

Report of
ISHRAE JOB JUNCTION 2017
(Mumbai & Gujarat)

Organized by
ISHRAE Mumbai Chapter

Hosted by
LokamanyaTilak College of Engg.Navi Mumbai

Venue:LokamanyaTilak College of Engg.Navi Mumbai,
26th, 27th and 28th Oct 2017

**LOKMANYA TILAK COLLEGE OF ENGINEERING,
NAVI MUMBAI**

**ISHRAE
JOB
JUNCTION**

**JOB JUNCTION IS AN INITIATIVE BY ISHRAE TO
PROVIDE OPPORTUNITIES TO FRESH GRADUATE
ENGINEER AND DIPLOMA HOLDERS AND HELPING
INDUSTRIES TO RECRUIT RIGHT PERSONAL.**

26, 27, 28 OCTOBER 2017

MAJOR RECRUITERS

VOLTAS **Cruise** **NUTECH** **SPECTRUM ENERGY** **AIRON** **Panacea** **AURO**
PENTASON EL-MECH SOLUTIONS PVT LTD **STULIZ** **advantek** **ZECO** **STERLING & WILSON** **SK** **BlueBox**

IN-CHARGE & MECHANICAL HOD IIIrd SHIFT **CO-INCHARGE** **HEAD OF MECH DEPARTMENT**
DR. KAVITA DHANAWADE **PROF. NEHA PATIL** **DR. CHANDRABABU D.**
NATIONAL CHAIR (ISHRAE) **CHAIR, MUMBAI**
MR. SANJAY KUMAR VERMA **MR. R.N. JOSHI**

PRESIDENT
SALONI SHETTY
ISHRAE LTC-E

SECRETARY
VIREN SHETTY
ISHRAE LTC-E

TREASURER
AJINKYA BHORE
ISHRAE LTC-E

■ 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. From LTCoE, four students had participated from which team of final year students, Mayank Rai and Keshav Jha bagged 2nd prize and Razeen Khan and Arun Thapliyal bagged 3rd prize.

POWERED BY
HITACHI

aQUEST
The ultimate engineering face-off.
HVAC QUIZ-2018

FINAL SCORE SHEET

	TEAM-A	TEAM-B	TEAM-C	TEAM-D	TEAM-E	TEAM-F
Name of the Machine						
Round 1	WINDMILL	WINDMILL	TESAL	ANNA	FRIZAL	REEDON
Round 2	WINDMILL	WINDMILL	SAGAR	JUDGE	WINDMILL	DRUM
Name of the School						
	SV BFTU	LTCOE	DMCE	Sakho Sakho	SIES	LTCOE
Round - 1	61	44	49	56	44	39
Round - 2	58	42	32	58	42	42
Round - 3	500	540	380	700	460	720
Total	619	626	516	814	546	801
1 st Round - 1		3 rd		1 st		2 nd
2 nd Round - 1						

aQuest Results

- **ISTL (ISHRAE Student Technical League):**

ISHRAE Student Technical League (ISTL) launched on May 5, 2017 and started in August, involved students from 12 colleges participating to design a HVAC system for dual six floored IT/commercial building working 24x7.

Student members in the project were Saloni Shetty, Ajinkya Bhor, Deepak Gaikwad, and Deepak Gupta under the guidance of Dr. Kavita Dhanawade and Prof. Neha Patil from the college and Mr. Atul Kochrekar from ISHRAE HQ. The team mentors assigned were Mr. Ashok Kini from FairAir Engineers Pvt Ltd. and Mr. Abhijeet Lad.

It started with calculations of heat load for the building so as to estimate the tonnes of refrigeration for the system. To get a better and broader idea of how a system works and it's design a site visit was arranged by Mr. Atul Kochrekar to VOLTAS at Bandra Kurla Complex.

Instead of a conventional overhead system an underfloor air distribution system was selected. And by selecting various types of pumps, fans, LEED accreditation and pressurisation system the complete design of the building was accomplished.

