



**Gokaraju Rangaraju Institute of Engineering and Technology**  
**(Autonomous)**  
**Department of Mechanical Engineering**  
**Student Chapter ISHRAE**

**Index**

S.No	Title	Page No
<b>Year-2020</b>		
1	D2O Internship Letters	6
2	Distinguish Lecturer on The Role of BIM in HVAC	8
<b>Year-2019</b>		
3	Webinar on counter flow cooling towers	9
4	ISHRAE Deccan Chapter CWC	10
5	Webinar on Project Management Basics	11
6	Guest Lecturer on HVAC&R Awareness for Students	12
7	Webinar on Thermal Insulation for Energy Efficient and Green Building	13
8	ICP Certification Program attend by Faculty coordinator	14
9	RCC -2019 Attended by Students Chair	14
10	Webinar on Building Automation Systems , IOT and Data Analytics	15
11	Webinar on Multi Stage Cooling	16
<b>Year-2018</b>		
12	Webinar on How is BIM is Useful in HVAC	17
13	A-Quest 2018 (Student won State 1st )	18
14	ISHRAE Job Junction	19



## GRIET ISHRAE STUDENT CHAPTER

### 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 THOSANDS OF HVAC&R professionals as members and additionally there are THOUSANDS OF Student-members. ISHRAE operates from over 42 Chapters and sub Chapters spread all over India, with HQ in Delhi.

It is led by a team of elected officers, who are members of the Society, working on a voluntary basis, and collectively called the Board of Governors.

### ISHRAE Objectives:

- Advancement of the Arts and Sciences of Heating, Ventilation, Air Conditioning and Refrigeration Engineering and Related Services.
- Continuing education of Members and other interested persons in the said sciences through Lectures, Workshops, Product Presentations, Publications and Expositions.
- Rendition of career guidance and financial assistance to students of the said sciences.
- Encouragement of scientific research.

The students members do the online student member registration in Exclusive ISHRAE Student Chapter website link:

<http://ishrae.in/studentchapter/index.html>

### ABOUT GRIET ISHRAE STUDENT CHAPTER:

The student body of Gokaraju Rangaraju Institute of Engineering and Technology is encouraged to associate themselves with this world-renowned organization through the local chapter.

During the year 2018, ISHRAE Student Chapter at GRIET was formed with 22 student members and 1 faculty advisors. The focuses of this chapter is on

- i. HVAC industry provides a good field in which you can effectively use your Engineering learning and witness consistent career growth
- ii. The industry is also at an important milestone due to the twin global issues of Energy and Environment. HVACR engineers have a big role to play
- iii. One of the fastest growing industries, comparatively recession proof, offering multi-disciplinary career opportunities



**GRIET ISHRAE STUDENT CHAPTER OBJECTIVES:**

1. To make the students eminent in the field of HVAC by Research projects –ISPG & IPSPG
2. To provide industrial experience by conducting various industrial tours and webinars by technocrats.
3. Prepare the students for designing a suitable air condition system according to the need.
4. Prepare the students to participation in National competitions like ACREX Quiz Participation –Aquest, HVAC Design Competition –NSDC
5. Associate the students with professional bodies and Interaction with industry professionals (Networking) in the field of HVAC
6. Provide Learning opportunities through ISHRAE Emerson Online University

## PROFESIONAL BODY







A.Y: 2019-20

### FACULTY COORDINATOR

L. GOPINATH      Assistant Professor




### STUDENT CORE WORKING COMMITTEE MEMBERS

S.NO	NAME	YEAR	DESIGNATION	PHOTO
1	G. UNNATHI	4TH B. TECH	PRESIDENT	
2	KANDULA BHANU PRAKASH	4TH B. TECH	PRESIDENT ELECT	
3	PENDLI SRI CHARAN	4TH B. TECH	SECRETARY	 <small>PENDLI SRI CHARAN 16241A0349</small>
4	BACHU CHAITANYA KUMAR	4TH B. TECH	TREASURER	
5	ARE SWATHI	4TH B. TECH	CWC MEMBER 1	
6	GAJULA SINDHU	4TH B. TECH	CWC MEMBER 2	

