

ISHRAE ACTIVITY REPORT

2018-19



ISHRAE
**JOB
+**
JUNCTION

ORGANISED BY **ISHRAE** HOSTED BY **LTCOE**
29,30,31
JANUARY 2019

MAJOR RECRUITERS



National IJ Chair: **Mr. R.N. Joshi** IJ Chair, Member: **Mr. Mihir Sanghvi**
IJ Co-ordinator: **Prof. Ajay Kashikar** IJ Co-ordinator: **Prof. V.S. Bhaskarwar**
IJ Co-ordinator: **Dr. Kavita Dhanawde** IJ Co-ordinator: **Dr. Chandrababu D.**
President, ISHRAE LTCOE: **Mr. Viren Shetty** Secretary, ISHRAE LTCOE: **Mr. Meet Chauhan** Treasurer, ISHRAE LTCOE: **Mr. Prathamesh Mhatre**

ACREX India 2019
28 February - 2 March 2019
BEC, Mumbai
www.acrex.in

South Asia's largest Exhibition on Air Conditioning, Heating, Ventilation and Intelligent Buildings.

THE UNIVERSE OF HVAC & R COMES TOGETHER HERE.

ACREX INDIA 2019 - A GALAXY OF OPPORTUNITIES

Over 500 Exhibitors	More than 18,000 Business Visitors	Area of 32,000 sq. m. Gross Area	Participation of Major Global Players from more than 25 Countries	Focus on: Building Automation (BMS) and Indoor Air Quality (IAQ)	Concurrent Activities: Technical Seminars, Interactive Panel Discussions, Students Quiz, Curtain Raiser, ACREX Awards of Excellence & ACREX Hall of Fame
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■ About ISHRAE:



The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE), was founded in 1981 at New Delhi by a group of eminent HVAC&R professionals. ISHRAE today has more than 12,000 HVAC&R professionals as members and additionally there are 7,500 Student-members. ISHRAE operates from 41 Chapters and sub Chapters spread all over India, with HQ in Delhi.

Main objective of ISHRAE is to promote the goals of the Society for the benefit of the general public. Towards this objective, the Chapters of the Society participate in, and organize, activities to protect the Environment, improve Indoor Air Quality, help Energy Conservation, provide continuing education to the Members and others in the HVAC & related user Industries and offer certification programs, career guidance to students at the local colleges and tertiary institutions.

ISHRAE Programs

ISHRAE conducts Conferences, Seminars, Workshops and Exhibitions throughout the country with both national and international participants to discuss, promote and display the state of the art technologies, systems, products and services. Mainly following two events are organized pan India.

- **ACREX INDIA:** the largest international exposition in South Asia on the Air-Conditioning, Refrigeration, Ventilation and Building services industry. Held annually, ACREX is considered to be a major opportunity to showcase the latest technologies / innovations, and provide a platform for buyer-seller meet for technical & commercial personnel in the HVAC& R field.
- **AQUEST:** The all-India student quiz competition, which engaged a large number of ISHRAE student chapters across India, was a part of the suite that comprised ACREX India 2017-18. Branded aQuest with the tagline 'The ultimate engineering face-off', its preliminary rounds held by various ISHRAE chapters attracted entries from over 100 student chapters. From Mumbai Chapter Almost 15 colleges had participated.
- **JOB JUNCTION :**ISHRAE Job Junction provides job opportunities to fresh graduate engineers and help industries recruit right candidates from registered ISHRAE Student Members. This is a FREE service for the students & the industry.
- Industries / Companies
- HVAC&R Manufacturers
- Contractors / Dealers
- Consultants
- Project Management Cos

JOB CATEGORY

- Sales / Marketing Engineers
- Design Engineers
- Project Engineers
- Production Engineers
- Service Engineers / Technician

Installation Ceremony:

The ISHRAE installation ceremony is about taking oaths and assigning the duties to the members. This year the event was held in Father Agnel College of Engineering, Vashi. The event began with the lamp lighting ceremony and Saraswati Vandana, there were many dignitaries of ISHRAE present over there. The faculty coordinators Dr. Kavita Dhanawade from our college were there too.

The purpose of this event is to make the student take an oath about his duties over the college. It is our responsibility to make the best out of our college. There was many interesting session like the personal interview round in which our president of the college Mr. Viren Shetty took place and Ms. Majumdar Who explained about how to give an interview and what all are the key points to keep in mind while giving an interview.



