

**PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU,
VIJAYAWADA
DEPARTMENT OF MECHANICAL ENGINEERING**

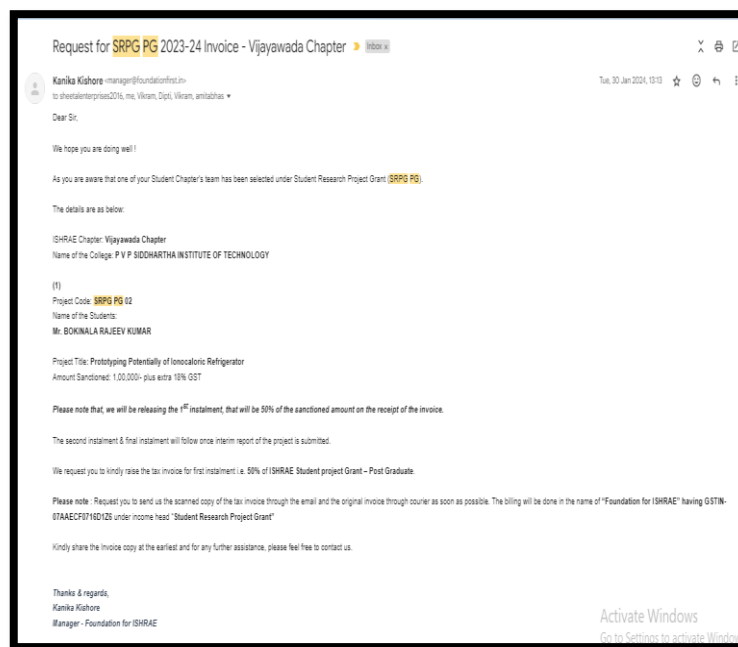
List of events/programs organized.

S.No.	Name of the Professional Societies/Bodies/Chapters/Clubs	Name of the Event	National/International level	Date of Event
CAYm1(2023-2024)				
1	ISHRAE	SRPG UG Grant Worth Rs.1,00,000 Sanction by ISHRAE for the AY 2023-24 (prelims conducted here)	National Level	30.01.2024
		15 students done Internships through ISHRAE	State Level	25.04.2024 to 24.05.2024
		Industrial Visit for students to Gold Medal	State Level	28.09.2023
		Organized Engineers Day activities in association with ISTE	State Level	15.09.2023
2	ISTE	Organized Engineers Day <ul style="list-style-type: none"> • Technical Paper Presentation • Technical Quiz • Design Contest • Tech Jam • Idea Contest • Know about an engineer • Contraption • Tool Search 	State Level	15.09.2023
3	BIS	<ul style="list-style-type: none"> • Standards Club Inaugural function and • Standards Writing Competition 	State Level	28.02.2023
CAYm2(2022-2023)				
1	ISHRAE	Mr.Sk.Roshan and Team, PVPSIT Students shortlisted for ISHRAE HVAC&R Hackathon, National Level Contest (prelims conducted here)	National Level	22.11.2022
		SRPG UG Grant Worth Rs.50,000 Sanction by ISHRAE for the AY 2022-23	National Level	24.12.2022
		Industrial Visit for students to Mohan Spintex India Limited [MSIL]	State Level	11.11.2022
		Technical session to Mechanical Students on functioning of Air Conditioning system by Experts	State Level	26.10.2022
		Working of VCR System , Practical demonstration session by Experts to students	State Level	26.10.2022

		PVPSIT Students Secured First Prize and Consolation Prize for a Chapter level competition, “Transformation From Waste to Best”	State Level	20.09.2022
		7 mechanical engineering students done their Internships through ISHRAE.	State Level	
2	ISTE	Organized Engineers Day <ul style="list-style-type: none"> Design contest Tech Jam Contraption 	State Level	15.09.2022
CAYm3(2021-2022)				
1	ISHRAE	Organized Quiz Competition for Engineering College students in and around Vijayawada at VVIT college and PVPSIT Mechanical Students Won prizes.	State Level	07.12.2021
2	ISTE	Organized Engineers Day <ul style="list-style-type: none"> Technical paper presentation contest Design contest Tech Jam 	State Level	07.10.2021
3	IE	<ul style="list-style-type: none"> Ideation Extempore JAMit 	State Level	07.10.2021