## PROFESIONAL BODY

A.Y: 2018-29

### Faculty Coordinator

S.NO	NAME	DESIGNATION	PHOTO
1	L. GOPINATH	Assistant Professor	

### STUDENT CORE WORKING COMMITTEE MEMBERS

S.NO	NAME	YEAR	DESIGNATION	photo
1	M. PARTHIVA	4TH B. TECH	PRESIDENT	
2	G. UNNATHI	3RD B. TECH	PRESIDENT ELECT	
3	G. SACHIN SUNDER	4TH B. TECH	SECRETARY	
4	G. BALA SUBRAMANYAM	3RD B. TECH	TREASURER	
5	SRI CHARAN	3RD B. TECH	CWC MEMBER 1	
6	V. SAI VAISHNAV	3RD B. TECH	CWC MEMBER 2	



GSTIN : 08AAJFD9550B1ZH

## Design2Occupancy Services LLP

To,  
Ms. Diddi Alankrutha,

Date: 8<sup>th</sup> February, 2020

Sub: Internship Offer Letter

Dear Diddi,

Design2Occupancy Services LLP is pleased to offer you an educational internship opportunity for a period of 2 months starting from 8<sup>th</sup> February, 2020. You shall be working in **Hyderabad** as an Intern. Your area of internship would be "Green Building & Energy Simulations". You shall be working under the supervision of **Mr. Anuj Gupta** (Regional Manager) and shall directly report to him on the daily basis.


### Description of Internship Program & Training:

This is a non-paid internship. You understand that participation in Internship program is not an offer of employment & successful completion of the Internship doesn't entitle you to employment with the Company.

During your Internship, you may have access to confidential, proprietary, trade secret information belonging to the Company. You agree that you will keep all this information strictly confidential & refrain from using it for your own purpose or from disclosing it to anyone outside the Company. In addition, you agree that, upon conclusion of the Internship, you will immediately return to the Company all its property, equipment & documents.

Congratulations and welcome to the team!

*At the sole discretion of the Company, the duration of the Internship may be extended or shortened with the notice.*

For Design 2 Occupancy Services LLP  
Your faithfully,  
  
(Authorized Signatory)

**Authorized Signatory**  
For Design2Occupancy Services LLP

+91-9950006266 connect@design2occupancy.com www.design2occupancy.com

Presence @Jaipur | Delhi | Ahmedabad | Surat | Chandigarh | Mumbai | Chennai | Hyderabad





GSTIN : 08AAJFD9550B1ZH

## Design2Occupancy Services LLP

To,  
Mr. Pendli Sri Charan,

Date: 8<sup>th</sup> February, 2020

Sub: Internship Offer Letter

Dear Pendli,

Design2Occupancy Services LLP is pleased to offer you an educational internship opportunity for a period of 2 months starting from 8<sup>th</sup> February, 2020. You shall be working in Hyderabad as an Intern. Your area of internship would be "Green Building & Energy Simulations". You shall be working under the supervision of Mr. Anuj Gupta (Regional Manager) and shall directly report to him on the daily basis.

### Description of Internship Program & Training:

This is a non-paid internship. You understand that participation in Internship program is not an offer of employment & successful completion of the Internship doesn't entitle you to employment with the Company.

During your Internship, you may have access to confidential, proprietary, trade secret information belonging to the Company. You agree that you will keep all this information strictly confidential & refrain from using it for your own purpose or from disclosing it to anyone outside the Company. In addition, you agree that, upon conclusion of the Internship, you will immediately return to the Company all its property, equipment & documents.

Congratulations and welcome to the team!

*At the sole discretion of the Company, the duration of the Internship may be extended or shortened with the notice.*

For Design 2 Occupancy Services LLP  
Yours faithfully,



(Authorized Signatory)

Authorized Signatory  
For Design2Occupancy Services LLP

+91-9950006266 connect@design2occupancy.com www.design2occupancy.com

Presence @Jaipur | Delhi | Ahmedabad | Surat | Chandigarh | Mumbai | Chennai | Hyderabad



**Welcome**  
To  
**Distinguish Lecture**  
on  
**The Role of BIM in HVAC**

By

**Mr. K Chandrakanth** Assistant Professor,,JNAFAU ,HYD.

Date: 31<sup>st</sup> January, 2020

Venue: Seminar Hall (4312),  
IV-Block , GRIET

Organized by

**Dr. N Sateesh**  
HOD Mechanical

**Mr L. Gopinath**  
Students Activities Chair, ISHRAE

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**(Autonomous)**







**Earn expertise to flow it right...**

**WEBINAR**

**Understanding Thermal Design and Analysis of Counter Flow Cooling Towers**

**by Expert Speaker Mr. Subir Das**

**4 pm to 5 pm**  
**Friday, 8th February 2019**

**Join at [www.gotomeeting.com](http://www.gotomeeting.com)**

To join the webinar  
Registration URL:  
<https://register.gotowebinar.com/register/2153079459133043971>  
Webinar ID: 786-230-107