Project grant from ISHRAE

Project named “A hybrid solar-assisted air cooling system for performance enhancement and energy efficiency improvement” by students Pooja Prakash Kumrotakar, Shantanu Vinod Desai and Saif Sajjad Kazi received a grant of Rs. 45000 from ISHRAE.

Jamboree 6

Jamboree 6 was organized by ISHRAE, Mumbai Chapter in association with Saraswati college of engineering Kharghar, Navi Mumbai on 19th January 2019. Hrushikesh Nilesh Naik, Ashwini Jairam Bagul, Prashant Ashok Nikam and Kalyani Balkrushna Deshmukh students of LTCoE participated in this event and present a paper on “Experimental analysis of water cooler cum air conditioner by nanofluid used as refrigerant”.

Seminar on HVAC

Seminar on HVAC was conducted by Mr. Atul Kochreker (ISHRAE Member and ISTL Guide) on 20th and 21st december 2018 for the students. The Head of Mechanical department Dr. Chandrababu D. Prof. Ajay Kashikar and Prof. Ashutosh Singh were also present for the seminar.

Detail discussion on the basic of Refrigeration along with heat load and Air conditioning were done during the semina



The seminar was conducted by The Head of Mechanical department (IInd Shift) and ISHRAE Faculty Incharge Dr. K H Dhanawade for Mechanical and Electrical IJJ qualified students. During the seminar, detail of basic of refrigeration and Air conditioning systems and about the IJJ was discussed.



The seminar was conducted Deputy General Manager Reliance Mr. Bhavesh Mehta on 23rd January 2019 on behalf of ISHRAE Mumbai Chapter. The Head of Mechanical department Dr. Chandrababu D., The Head of Mechanical department (IInd Shift) and ISHRAE Faculty Incharge Dr. K H Dhanawade and faculties from different department were also present for the seminar. About 350 students were present for the seminar.

Detail discussion on how to prepare for technical and non-technical interview were done during the seminar. The following topic were covered as Star rating, Latest technology in HVAC, Inverter, Alternative Refrigerant, Safety controls, future prospects, How to reduce cost, How to face interview.



ISHRAE Job Junction

ISHRAE Job Junction was successfully organized from 29th Jan 2019 to 31st Jan 2019 in LTJSS's Lokmanya Tilak College of Engineering, Koparkhairane, Navi Mumbai. This Job Junction was sponsored by ISHRAE Mumbai Chapter and hosted by Lokmanya Tilak College of Engineering under the guidance of the coordinator of this event, Dr. Kavita Dhanawade.

Organizing Committee members:

ISHRAE Committee:

- Mr. R. N. Joshi- National IJJ Chair
- MR. Mihir Sanghvi IJJ Chair Mumbai

LTCOE faculty committee:

- Faculty Incharge :Dr.Kavita Dhanawade (ISHRAE Student Chapter LTCE)
- Co-ordinator: Prof. Ajay Kashikar (ISHRAE Student Chapter LTCE)
- Co-ordinator :Prof. Mahesh Bhadane (ISHRAE Student Chapter LTCE)
- Prof. Anil Magare (TPO)
- Prof. Shweta V. Matey

- Prof. Nimisha R. Shirbhate
- Prof. Ujjwala Tade
- Prof. Sitaram Kharade
- Prof. Manoj Dhawade
- Prof. Kulwant Dhankar
- Prof. Sunny Sarraf
- Prof. Neeraj Kumar
- Prof. Uday Paliwal
- Prof. Ashutosh Singh
- Prof. Vishnu Kendre
- Mr. Sachin Pandit
- Mr. Naval Pandey
- Mr. Satyaprakash Tiwari
- Mr. Hariom
- Mr. Arvind Gholap

LTCOE student core committee:

- Viren Shetty- President
- Meet Chauhan- Secretary
- Viraj Nagre- Secretary
- Prathamesh Mhatre- Treasurer

Registrations:

Brief of registration process:

The registration started from 9 AM on 29th of January. Four different desks were set up for students from different regions. ID numbers were given to all students participating during the registration.



