


Indian Society of Heating, Refrigerating and Air-conditioning Engineers (ISHRAE) Student Chapter Activities


2017-18 :

No.	Date of activity	Title of the activity	Objective of the activity	Description of the activity	Achievements/Evidence of the activity (Photos)
1.	Aug 17- Jan 18	Design of HVAC system (Project)	To design an HVAC system according to the requirement and number of guidelines specified by the clients.	Students have participated in ISHRAE Students Technical League 2017 (ISTL) and won first prize. In this competition, a team of students are given a detailed floor plan and the building layout of a building, along with heat load sheet. Team has to design an HVAC system according to the requirement and number of guidelines specified by the clients.	<p>1st prize in intercollegiate competition conducted by ISHRAE Mumbai Chapter.</p> 

2016-17:

No.	Date of activity	Title of the activity	Objective of the activity	Description of the activity	Achievements/Evidence of the activity (Photos)
1.	4 th March 2017.	Guest lecture on Refrigeration and air conditioning	To provide practical knowledge in Refrigeration and Air conditioning by an industry expert	An invited talk was organized by ISHRAE on 'Refrigeration & Air-conditioning' by Prof. Avinash G. Shaligram.	

2015-16 :

No.	Date of activity	Title of the activity	Objective of the activity	Description of the activity	Achievements/Evidence of the activity (Photos)
1.	October 2015	Value added course on MATLAB	To provide introduction to MATLAB applications.	Value added course on MATLAB was conducted from October 2015 to November 2015 in the college. 17 students of Final year attended the course. They were given a deep knowledge as to how mathematical concepts can be related to engineering problems and applied to the same using MATLAB	
2	24 th January, 2016	Food distribution and event management at “Car Rally for the Blind”	To help blind people at the car rally.	An event named ‘Car Rally for the Blind’ was conducted on 24 th January, 2016. The tagline of the rally was You Drive-We Navigate wherein the main purpose was the welfare of the visually impaired and education for the under-privileged children. Under the aegis of National Associations of the Blind, the students of ISHRAE volunteered for the event.The students were	

				involved in food distribution & assisted in event management. The volunteers were honoured with a certificate by Mrs.Fadnavis.	
3.	10 th February, 2016	Guest lecture on Achieving Comfort Ventilation by combining Traditional Indian Practice and Modern Techniques’.	To provide practical training on HVAC	<p>A one-day invited talk was conducted on 10thFebruary, 2016 on the topic ‘Achieving Comfort Ventilation by combining Traditional Indian Practice and Modern Techniques’.</p> <p>The invited guest was Mr.Surendra H.Shah from Panasia Engineering Pvt Ltd. The honourable speaker informed the students as to how various domestic methods can be used to conserve heat energy and used accordingly. With the help of a reflective sheet, he practically demonstrated the mechanism of working of the silicon reflecting sheets.</p>	

Year 2014-15 :

No.	Date of activity	Title of the activity	Objective of the activity	Description of the activity	Achievements/Evidence of the activity (Photos)
1.	12 th to 14 th September 2014	Three day workshop on ISO/TS 16949 Automotive Standards by Mr J Sathe, TCS, Pune	To provide awareness on Tools of Quality Management System.	Workshop on assembly and disassembly of airconditioner 9 th August'2014	
2.	9 th February 2015	Workshop on Refrigerators	To acquaint students with assembly and disassembly of refrigerators.	Workshop on assembly and working of Refrigerators by M/s Himalaya Cool Services on 9 th February 2015. The Workshop was conducted by industry professionals with more than 15 years of experience. It included live demonstration of the assembly and working of a domestic refrigerator. The speakers also showed the working of an industry-level compressor assembly.	

3.	11 th February 2015	Guest lecture on Solar energy.	To provide knowledge on renewable energy sources.	An Invited talk on “Solar energy” by Ankit Barasia, Director-Solar Inertia was conducted on 11 th February 2015.	
4.	13 th March 2015	Guest lecture on Piping Technology	To provide knowledge piping design and applications.	A Guest lecture was held on “Piping” by M/s Suvidya Institute of Technology, Santacruz on 13 th March 2015	
5.	28th August 2014	Industrial Visit to M/s Prijay Heat Exchangers	To expose our students into operations in a heat exchanger manufacturing company.	Visit to Prijay Heat Exchangers dated 28th August 2014 by experienced professionals from Himalayan Cool Services	

2013--14 :

No.	Date of activity	Title of the activity	Objective of the activity	Description of the activity	Achievements/Evidence of the activity (Photos)
1.	19th March 2014	Guest lecture on Introduction to Air conditioning	To provide practical knowledge on Air conditioning.	An invited talk by Mr. Vikram Murthy was conducted on 19th March 2014 on the topic of Introduction to Air Conditioning and Skills required by Mechanical Engineers in Industry.	
2.	20th March 2014	Industrial visit to M/s Relance Thermal Power Plant.	To expose students to operations in a thermal power plant.	An industrial visit to Reliance Thermal Power Plant, Dahanu, Maharashtra was conducted on 20th March 2014.	