The First presentation of ISTL was held on 10th January 2018 at IMC. LTCE was selected in Top-5 among the twelve colleges due to the innovative, efficient and effective design.

After being selected, the final presentation was held on 19th January 2018 at Vile Parle. LTCE not only came as a 3rd runner up but also bagged a prize for the best idea coverage in HVAC. Certificates and cash prize was given to the students.



Teaching learning



ISTL Industrial Visit



ISTL Final Presentation

- **Industrial Visit:** Every year ISHRAE organizes industrial visit for students registered under ISHRAE.

Date – 1st February, 2018

An Industrial Visit was conducted for the members of ISHRAE by Mr. Kunal Bhavsar and Mr. Mihir Sanghavi to Auro Engineering at Andheri, Mumbai. The visit was arranged so as to get a better understanding of how a manufacturing unit in HVAC system works.

The safety norms of the company was followed by each student. Mr. Sudhir More then rescued the students towards different locations in the company.

Quality tests were also discussed with the members by the Instructor.



- **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

■ Job Junction Organized by ISHRAE Mumbai Chapter at LTCOE:

ISHRAE Job Junction was successfully organized from 26th Oct 2016 to 28th Oct 2017 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. Sanjay Kumar Verma- National Chair IJJ
Mr. Ajaj R. Kazi- President Mumbai chapter
Mr. R. N. Joshi- Key Coordinator IJJ
Mr. Diwakar Sawant- Committee Member
Mrs. NiveditaJadhav- Committee Member

- **LTCOE faculty committee:**

Coordinator : **Dr.Kavita Dhanawade** (ISHRAE Student Chapter LTCE& HOD 2nd Shift)

Co-ordinator: Prof.Neha Patil (ISHRAE Student Chapter LTCE)

Prof. Anil Magare (TPO)

Prof. Kulwant Dhankar

Prof. Vinod Baskarwar

Prof. Ashutosh Singh

Prof. Ajay Kashikar

Prof. Sunny Sarraf

Prof. Mahesh Badane

Prof. Sudhakar Jadhav

Prof. Shweta Matey

Mr. Sachin Pandit

Prof. Manoj Dhawade

- **LTCOE student core committee:**

Saloni Shetty - **President**

Viren Shetty - **Secretary**

Ajinkya Bhoir - **Treasurer**

Uttamsingh Jodha, Vineet Mhatre, Prathamesh Mhatre, Deepak Gupta, Rahul Wagh

Registrations:

Brief of registration process:

The registration started from 9 am on 26th of October. Four different desks were set up for students from different regions. ID numbers were given to all students participating during the registration.



■ Inauguration Function (26th Oct, 10am @Main Auditorium):

The Job Junction was inaugurated by Mr. Sanjay Kumar Verma- National Chair ISHRAE JOB JUNCTION, Mr. Ajaj R. Kazi- President,ISHRAE, Mumbai chapter, Mr. R. N. Joshi- Key Coordinator ISHRAE JOB JUNCTION welcomed the gathering. About 250 students from Mumbai and Gujarat participated in the event. 30 companies such as Voltas, Blue Star, Bhutoria Airconditioning pvt ltd, Emerson Climate Technologies (india) pvt ltd, HTL Aircon, RMS Corporation, Stulz, Advantek Air Systems Pvt Ltd, Ozone Air-conditioning & Consultancy, Bonafide HVAC Solutions, Kruger Ventilation Industries (India) Pvt Ltd., Star coolers etc. participated in the Job Junction.

Director Dr. Vikek Sunnapawar, Principal Dr. Vivek Yakkundi, Vice Principal Dr. S.K.Shinde, Head of Mechanical Engg. Department Dr. Chandrababu, Head of Electrical Engg. Department, & ISHRAE Incharge LTCE Dr. Kavita Dhanawade were present during the inaugural function.