**BRIEF PROFILE OF THE SPEAKER**

- Science Graduate in Physics Honours from Calcutta University.
- Advance Mechanical Engineering from Imperial College London (U.K.)
- Worked as a Thermal Design Engineer with M/s. Film Cooling Towers Ltd. (U.K.) from 1981-82 at Boston.
- Worked as Technical Director with M/s. DBR Cooling Tower (P) Ltd. From 1983-89.
- Working as a Managing Director with M/s. Flow-tech Air (P) Ltd. From 1989
- Experience of more than 35 years in the field of cooling towers.
- Executed more than 25,000 cooling towers in India and abroad for Power Sector, Steel Sector, Chemical Sector, Industrial Application and HVAC&R Industries.
- Executed the first tunnel ventilation for both railway and road in India for M/s. Kokan Railway Corporation and MSRDC (Mumbai).
- Worked as a consultant of Government of India for various tunnel ventilation projects in India.
- Has been awarded the Rashtriya Udyog Ratna Award For "Excellence in The Cooling Tower Field" by Government of India in the Year 2011.

- ❖ Students enjoyed the session and especially current evolutions in heat exchangers explained well
- ❖ Cooling towers designs students are not able to catch up his level
- ❖ Response to quires is good
- ❖ Session Delayed for 10 mins but later goes good
- ❖ Govt. projects basic considerations just given glimpse



- ❖ Faculty told that more case studies are needed.
- ❖ Topic chosen is good but time constraint not allowing to discuss more



griet\_official



77 likes

griet\_official Congratulations to Mr Gopinath, Dept of ME for his appointment as Student Activities Chair in Central Working Committee of ISHRAE Deccan Chapter

**Gokaraju Rangaraju Institute of engineering and Technology**

10

LGN





**YOUTH@ ISHRAE**

## Build A Perfect Vision

**WEBINAR**

### PROJECT MANAGEMENT BASICS

**EXPERT SPEAKER**  
**Mr. Sujoy Mitra**

**Wednesday, May 8, 2019**  
**4 pm to 5 pm**

Join at [www.gotomeeting.com](http://www.gotomeeting.com)

To join the webinar  
Registration URL:  
<https://attendee.gotowebinar.com/register/6281221156483662849>  
Webinar ID: 301-677-683

RSVP - Jitender Harsh,  
E-mail : [j.harsh@ishraehq.in](mailto:j.harsh@ishraehq.in)

**ISHRAE**

for more info  
scan this QR Code



Mr. Sujoy Mitra is a Bachelor of Engineering (Mechanical) from NIT Durgapur. He joined Voltas Ltd as Management Trainee in 1995, and reached up to the level of Operations Manager, in a short span of time. He has worked in Lucknow, Ahmedabad and Jamshedpur branches of Voltas, under various roles and responsibilities.

He left Voltas in 2007 for an overseas assignment. He joined Bahwan Engineering Co LLC - Muscat , and worked there from 2007 to 2011 , where he last worked as Project Manager. Later he joined as Deputy General Manager in ETA Engineering Ltd - Murnbai, heading MEP business operations there from 2011 to 2013.

Afterwards , he joined B&F - RBU division of L&T as HEAD - MEP in 2013 , and presently working as Cluster MEP Head - RBF East & West ), looking after the MEP operations in Mumbai , Kolkata and Ahmedabad regions.


He has worked extensively in various regions of India. He has worked in all departments of Project Business i.e. Sales/ Marketing, Design, Planning, Procurement, Execution, and Commissioning and after-sales service. He has worked in critical infrastructure projects of national importance in India & Middle East.




