

**A Report on
Semester Activities
of
ISHRAE Student Chapter 2016-17**



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2016-2017**

ISHRAE Chapter 2016-17

Working Committee members list

Bhushan Patil	President
Anamika Mohite	Secretary
Harshal More	Treasurer
Dipali Kachare	Active Member
Pankaj Ghule	Active Member
Sunny Dubey	Active Member
Saurabh Aher	Active Member
Khushboo Chaudhari	Active Member
Sneha Dhone	Active Member
Suarav Sankhe	Active Member
Dhiraj Shukla	Active Member
Minal Kalokhe	Active Member



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ISHRAE STUDENT CHAPTER INSTALLATION CEREMONY 2016-17

This year, the Installation Ceremony of ISHARE decided to organize the Ceremony at one place and inviting different chapters there for Installation. Intension behind it was that the students will get an exposure and will get a chance to interact with other students from different colleges. This has made the Ceremony special because along with installation, different programs were arranged in it and students really enjoyed and appreciated the event a lot.

Student members of ISHRAE DBATU Chapter had hired MSRTC bus and left for Mumbai at 6.30am for the installation ceremony. They were assisted by Mayur Bramhankar, Abhijit Date, Kiran Khot and Mrs. Rupali Shet. Breakfast was done at Hotel Raigad Palace at around 10.30am. They reached Mumbai at around 2.15pm. As soon as they reached, registration was done and some free goodies were given from the sponsors.

The program was already started. As soon as they entered, Installation of DBATU Chapter was done. Mr. Sanjay Verma conducted the oath ceremony. The team for 2016-17 comprises of Bhushan Patil (President), Anamika Mohite (Secretary) and

Harshal More (Treasurer). After DBATU, installation of ISHRAE Chapter of Saraswati College was done. After that there was a lunch break at 1.30pm. Lunch was arranged beside the auditorium by ISHRAE.

After lunch, there was a fantastic Motivational talk was given by Mr. Ketan Gawand. In his talk, he shared many stories from which he gave excellent messages for life. He shared some stories from which one should have and gave list of books which everyone should read so as to have a greater understanding on oneself and life. After his talk, he sang a song and told the context behind every line. After that, meditation was done for 20 minutes. He got standing ovation and long claps after his talk. He was overwhelmed by the response.

After that, a Question-Answer session was held and many of the student's doubts about the Acrex'17, in plant trainings, projects and registrations were answered. Some new ideas and suggestion were also taken from the students so as to enhance the activities conducted by the ISHRAE Student Chapter. After that, students who topped the subjects related to Thermal Engineering in their respective Institutes were felicitated.

After that, DBATU Students left for Lonere. Dinner was done at Hotel Sai Kutir at around 10pm. Students safely reached Lonere by 11.45pm. The day proved to be a gret experience for 2nd year students and was an insightful day for 3rd and final year students. Everybody was very happy and moreover Students were able to celebrate Friendship Day together at Lonere.





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IQL 1 TEST

IQL TEST is a quiz competition arranged by ISHRAE for all chapters. For the elimination round of western region DBATU ISHRAE have to send two pairs participant. So for selecting those students we have conducted one MCQ based test which has 40 marks for thermal related questions and 10 marks for quantitative questions. Each wrong question has negative marking of 1/2. Test of second and third year students was conducted on 19/09/2016 and 21/09/2016 at 5.30 pm respectively. Test of final year students was conducted on 22/09/2016 at 5.30 pm.

Event head for this event was Dipali Kachare from final year whereas coordinators from respective classes are as follows:

Final Year: Dipali Kachare

Third Year: Saurabh Aher

Second Year: Dheeraj Shukla

Following students are selected for IQL Test:

Final Year: Pritam Pandurkar

Pankaj Anandpure

Third Year: Mandar Gaikwad

Sneha Dhone

Following students are selected for ISHRAE QUIZ LEAGUE of DBATU ISHRAE STUDENT CHAPTER which is going to be conducted in the next semester:

Final Year:

1. Pritam Pandurkar
2. Pankaj Anandpure
3. Tushar Fatji
4. Shraddha Phalke
5. Rohit Khade
6. Akshay Lambture

Third Year:

1. Mandar Gaikwad
2. Sneha Dhone
3. Shrikant Thorat
4. Pankaj Ghule

Second Year:

1. Sameer Ghanwat
2. Aniket Shinde



IQL Test of Third Year Students



IQL Test of Second Year Students



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ISHRAE JOB JUNCTION

ISHRAE Mumbai has arranged Job Junction for the second time for ISHRAE student members from west zone. It was held at Lokmanya Tilak College of engineering, Koparkhairne on 20, 21, and 22nd October 2016. From our University 49 students appeared for online test which was held on 7th October. 13 students could pass the test. Many well-known companies like Blue star, Voltas, Sterling and Wilson, Emerson, Vigneshwar Air conditioning, Calvin participated in Job Junction. Following students got placed on the 3rd day of event:

- **Chaitali Sawant** and **Akanksha Chavan** in **Vigneshwar Air Conditioning.**
- **Dipali Kachare** and **Shraddha Phalke** in **Calvin.**





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EXPERT LECTURE

Expert lecture on application of Refrigeration and Air conditioning was arranged by ISHRAE DBATU in premises of DBTU. Lecturer was Mr. Satish Deshpande and Mr. Madhav Kulkurni from EMERSON Atit. Programme was held in EDUSAT hall on 15th October at 12.00 pm. Mr. Deshpande delivered a presentation and lecture on Application of Refrigeration and Air Conditioning in 2 sections up to 2.30 pm. There were 60 students present for lecture including final year, M.tech and Ph.D students. Mr. Madhav Kulkurni delivered a presentation and lecture on Refrigerant for one hour.

Program was started with national anthem 12.00 pm. Then felicitation of expert was done by Dr. Agrawal sir. Then Mr. Deshpande started the presentation and gave detail idea about importance of Refrigeration and Air conditioning in industries and its techniques. There was lunch break at 2.30 pm. Then student gathered after one and half hour then Mr. Madhav Kulkurni started his presentation and lecture. Then snacks were distributed and programme came to an end with vote of thanks.





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JAMBOREE 4

The most awaited ISHRAE event Jamboree 4 took place at Saraswati College of Engineering, Kharghar on 7th January. Many more interesting events were included this time such as Spell Bee, Mad Ads, Slam Book, Best out of waste, Chapter Selfie, Case Study along with the classic events such as Technical Paper Presentation(TPP), Mock Interview(MI), Poster Design, T-shirt Design with amazing cash prizes. Also interesting games were arranged after the event for the entertainment of students. Dr. BATU students and students from different colleges also participated.

Student members of ISHRAE DBATU Chapter had hired MSRTC bus and left for Mumbai at 7 am for the event. They were assisted by Mrs. Manisha Sakte and Abhijit Date. Breakfast was done in the bus. They reached Kharghar at around 10 am. Students had already registered online. As soon as they reached there, the confirmation of registration was done for the various events.

The program was already started. Dr. Sanjay Varma delivered a speech regarding ISHRAE. Followed by that SCOE ISHRAE President Anand Pratap Singh also gave a speech featuring Jamboree 4. Mr. Bhavesh Mehta and Mr. Mihir Sangavi showed motivational video of miracle man. At 11.30 the Technical Paper Presentation event started. Correspondingly the 1st round of Mock Interview and

Spell Bee started. At about 12.30 pm TPP ended and the judges examined the posters, T-shirt designs, best out of waste models, slam book. After that there was lunch break at 1.30 pm.

After lunch, Mad Ads event took place at 2 pm. Till 2.30 the results of 1st round of MI were out and selected students were sent for Group Discussion which ended at 3 pm. Then Spell Bee final round took place in which students participated in the group of two. At about 3.45 pm the final round of MI started. The finalists were interviewed in front of the audience which was very interesting and students got the knowledge of how to face an interview.

The prize distribution started at 5 pm. Dr. BATU won hand-full of prizes. They won 2nd prize in core committee and participation with 750 points. They grabbed 1st position in the events Technical Paper Presentation, Mock Interview, Poster Design and Tech-Click and 2nd position in Mad Ad event. Also they won consolation prizes in MI and TPP. Abhijit Date delivered a small speech regarding Dr. BATU's success in Jamboree 4. A group photo was also clicked. Mr. Bhavesh Mehta appreciated Dr. BATU's participation. The program ended at 6 pm by giving token of gratitude to Mrs. Fauzia Siddiqui HOD of Mechanical Department of SCOE, Kharghar and other working committee. After the program snacks and games were arranged which were interesting and fun-loving. They left for Lonere at 7 pm and had dinner at 9.30 pm at hotel. They reached Lonere at about 12 am.





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INDUSTRIAL VISIT

The ISHRAE CLUB of DR.BATU, LONERE had arranged an industrial visit for third year mechanical engineering students on 10th February for academic year 2016-17. The President of this club and other office bearers took an initiative to arrange this visit at Emerson Climate Technologies Pvt. Ltd., Karad, Satara. The team of 39 members was led by Dr. Neeraj Agrawal (ISHRAE FACULTY ADVISOR) along with one M.Tech student and one departmental staff.

A bus of M.S.R.T.C was booked for journey from Lonere to Karad. This journey began at 7.30 am on Friday morning (10 Feb, 2017). The breakfast for midway journey was arranged by the club. The team reached Satara by 12 pm and had lunch. This was succeeded by arrival at the destination spot at 2pm. The officials of the company welcomed the team and guided further.

