

LOK JAGRUTI UNIVERSITY (LJU)
INSTITUTE OF ENGINEERING AND TECHNOLOGY
Department of Mechanical Engineering

A Report

On

**“Awareness session on Indian Society of Heating, Refrigerating and
Air Conditioning Engineers (ISHARE)”**

For the Students of Mechanical Engineering Department

On 10th JUNE 2024 (Monday)

- **Objective:** “Mechanical Engineering Department has organized an expert session on “Awareness session on ISHARE” on 10th June, 2024. Key objective of this session was introducing Mechanical Engineering students and faculty to the HVAC&R (Heating, Ventilation, Air Conditioning, and Refrigeration) industry. The workshop emphasized the benefits of ISHRAE membership, professional development opportunities, and industry connections.”

Department	Mechanical Engineering Department
Date & Time	10/06/2024- 2:00 PM to 3:30 PM
Venue	Architecture Auditorium, 3rd Floor, L. J. Institute of Architecture.
No of Participants	40 students of Mechanical Engineering

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➤ **Head of the Department:**

Mr. Tushar Thakar

➤ **Faculty Coordinator:**

Dr. Diptesh Patel (Associate Prof. Mechanical Engineering. Dept.)

1.1 Introduction:

HVAC&R is an integral part of mostly every industry. It is difficult to witness many applications without use of HVAC&R. HVAC&R is no longer a luxury and is a part and parcel of modernized urban living. Currently the Indian HVAC industry is more than Rs. 25,000 crores strong. Further HVAC&R Industry is poised to have an exponential growth and requires huge skilled manpower at all levels, under multiple disciplines. The rapid urbanization along with strong infrastructural development will continue to propel the demand. This industry has a major role to play in some of the most important aspects affecting human lives such as Environmental protection, Energy conservation, Indoor Environment Quality & Food preservation

1.2 Objective of Event:

- To educate participants about the HVAC&R industry.
- To highlight the benefits of ISHRAE membership.
- To provide insights into career opportunities within the HVAC&R sector.
- To offer practical learning experiences through demonstrations and interactive sessions.

1.3 Benefits of ISHRAE Membership:

1.3.1 Benefits to Students:

- Access to ISHRAE e-Journal, covering lot of technical articles.
- Participation in National level Quiz and Design Competitions.
- interaction with Industry professionals (Networking).
- Career Guidance & opportunities.
- Grants available to conduct Research Projects.

1.3.2 Benefits to Institute & Faculty:

- Interaction with a vibrant professional Society.
- Helps to groom leadership among their students.
- Opportunity to establish Academia-Industry cooperation.
- Develop a competitive edge over other Institutes.
- Access to the latest research, trends, and technologies in HVAC&R.

1.4 Highlights of the Event:

- **Engaging Keynote Sessions:** The keynote sessions provided a deep dive into the HVAC&R industry, covering fundamental concepts and recent advancements.
- **Detailed Discussion on ISHRAE Membership:** Participants were informed about the extensive benefits of ISHRAE membership, encouraging them to join the society.
- **Career Guidance:** Students received clear guidance on potential career paths within the HVAC&R sector, along with the skills and qualifications needed.
- **Interactive Q&A and Demonstrations:** The interactive session facilitated direct engagement with industry professionals, and practical demonstrations provided a hands-on learning experience.

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1.5 Feedback from Participants:

The workshop received overwhelmingly positive feedback. Participants appreciated the informative presentations and the opportunity to interact with industry experts. Many students expressed interest in pursuing careers in HVAC&R and joining ISHRAE.

1.6 Outcome of the Event:

The ISHRAE Awareness Workshop successfully achieved its objectives, providing valuable knowledge about the HVAC&R industry and the benefits of ISHRAE membership. The event fostered greater interest in HVAC&R careers and encouraged professional development among students and faculty. The positive feedback underscores the importance of such workshops in bridging the gap between academia and industry.

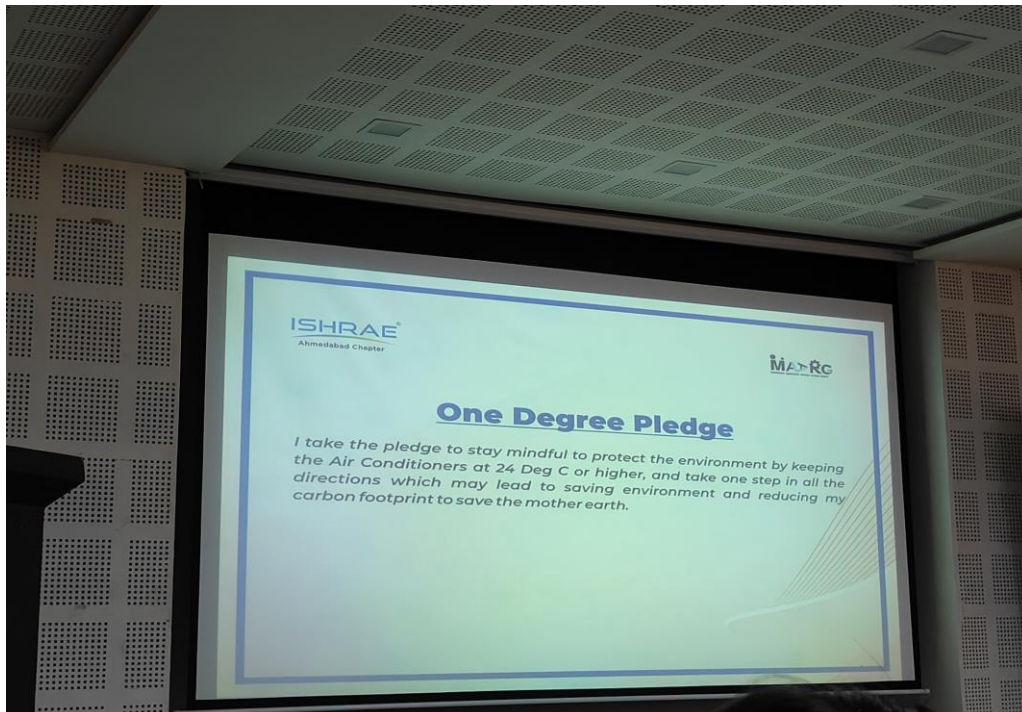
1.7 Glimpses of the Event:



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ACKNOWLEDGEMENT

The coordinators are grateful to the College authorities, Management and the President - Dr. Manish Shah (LJK Trust) for supporting them to carry out such a program and for providing the support. Secondly, the coordinators would like to thank Dr. Prexa H. Parikh - Director (L.J.I.E.T.), who encouraged the coordinators for this program. Also, the coordinators extend their gratitude to the Mr. Tushar Thakar - Head of the Department, who has played a major role by being there at the time of need. Last but not the least; the faculty members did a wonderful job and the coordinators are proud of each of their students.