Inauguration Function (29th Jan, 10am @Main Auditorium):

The Job Junction was inaugurated by Mr. R.N.Joshi- National Chair IJJ, Mr. Mihir Sanghvi- IJJ Chair Mumbai chapter ISHRAE JOB JUNCTION welcomed the gathering. Principal Dr. Vivek Sunnapawar, Vice Principal Dr. S.K.Shinde, Dean (R & D) Dr. Vivek Yakkundi, Dr. Jayesh Dange, Dr. Avinash Sarode, Head of Mechanical Engg. Department Dr. Chandrababu D., Head of Mechanical Engg. Department (2nd Shift) & ISHRAE Incharge LTCE Dr. Kavita Dhanawade and Head of Electrical Engg. Department Dr. C M Wankhade were present during the inaugural function.





The companies participated during the IJJ 2019 were Stulz, Cosmos Aircon, SARA HVACAURO Engg., AIRVISION, Anshutech, Pentagon, Kirloskar Chillers, Ozone Air-conditioning & Consultancy,

Bonafide HVAC Solutions, Kruger Ventilation Industries (India) Pvt Ltd, MSD Controls, VAV, Cruise, HUMIDIN, HOSPITALITY, ExpertAC, Bailiwick, Edgetech, Kubic, Nikhil Comforts, Padmavati, Safire, Danforce, Aditya Air Conditioning, Sai HVAC, Barkat Lucky Air Cool, Mohit Airconditione, Atlus Aircon. During the IJJ 2019, total 800 students from Mumbai, Gujarat, M.P and Goa were participated. Out of which 83 students got selected in different companies and 138 students were shortlisted in different companies. 32 students from LTCoE got selected while 10 were shortlisted in different companies.



Off-line Test



Group Discussion



Interview

List of the selected and shortlisted students from LTCoE are as:-

SR. NO.	Name Of Student	Branch.	Result	Company Name
1	Shraddha R.Gangurde	Mechanical	Selected	Edgetech
2	Nutan Sambhaqi Kalvikatta	Electrical	Selected	Ozone
3	Viren Ravindra Shetty	Mechanical	Selected	Aditya Air Conditioning
4	Shah vrushabh Sanjay	Electrical	Selected	Pentagon
5	Dhaval Arvind Gajra	Mechanical	Selected	Dashmesh AirConditioning Engineers
6	Noman Raees Shaikh	Mechanical	Selected	VAV Air-Conditioning
7	Vaibhav Sunil Singh	Mechanical	Selected	Anshutech Airconditioning Pvt Ltd
8	Darshan Hasmukh Chhed	Mechanical	Selected	Padmavati
9	Abhay laxminarayan Singh	Mechanical	Selected	SAI HVAC
10	Shriraj Tukaram Shi	Mechanical	Selected	Syndicate Electro Mech Services LPP
11	Sumedh sanjay salunkhe	Mechanical	Selected	HTL Aircon
12	Shah Vrushabh Sanjay	Electrical	Selected	Pentagon
13	Ashutosh Madhukar Kotu	Electrical	Selected	Stars Panel
14	Saif Sajjad Kazi	Mechanical	Selected	HTL Aircon HVAC Solutions Pvt.Ltd
15	Pauravi Santosh Patel	Electrical	Selected	Buro happold