The company manufactures air compressors along with the interests in R&D sectors. The officials guided the team well efficiently giving useful information. The Manager and other officials described the team about the challenges in industrial fields. The students left the company by 6 pm. On the way back to lonere, the bus took a halt around 8pm in Satara for dinner. The further journey continued and reached lonere around 12am.

The visit was successfully completed without any barriers with smiling faces amongst all the students and teachers.





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ACREX REPORT

The 2017 chapter of ACREX India, the biggest, widest and a most dynamic global platform for industries. This event was held in Delhi. The focus was not limited only to HVAC & R exhibition but also Building Engineering Services that include Electrical & Plumbing Services, Building Automation and the ever growing Cold Chain Industry.

ACREX India 2017 was organized by the Indian Society of Heating, Refrigeration and Air Conditioning Engineers (ISHRAE) and was produced by Nuernberg Messe India Pvt.Ltd. It was held at the India Exposition Mart (IEMML), Greater Noida, Delhi.

Total 33 final year ISHRAE students had visited Delhi for this ACREX event with 4 faculty members. On 25th February 2017 we visited the ACREX event at 10.00am. Arrangement of lunch was done by ISHRAE at 1.00pm and the departure time was 5.00pm.

ACREX is a bridge between real industrial life and student life. It has shown latest and wonderful part of HVAC technology. ACREX is a best place to learn new things and think of new products, new startups, etc. ACREX is a great platform for engineers.





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MOTIVATIONAL TALK

By

Honorable Vice Chancellor Dr. V. G. Gaikar

The ISHRAE DBATU Chapter had arranged a motivational talk by the honorable Vice Chancellor of our university Dr. V. G. Gaikar on 18th March 2017 in the premises of DBATU. The Vice Chancellor arrived conference hall at 5 pm along with the faculty advisor Dr. Neeraj Agrawal and the Head of the Department Dr. M. Sadaiah. The program started with National Anthem. After that facilitation of the dignitaries was done. The faculty advisor of ISHRAE Dr. Neeraj Agrawal gave an introduction about ISHRAE. He gave a brief description about the chapter, the events taking place under it, the achievements of students in various events and the future scope. Soon after that the Head of Department Dr. M. Sadaiah gave his remarks about the club. He told some important points for the improvement of the club.

The Vice Chancellor Dr. V. G. Gaikar started his talk at 5.30 pm. This talk addressed the various ways for the development of the students. He motivated the students to take under projects which will help their self-development and also the development of university. He instructed the students to get practical knowledge about the HVAC industry than the theoretical one. He explained the objective of our parents to send here us to take education, what efforts we have to take to realize their dreams.

After the motivational talk by the honorable Vice Chancellor the students from 2nd year presented a new idea through a video. The video was informational and self-explanatory. During this the snacks were distributed among the students. Soon after this the felicitation of Jamboree winners, Subject toppers and the selected students of Job Junctions were done by the dignitaries. The President of the ISHRAE DBATU chapter presented the vote of thanks. The program ended at 7 pm.





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IQL 2 REPORT

Ishrae always give platform to the students to develop the interest in HVAC industry. For this purpose various events were conducted by ISHRAE. Ishrae Quiz League is one of them. Finalists were selected by the written test which was conducted in previous semester. Among 12 finalists 6 were from final year, 4 from third year and 2 from second year. Two toppers from final and third year had participated in IQL conducted by Mumbai Chapter. The final round of IQL was conducted on 18th April 2017 at 5.30pm at Noisy court. 6 teams were as follows:

Team A: Pritam Pandurkar and Sneha Dhone

Team B: Pankaj Anandpure and Aniket

Team C: Tushar Fatji and Mandar Gaikwad

Team D: Shrikant Chakurkar and Pankaj Ghule

Team E: Rohit Khade and Sameer Ghanwat

Team F: Akshay Lambutre and Shrikant Thorat

There were 3 rounds. First round was elimination round. In which 10 questions was asked for all 6 teams. Time of 1.30 min was given for each question. Each right answer carries 10 points whereas 5points were deducted for each wrong answer.

After the first round score was as follows:

Teams	A	B	C	D	E	F
Score	20	55	25	75	10	0

Teams A, B, C, D were selected for next rounds.

Next round was rapid fire round.5 questions were asked to each team and 1 min time was given to each question. Each right answer carries 10 points and whereas 5points were deducted for each wrong answer. Score of second round was as follows:

Teams	A	B	C	D
Score	0	30	10	20

Team B and D were selected for final round.

Final round was buzzer round which was conducted between team B and D. 10 questions were asked and one rang the bell first was given chance to answer. Negative marking was there for each wrong answer. **Team B score -10 points whereas Team D secured first position with 20 points.**

Dr. Neeraj Agrawal congratulated all 6 teams for their performance and the event was successfully completed upto 7pm.