

NKOCET has previously established ISHRAE Students' chapter which works in coordination with ISHRAE Kolhapur Chapter. Recently on 17th April 2025, ISHRAE Solapur sub-chapter has been established. Due to establishment of the local sub-chapter, we look forward to initiate more number of student centric activities in collaboration with ISHRAE. NKOCET faculty member Dr. M. B. Kulkarni has been nominated to act as CWC member of ISHRAE Solapur sub-chapter.

The salient features of ISHRAE students' club are as given below:

1. Objectives:

- To promote awareness and knowledge about HVAC & R (Heating, Ventilation, Air Conditioning, and Refrigeration) systems among engineering students.
- To bridge the gap between academic learning and industry practices in thermal engineering and building services.
- To encourage student participation in technical competitions, workshops, and seminars related to HVAC & R.
- To facilitate interaction with industry experts and foster professional networking through ISHRAE events.
- To develop skills in energy conservation, sustainability, and green building technologies through applied learning modules.

2. Target Activities:

- Organizing guest lectures and technical talks by ASHRAE professionals and industry experts.
- Conducting hands-on workshops and training sessions on refrigeration cycles, psychrometry, and HVAC equipment.
- Participating in ASHRAE national-level events like ACREX, Techno-Chill, and Job Junction.
- Participating and Hosting intra-college events such as poster competitions, model-making contests, and quizzes on HVAC topics.
- Arranging industrial visits to HVAC manufacturing units, commercial buildings, or cold storage plants for practical exposure.

3. Impact on Students' Learning/Outcomes:

- Enhances understanding of real-world HVAC applications, beyond classroom theory.
- Improves employability by offering exposure to industry standards, tools, and trends.
- Develops technical and soft skills such as teamwork, project planning, and communication.
- Encourages innovation and problem-solving through design challenges and project work.
- Builds a professional outlook and readiness for careers in HVAC, energy, and sustainability domains.



Photograph during inauguration of ISHRAE Solapur sub-chapter