary rounds held by various ISHRAE chapters attracted entries from over 100 student chapters.
- **JOB JUNCTION:** ISHRAE Job Junction provides job opportunities to fresh graduate engineers and help industries recruit right candidates from registered ISHRAE Student Members.

Due to the Pandemic ISHRAE had to change its approach and shift its events on virtual platforms.