- ❖ HVAC on site project management explained in Detaille.
- ❖ MEP basics and it is useful explained in good way
- ❖ Onsite problems and its resolving methods are taught








## GUEST LECTURE



**Topic: HVAC&R Industrial Awareness for Students**



**Eminent Speaker: MOHAMMED ASLAM SHAREEF, CEO, GREEN OLIVE CONTROL SYSTEMS.** Electrical Engineer by Profession with 8 plus years industrial experience

**Date :** 27/07/2019

**Venue :** Gokaraju Rangaraju Institute of Engineering and Technology, Block-4, Room No.:4301

**Time :** 10:00am to 12:00 Noon

Department of Mechanical Engineering  
Gokaraju Rangaraju Institute of Engineering and Technology





## Thermal Insulation System for Energy Efficient & Green Buildings

YOUTH@  
ISHRAE

### WEBINAR

Tuesday, August 13, 2019  
4 pm to 5 pm



EXPERT SPEAKER  
**K.K. Mitra**

Join at [www.gotomeeting.com](http://www.gotomeeting.com)

To join the webinar  
Registration URL:  
<https://attendee.gotowebinar.com/register/4667849473082238476>

Webinar ID : 718-961-275

RSVP - Jitender Harsh,  
E-mail : [j.harsh@ishraehq.in](mailto:j.harsh@ishraehq.in)

## ISHRAE

Mr. K.K. Mitra is a Science Graduate with Post Graduation and Master in Business Administration. Has 30+ years experience in the field of Thermal Insulation and working as Sr. Vice President in Lloyd Insulations (India) Limited. Member of ASHRAE & ISHRAE and Past President of Ashrae India Chapter. Presently President Elect., Delhi Chapter of Ishrae and Chair CTTC of Ashrae India Chapter. Has been member of the Core Committee of Experts for drafting Energy Conservation Building Code of India 2007 and presently member of various committees of Thermal Insulation at Bureau of Indian Standards, Govt. of India. Is a member of technical committee for standardization of Cold Store specifications by National Horticulture Board / National Centre for Cold Chain Development, Govt. of India and Acoustical Society of India. Widely visited Europe, Japan, China, USA, Middle East & Far East countries. Has participated in various National & International level seminars & presented papers. Last year presented paper on Building Insulation during Ashrae Winter Conference at Las Vegas. Had attended Cold Storage training program at Paris organized by NCCD and Insulation Training program at Mitsubishi Heavy Industries, Naetsu Japan. Also visits Educational Institutes / Colleges regularly to deliver lectures on Thermal Insulation System for Green and Energy Efficient Buildings.









YOUTH@  
ISHRAE

## Building Automation Systems, IoT and Data Analytics

WEBINAR



EXPERT SPEAKER

### Mr. C. Subramaniam

He is a graduate in Mechanical Engineering from IIT, Madras. He is a LEED Accredited Professional in Building Design and Construction.

Director at SSS Consultants and offers consultancy services in the field of Integrated Building Management Systems & HVAC, Sustainability, Green Buildings, Energy Modelling, Commissioning Services & LEED facilitation and has 34 yrs of experience in the Industry.

Prior to starting his own venture, had served in Trane for 18 years in various positions in India and their overseas operations in their HVAC and Building Automation Systems Division; had also served as a Senior Trainer in Trane Academy for their Europe, Middle East, Africa and India operations; he had also served in Voltas Ltd in their Air Conditioning & Refrigeration Division across various branches in India;

He is associated with various Societies: • Imm. Past President, ISHRAE • Chairman, Ishrae Foundation Trust, Bangalore • Member, Indian Green Building Council • Member, Indoor Air Quality Association

Has held various other positions in Societies: • Past President, ASHRAE Bangalore Chapter • National Secretary for ISHRAE HQ • Regional Director, South, ISHRAE • National Chair for Technical Programs, ISHRAE • President of ISHRAE Bangalore Chapter • Co-Chairman, ACREX India 2012 and 2015

Wednesday,  
Sept. 04, 2019  
4 pm to 5 pm

Join at [www.gotomeeting.com](http://www.gotomeeting.com)

To join the webinar  
Registration URL:

[https://attendee.gotowebinar.com/register/  
401734462190638861](https://attendee.gotowebinar.com/register/401734462190638861)

Webinar ID : 965-694-891

RSVP - Jitender Harsh,  
E-mail : [j.harsh@ishraehq.in](mailto:j.harsh@ishraehq.in)

ISHRAE







**Friday, Dec. 13, 2019**  
**4 pm to 5 pm**



**EXPERT SPEAKER**  
**Mr. Richie Mittal**

Mr. Mittal has done Masters in Thermal Engineering from Delhi College of Engineering, Bachelors in Mechanical Engineering from BITS Mesra. Richie has served as a volunteer for more than two decades in ISHRAE and ASHRAE and currently, he is holding the position of National President - Elect in ISHRAE.