CAYm1 (2023-2024)

Photos of Events organized by ISHRAE:



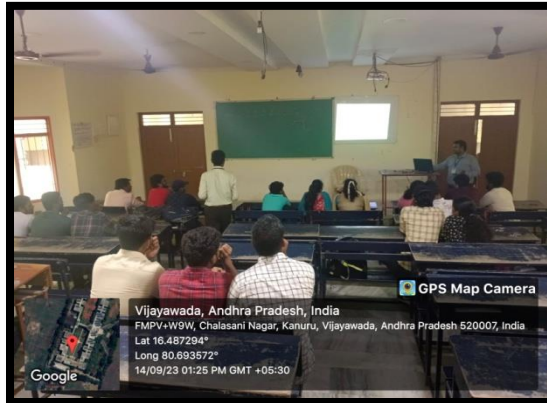
Our college has received a Student Research Project Grant (SRPG) of ₹1,00,000 from ISHRAE (Indian Society of Heating, Refrigerating and Air Conditioning Engineers) for the academic year 2023–24. The preliminary round for this grant was conducted at our campus. After a successful evaluation by ISHRAE Experts through multiple rounds, our project was selected for funding. The grant will help our students to carry out research and develop a project in the field of HVAC&R (Heating, Ventilation, Air Conditioning, and Refrigeration). This is a proud moment for our institution and a great opportunity for students to work on innovative solutions with real-world applications.



A group of 15 students successfully completed internships facilitated by ISHRAE (Indian Society of Heating, Refrigerating and Air Conditioning Engineers). These internships provided hands-on exposure to real-time HVAC&R systems, energy efficiency practices, equipment handling, and project management. During the internship period, students had the opportunity to work with industry professionals, visit live project sites, and learn about modern technologies such as duct design, cooling load estimation, and indoor air quality assessment. This experience has significantly enhanced their practical understanding and employability in the HVAC&R domain, bridging the gap between academic learning and industrial requirements.

As part of the ISHRAE Student Activity program, an industrial visit was organized for mechanical engineering students to Gold Medal, a leading manufacturer in the field of HVAC components and electrical solutions. The visit provided students with first-hand exposure to modern manufacturing processes, quality control techniques, and innovative product development in the HVAC and electrical industry. They observed the production lines, interacted with engineers, and gained insights into industry best practices and technological advancements. This initiative, supported by ISHRAE, aimed to bridge the gap between classroom learning and industrial application, enriching students' practical knowledge and understanding of real-world engineering environments.

Photos of Events organized by ISTE:







CAYm2 (2022-2023)

Photos of Events organized by ISHRAE:

Indian Society of Heating Refrigerating & Air Conditioning Engineers (ISHRAE)
1103-04, 11th Floor, Chiranjiv Tower,
43, Nehru Place, New Delhi-110 019
Tel: 011 41635655

Please complete all of the information requested in the following tables. All Submissions must be submitted electronically in PDF format by e-mail at s.chakur@ishrae.in

Submission deadline: 06/11/2023
Late or incomplete applications will not be accepted.

I. GENERAL INFORMATION

Sr. No	Item	Details
1	Student's Name, Mobile number, E-mail, ISHRAE membership number (Maximum four student members and Team leader shall be given as first name)	1. SHAIK ROSHAN 8328487644 rshankrosan@gmail.com S001023396 2. NALLURI AISHWARYA 7969610233 aishwaryanalluri04@gmail.com S001023391 3. MUPPALLA PRAVEEN CHOWDARY 9494771104 muppallapraaveen628@gmail.com S001023395 4. SATHYADA PRADHEEP 9030776886 sathysadpradheep@gmail.com S001023485
	Team Leader Name	SHAIK ROSHAN
	Student 1	SHAIK ROSHAN
	Student 2	NALLURI AISHWARYA
	Student 3	MUPPALLA PRAVEEN CHOWDARY
	Student 4	SATHYADA PRADHEEP
2	College Name and address	PRASAD V POORU SIDDHARTHA INSTITUTE OF TECHNOLOGY- KANURU VIJAYAWADA-520007