16	Akashta Digambar Raut	Electrical	Selected	Pentagon
17	Pratik Dilipkumar Badgujar	Mechanical	Selected	Pawan putra Pvt Ltd
18	Gawade Omkar Gopal	Electrical	Selected	Pentagon
19	Prabhat Kumar Gupta	Mechanical	Selected	Anshutech Airconditioning Pvt Ltd
20	Saurabh Suresh Kale	Electrical	Selected	Pentagon
21	Ankita dadaso Bhosale	Electrical	Selected	Pentagon
22	Praniv Pardip Bhosale	Mechanical	Selected	Padmavati
23	Vibhusha Vinayak Bhalekar	Electrical	Selected	Msd Controls
24	neeraj solanki	Mechanical	Selected	Mohit Air conditioning
25	jeetendra chaurasia	Mechanical	Selected	atlas aircon
26	prathmesh mahatre	Mechanical	Selected	bartak lucky aircool
27	Khan abdul manaan	Mechanical	Selected	safire engineers
28	Ruturaj Dilip Mote	Mechanical	Selected	BP Enterprises Goregaon
29	Kunal Dinesh Sawant	Electrical	Selected	Msd Controls
30	Ravikant Bapu Thorat	Mechanical	Selected	STULZ
31	Sarvesh Dive	Mechanical	Selected	Mupro
32	Vijay Lallan Pal	Electrical	Shortlisted	Pravin Electricals
33	Shaikh Zahid Ali Abid	Mechanical	Shortlisted	N.A systems
34	Saurabh Satish Shिवtarka	Electrical	Shortlisted	Nikhil comforts, pravin slectricals
35	Swapnil Balwant Ranjane	Electrical	Shortlisted	Nikhil comforts, ralys consultant
36	Jitendra Yashwant Patil	Electrical	Shortlisted	Nikhil comforts, pravin slectricals
37	Divya Dinkar Patil	Electrical	Shortlisted	Praveen Electricals
38	Onkar Pradip Utekar	Electrical	Shortlisted	Ralys Consultant Engineering
39	Geeta Ramdular Chaurasia	Electrical	Shortlisted	Praveen Electricals
40	Saiprasad Pramod Chavan	Mechanical	Shortlisted	ISHRAE
41	Girish Prakash Naik	Mechanical	Shortlisted	Hospitality Appliances pvt ltd
42	Shrutika S.Shinde	Mechanical	Shortlisted	Kirloskar Chillers,N.A. system



Selected students in different companies

Other Activities during ISHRAE Job Junction

Felicitation to company delegates from LTCoE





नोकरीचा महाकुंभ

हेमा शिरे

हेमंत शिरे, पिल्लर्स एचआर सर्विसेस ऑफ इंडिअनोअरिंग

कोपरखैरणे येथील लोकमान्य टिळक अभियांत्रिकी महाविद्यालयात तीन दिवस नोकरीचा महाकुंभ पार पडला. लोकमान्य टिळक अभियांत्रिकी महाविद्यालय आणि इंडियन सोसायटी ऑफ इंडियन अँड हीटिंग रेफ्रिजरेशन एअर कंडिशनिंग इंजिनेअर्स चार्टर योनी केले होते.

नोकरी कुंभमेळावात तब्बल ४००० विद्यार्थ्यांनी ऑनलाइन नोंदणी केली होती. त्यामधून ८०० विद्यार्थी महाकुंभसाठी पात्र ठरले. या नोकरी कुंभमेळावात महाराष्ट्रासह गुजरात, गोवा आणि मध्यप्रदेशामधील विद्यार्थ्यांचा सहभाग होता. त्यामध्ये अनेक नामांकित कंपन्यांचा सहभाग होता. या महाकुंभामध्ये ८३ विद्यार्थ्यांना नोकरी मिळाली आणि १३८ विद्यार्थ्यांची फुलील फेरीसाठी निवड झाली. नॅशनल आय. जे. जे. चेंअरमन आर. एन. जोशी व आय. जे. जे. चेंअर मुंबई मिलिटर



सांघवी यांनी तरणाड्यांना नोकरीसाठी प्रयत्नशील असायला हवेत व तसेच विविध मुद्दे नमूद केले. डॉ. कविता धनवडे यांच्या पुढाकाराने सलग तिसऱ्या वर्षी लोकमान्य टिळक अभियांत्रिकी महाविद्यालयात नोकरीचा महाकुंभ पार पडला व त्यामधून असंख्य विद्यार्थ्यांना नोकरी मिळाली. महाकुंभामुळे विद्यार्थ्यांना मूलाखतीचा अनुभव आणि नोकरीच्या विविध संघी उपलब्ध झाल्या, असे त्यांचे म्हणणे होते. मेळावा यशस्वी होण्यासाठी इतर चापट्टर एलटीसीओई टीम, प्रा. अजय काशीकर तसेच प्रा. मोहश चट्टने यांचे सहकार्य लाभले.

कोपरखैरणे में जॉब जंक्शन कार्यक्रम

सैकड़ों छात्र हुए शामिल



संवायदासा द्वारा नवी मुंबई. कोपरखैरणे के लोकमान्य टिळक कॉलेज ऑफ इंजीनियरिंग में तीन दिनों के जॉब जंक्शन का आयोजन किया गया. लोकमान्य टिळक कॉलेज ऑफ इंजीनियरिंग और इंडियन सोसायटी ऑफ हीटिंग, रेफ्रिजरेशन एंड एयर कंडीशनिंग इंजीनियर्स, मुंबई चैप्टर में 4000 छात्रों ने जॉब जंक्शन के दिने ऑनलाइन आवेदन किया था, जिनमें से 800 छात्रों ने जॉब जंक्शन के लिए पात्र थे. इनमें महाराष्ट्र, गुजरात और मध्य प्रदेश के छात्रों ने भाग लिया.