He is involved in the various Technical Committees of ASHRAE such as Cogeneration, Kitchen Ventilation, Evaporative Cooling Fans, Air quality in Data Centre etc.

He is a founding member of IGSHPA & IAQA India Chapter. Guest Lecturer at the esteemed engineering colleges such as IIT Delhi and Delhi College of Engineering and he is also an Associate Consultant with TERI.

Join at [www.gotomeeting.com](http://www.gotomeeting.com)

RSVP - Jitender Harsh, E-mail : [j.harsh@ishraehq.in](mailto:j.harsh@ishraehq.in)

## ISHRAE



**Gokaraju Rangaraju Institute of engineering and Technology**



ISHRAE cordially invites you to attend

# WEBINAR on How is BIM useful in HVAC



by Expert Speaker:  
**Varunkumar V Sagarkar**  
 Head of Digital Engineering -  
 Desapex Engineering Consultants LLP

4 pm to 5 pm  
 Thursday, 15th March 2018

Join at  
[www.gotomeeting.com](http://www.gotomeeting.com)

To join the webinar  
 Registration URL:  
<https://attendee.gotowebinar.com/register/6459948961290086915>  
 Webinar ID: 487-521-219

RSVP - Jitender Harsh,  
 E-mail : [j.harsh@ishraehq.in](mailto:j.harsh@ishraehq.in)

**Speakers Profile:**

Education:

- Post Graduate in BIM & Building Design Management
- Bachelor of Mechanical Engineering
- IGBC -AP (Indian Green Building Accredited Professional)
- Autodesk -Certified Building Performance Analyst

Varun is a leading provider of solutions for the Building Information Modelling for various Building Services (MEP). Serving as a trusted advisor, helps to streamline the design

process utilizing BIM data to increase productivity and cost effectiveness engineer with dedicated experience in Building Information Modelling and expertise in other Autodesk AEC products like Revit, AutoCAD, Vassar, Solibri model checker, and Navisworks. He has been involved in training, supporting and BIM implementation in various domestic and international projects.

He carries a wide portfolio of experience in implementing digital technologies for HVAC

and MEP design for commercial, Residential, Educational and other sectors. Key responsibilities handled by him during his tenure include creation on MEP BIM templates and workflows, creation of MEP models, extraction of BOQ, Creation of Clash detection reports, Development of quality checking checklist and project Kick Start documents, producing 2D & 3D coordinated drawings using Revit MEP.





# A-QUEST 2018



INDIAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS  
**A-QUEST-2018 RESEARCH COMPETITION, "STATE FIRST"**  
 to  
 GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY





Eight students of IV-year mechanical wrote the **IJJ - 2018** Online Test on 27-10-2018(Saturday). This was conducted by ISHRAE to give an opportunity to the mechanical students and aspirants of refrigeration & air-conditioning people to start their professional carriers as refrigeration and air-conditioning engineers.

Gokaraju Rangaraju Institute of Engineering and Technology  
(Autonomous)  
Department of Mechanical Engineering  
IJJ ONLINE TEST

Date : 27-10-2018

LIST OF USERNAMES AND PASSWORDS

S.NO	Membership_no	Name	Mobile	Email	Username	Password
1	S00053911	G.SachinSunder .	9515432201	gowdiperu.sachinsunder@gmail.com	assess_stu_1073	cc164482
2	S00059070	MohammedQaiser	9989938725	mohammedshehzadqaiser@gmail.com	candidate_0489	pass_29452
3	S00048314	JaipalJadhav .	7095779141	jaipalJadhav3@gmail.com	candidate_0903	pass_53937
4	S00059294	MohdShareef .	6302455102	wasifgr8007@gmail.com	candidate_1453	pass_96571
5	S00056424	JaveedShaik .	9493419034	shaikjaveed1885@gmail.com	candidate_1479	pass_2906
6	S00057344	MdKhan .	9985093878	salmann.mec@gmail.com	candidate_1492	pass_5305
7	S00048242	ParthivaMondrety .	8374321406	parthivamondrety97@gmail.com	candidate_1514	pass_42524
8	S00052021	kalyanvatti .	7032277566	kalyan.vatti@gmail.com	candidate_1549	pass_54541

PSS code: 680212

ISHRAE coordinator

HOP-ME 25/10/18