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Mails sent to **shortlisted** teams for ISHRAE HVAC

s.chakur@ishrae.in chakur@ishrae.in anusha@ishrae.in

Images are not displayed. Display images below - Always display images from s.chakur@ishrae.in

Dear Mrs. Anusha Chandra Peyyala,

Membership No: 41125

Designation: Student Activities Chair

Chapter Name: Vijayawada Chapter

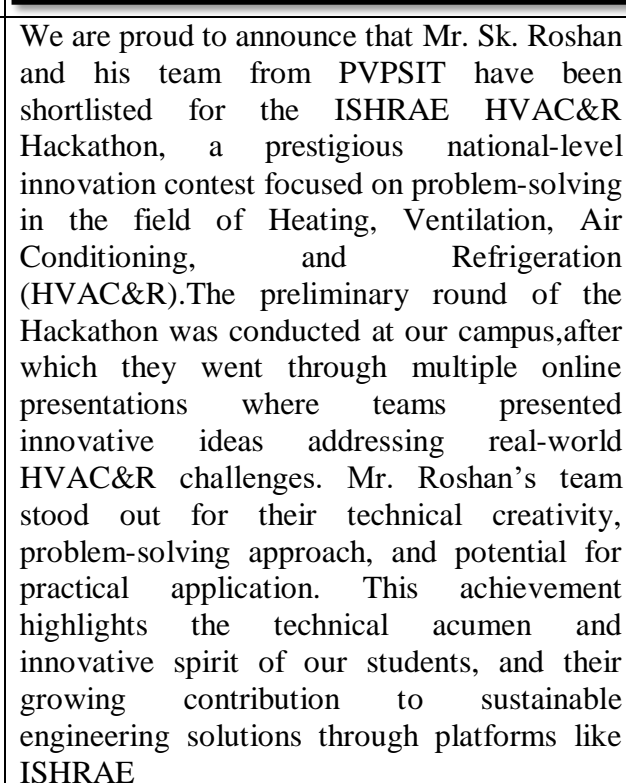
Dear students members,

We are congratulating you as you are **shortlisted** for further evaluation process of ISHRAE HVAC & R **Hackathon**. Now, you have to prepare detail PowerPoint presentation along with all necessary details and future work plan in topic selected by you.

Based on above presentation and previous details submitted by you, our team will select you for TOP 3 in each zone (for 7 zones) respectively.

Tentative schedule
27/11/2021
Saturday
Time: 10 am onwards.

Further details will be shared before a week only.
For Any issues you may contact to
Prof. Anusha Chandra



Activate Windows

This initiative enriched the students' understanding of real-time industrial environments and highlighted the crucial role of HVAC systems in maintaining product quality and worker comfort in the textile industry.



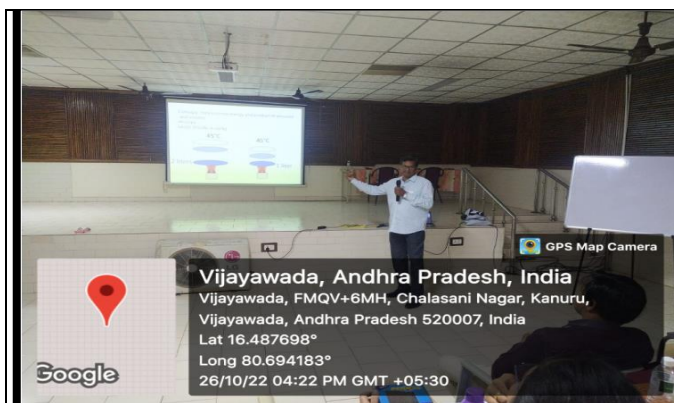
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Park, AP, India