इस जॉब जंक्शन में मुख्य रूप से स्टल, क्विज़ोमकर, डिवाइस, फेडोम, ओशन आदि कंपनियों ने भाग लिया. इस जॉब जंक्शन में 83 छात्रों को नोकरी मिली और 128 छात्रों को शॉर्टलिस्ट किया गया. आईजेने के राष्ट्रीय अध्यक्ष आर एन जोशी और मुंबई आईजेने अध्यक्ष मिलिटर सांघवी ने पूराओं को रोप्यार दिलाने के लिए धुरपूर प्रयास किया. डॉ. कविता धनवडे के अध्यक्ष प्रयास से लगातार नौकरों-जब लोकमान्य टिळक इंजीनियरिंग कॉलेज में नोकरी का यह महाकुंभ पूरा हुआ और कई छात्रों को इतरने नौकरों मिली.

Industrial visit/ Exhibition on ISHRAE/ACREX INDIA 2019

ACREX India would return to Mumbai to celebrate its 20th edition, where the mega event will witness participation from more than 25 countries including Belgium, China, Czech Republic, Egypt, France, Germany, Italy, Japan, Korea, Malaysia, Saudi Arabia, Singapore, Spain, Switzerland, Taiwan, the Netherlands, UAE, UK, Ukraine and USA.

With its features, participation and consortium status, ACREX India 2019 would not only be the launch-pad for potential business-enabling collaborations, but also the live resource pool and seamless amalgamation of integrated Building Solutions.

An International level company fair comprising of following some companies such as

- 1) Kirloskar Chillers Pvt. Ltd. Stand: F-77 (BCEC) Goregaon(E)
Chiller products for comfort air-conditioning, process cooling and heating.
- 2) Voltas Limited (Air conditioning company) Stand: E-11 (BCEC) Goregaon (E)
- 3) A.C. Humidin Air Systems Pvt. Ltd. Stand: G-12 (BCEC) Goregaon (E)

Air Ventilation and Air Treatment Equipment Manufacturing Company

4) Auro Engineering Company

Stand: M-57 (BCEC) Goregaon (E)

Manufacturing of COILS (Heating/Cooling/Condenser/Evaporator/Steam/Curvature)

Students **Industrial visit/Exhibition** was organised for **BE/TE/SE Engineering Students on date 1/03/2019 & 2/03/2019 with HODs Dr.Chandrababu D., Dr. K.H.Dhanawade** and other faculties, to get the practical knowledge of the Refrigeration & Air conditioning (**RAC**)/HVAC/AHU and exposure to the advancement made in the industry with respect to Refrigeration & Air conditioning/ HVAC Domain.

New HVAC concept,conceptual design, interactive seminar/workshop, technical quiz, expert lecture give by the industry leaders such as

1)Emerging HVAC technologies for energy efficient and healthy building hot and humid climate Seminar was delivered by **Dr.chandrashekhar-ASHRAE DL**

2)Trends in energy efficient labelling : **MR. N. Shridhar (VOLTAS)**

3)**Prof. Ashutosh Singh & Prof.Saurabh Suman** had attended the technical workshop on high performance educational & their indoor environmental quality organised by **REHVA & ISHRAE**



Faculties & B.E Students(2018-19)

Faculties of Mechanical Engg. Department



Third Year Students (2018-2019)

Second Year Students(2018-2019)



Second Year Student (2018-2019)



Second Year Student (2018-2019)

Special Thanks to:

- 1) Management of LTJSS, Nagpur
- 2) Dr.Vivek Sunnapwar, Principal
- 3) Dr.S.K. Shinde, Vice principal
- 4) Dr.Vivek Yakkundi, Dean (R & D)
- 5) Mr. Satardekar, Registrar
- 6) All HODs, Faculties and Staff of LTCE
- 7) Security and Housekeeping Staff of LTCE
- 8) Canteen Staff of LTCE