**Inauguration
Function**

List of the companies Participated:

- 1) Blue Star Ltd
- 2) Voltas Ltd
- 3) Stulz
- 4) HTL Pvt. Ltd.
- 5) Citizen
- 6) Opal HVAC
- 7) RMS Corporation
- 8) Swegon
- 9) Cosmos Aircon
- 10) SARA HVAC
- 11) AURO Engg.
- 12) AIRVISION
- 13) Anshutech
- 14) Pawanputra Engg.
- 15) Advantek Air Systems Pvt Ltd
- 16) Nutech
- 17) Pentagon
- 18) Kirloskar Chillers
- 19) Savlon Aircon Pvt Ltd
- 20) Ozone Air-conditioning& Consultancy
- 21) Bonafide HVAC Solutions
- 22) Kruger Ventilation Industries (India) Pvt Ltd
- 23) MSD Controls
- 24) VAV
- 25) Cruise
- 26) HUMIDIN
- 27) HOSPITALITY
- 28) Spectrum
- 29) Expert AC
- 30) Bailiwick



Presentations were given by the company delegates and also they explained about company and job profile to the contestants.



Online Test



Group Discussion



Group Discussion



Interview

Students selected

Around 55 students were selected in this event.



Selected candidates in Blue Star



Selected candidates in Kirloskar Chillers

Event Photographs:



टिळक कॉलेजमध्ये नोकरीचा महाकुंभ



हेमंत हिरे, पिल्लई कॉलेज ऑफ इंजिनीअरिंग

कोपरखैरणे येथील लोकमान्य टिळक कॉलेज ऑफ इंजिनीअरिंग येथे नुकताच नोकरीचा महाकुंभ पार पडला. इंडियन सोसायटी ऑफ हीटिंग अँड एअर कंडिशनिंग इंजिनीअर्स, (ISHRAE) मुंबई चाप्टर यांच्याकडून विद्यार्थ्यांसाठी जाँब जंक्शन आयोजित करण्यात आले होते.

यावर्षीदेखील मुलांनी उत्तम प्रतिसाद दिला. या तीन दिवसीय महामेळाव्यात ब्लुस्टार, व्होल्टास, किलोस्कर अशा मोठ्या नामवंत कंपनीकडून सुमारे ११० विद्यार्थ्यांना नोकरी देण्यात आली. ही नोकरी मिळवण्यासाठी सुमारे १००० मुलांनी ऑनलाइन ऑप्टिक्ट्यूड टेस्ट दिली होती.

त्यापैकी २६८ जण आवश्यक गुण मिळवण्यास पात्र ठरले. त्यानंतर ग्रुप डिस्कशनद्वारे पुढील फेरीसाठी विद्यार्थी निवडले गेले आणि शेवटी वैयक्तिक मुलाखतीद्वारे मुलांना नोकरीसाठी पात्र ठरवण्यात आले. या जाँब जंक्शनसाठी विद्यार्थी मुंबई, ठाणे, नाशिक, वापी, बडोदा, अहमदाबाद, सुरत, गोवा अशा विविध ठिकाणांवरून आले होते.

मागील वर्षीप्रमाणे हा कार्यक्रम (ISHRAE) टीमतर्फे आमच्या कॉलेजमध्ये ठेवण्यात आला. या जाँब जंक्शनमुळे गुणवंत विद्यार्थ्यांना नक्कीच नोकरीसाठी चांगली संधी मिळत आहे, असे डॉ. कविता धनावडे (मेकॅनिकल विभागप्रमुख) यांनी सांगितले.

Special Thanks to:

Management of LTJSS, Nagpur

- 1) Hon.Director(R&A) Dr.VivekSunnapwar**
- 2) Dr.VivekYakkundi,Principal**
- 3) Dr.S.K. Shinde, Vice principal**
- 4) Mrs.I.K.Singh, CAFO**
- 5) Mr.AnilYadav, Registrar**
- 6) All HODs, Faculties and Staff of LTCE**
- 7) Security and Housekeeping Staff of LTCE**
- 8) Canteen Staff of LTCE**