Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)

This Professional society was started in September 2015 under the Guidance of Dr. K. N. Narasimha Murthy Professor and HOD, Prof. Deepak C and Prof. Ravikumar T as Chief Faculty Advisors.

This Professional society currently has a total of 104 active student members of Mechanical Engineering department of SVIT and one faculty advisor Prof. Ravikumar T.

The purpose of this Professional society is to provide it’s members Knowledge of Advancement of the Arts and Sciences of Heating, Ventilation, Air Conditioning and Refrigeration Engineering and Related Services through Lectures, Workshops, Product Presentations, Publications and Expositions and also provides career guidance and financial assistance to students for scientific research.

Student membership Details:

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<tr>
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<th>2019-20</th>
<th>2018-19</th>
<th>2017-18</th>
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<tbody>
<tr>
<td>No. of students</td>
<td>104</td>
<td>41</td>
<td>35</td>
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<td>Members</td>
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Funded Projects:

- SVIT has got student funding for two consecutive academic years. In the AY 2016-17 a proposal was sent to ISPG on “Advanced Sequential Dual Evaporator Domestic Refrigerator” and received a project funding of Rs. 34,000/-. The project batch involved four students of Final year Mechanical Engineering Mr.Dishanth S V, Mr. Purushotham U, Mr. Siddanagouda Patil and Mr.Kiran Kulal. The faculty advisor for the project was Prof. Deepak C. The project was completed successfully and results are submitted to ISPG.

- In the AY 2017-18 a proposal on “Experimental Testing of Hydrate based vapor compression Refrigeration system” was sent to ISPG and received an project funding of Rs.54,800/-. The project batch involved four students of Final year Mechanical Engineering Mr.Nagesh N, Mr. Anirudh B A, Mr. Rahul S and Mr. Ghanshyam U S. The faculty advisor for the project is Prof.Ravikumar T.
Events Conducted:

1. Industrial visit to KMF Mega Dairy

Department of Mechanical Engineering, Sai Vidya Institute of Technology, Bangalore, organized industrial visit to KMF Mega Dairy for 7th and 5th semester students on 16th November, 2019 under the guidance of Prof. Ravi Kumar and Prof. Santhosh S Gaidhankar, Assistant Professor, Dept of ME, SVIT.

![Visit to KMF Mega Dairy](image1.jpg)

2. Technical talk on Career Progress in HVAC and Recent trends in Build Environment

The technical talk on Career Progress in HVAC and Recent trends in Build Environment was arranged by ISHRAE Student Chapter, Department of mechanical Engineering, SVIT in association with ISHRAE Bangalore chapter. In his lecture Mr. Jayaprakash Guruswamy discussed about job opportunities and career growth in the field of HVAC & R. He also introduced the participants about different HVAC systems, recent developments in the industry, modern tool usage and market growth.

![Mr. Jayaprakash Guruswamy during his presentation at SVIT](image2.jpg)

ASHRAE & ISHRAE Student chapter, Department of Mechanical Engineering, SVIT has organized a distinguished lecture program on “Energy Efficient Solutions for Commercial Kitchen Ventilation” on 13th March 2017. Dr. Andrey Livchack from USA has addressed the students of Department of Mechanical Engineering. He presented various modern design methodologies available in the commercial kitchen ventilation design and created interest among the students with his thoughts.

Dr. Andrey Livchack, USA during his presentation at SVIT

4. State Level Project Exhibition

The state level project exhibition was organized by ISHRAE Student chapter Department of Mechanical Engineering, SVIT in Association with ISHRAE Bangalore chapter on 18th May 2017 at SVIT Bangalore. The chief guest for the Project exhibition was Mr. T Hari Rao, President (2014-15) ASHRAE Bangalore Chapter. The guest of honor for the event was Mr. Thomas Managing Director, Air synthesis Pvt. Ltd.

Glimpses of Project Exhibition