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Park, 521111, AP, India

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Note : Captured by GPS Map Camera



As part of the ISHRAE Student Chapter activities, technical sessions were organized for mechanical engineering students on the functioning of air conditioning systems and the working of the Vapour Compression Refrigeration (VCR) system. These sessions were conducted by industry experts with hands-on experience in HVAC&R technologies. The experts provided in-depth explanations on the principles and components of air conditioning systems, including refrigeration cycles, cooling load estimation, refrigerants, compressors, condensers, expansion devices, and evaporators. The theoretical session was followed by a live practical demonstration of a working VCR system, allowing students to observe component interaction and system operation in real time. This blended approach of theory and practice greatly enhanced the students' conceptual understanding and technical skills, making the session highly engaging and impactful.



TRANSFORMATION FROM WASTE TO BEST
A Chapter level competition for students

Concept
Create an innovative and useful object using the waste material from Electrical and HVAC&R field

Prize Money: Winner : Rs. 10,000/- Runner: Rs. 5,000/- Two consolation prizes: Rs. 2,500/-	Participation Fee: ISHRAE members – Free Others – Rs. 600/- per team
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Every participant will get an authorized Participation certificate
 Photos ,videos & created object to be handed over by 15th Sept 2022.
 Results will be declared on 20th Sept 2022
 Registration link: <https://forms.gle/W5iAF8u9w35iaIZ7>

Rules & Regulations:

- 3 students per each team
- Team shall get the permission letter from college management to participate in competition
- The ideology behind the project shall be submitted along with the details of project team and materials used in the preparation
- 90% of the material used to make the object should be from the scrap material
- Any Entry/ object will be automatically disqualified if they are found to be made of 20% or more raw material.

RSVP : Mr. Dinesh – 9948084506 , Dr. Anusha - 9492173371

Society partner

Corporate partners

Gold partners

Students from PVPSIT showcased their creativity and innovation by winning the First Prize and a Consolation Prize in the chapter-level competition titled “Transformation from Waste to Best”, organized under the ISHRAE Student Chapter activities.

The competition aimed to promote sustainability and innovative reuse of waste materials by encouraging students to design functional or artistic projects using scrap or discarded items. PVPSIT teams stood out for their practical approach, originality, and effective use of waste, demonstrating strong problem-solving and environmental awareness.

This achievement highlights the students' commitment to sustainable engineering and the institute's emphasis on nurturing eco-conscious innovation.

TRANSFORMATION FROM WASTE TO BEST
A Chapter level competition for students

Concept
Create an innovative and useful object using the waste material from Electrical and HVAC&R field

RESULTS

Winner: Mobile Peltier Cooler, PVPSIT, Vijayawada.
Runner: Geo Polymer Ash Brick Embedded With Phase Change Material For Cooling Of Residential Buildings, LBRCE, Mylavaram.

Consolation Prize 1: Thermostatically Controlled Defrost Button In Refrigerators Using Sensors, LBRCE, Mylavaram
Consolation Prize 2: Automatic Bar Feeding and Cutting Machine, PVPSIT, Vijayawada.

RSVP : Mr. Dinesh – 9948084506 , Dr. Anusha - 9492173371

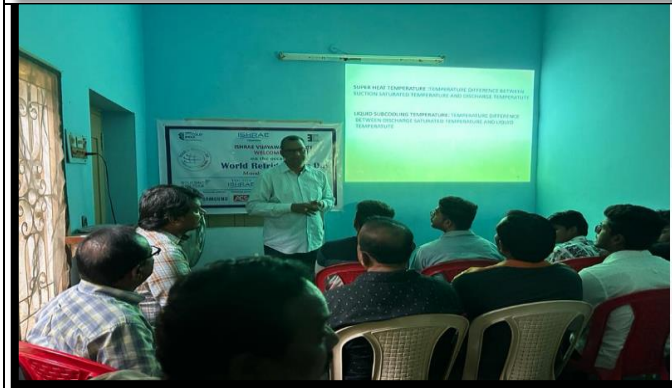
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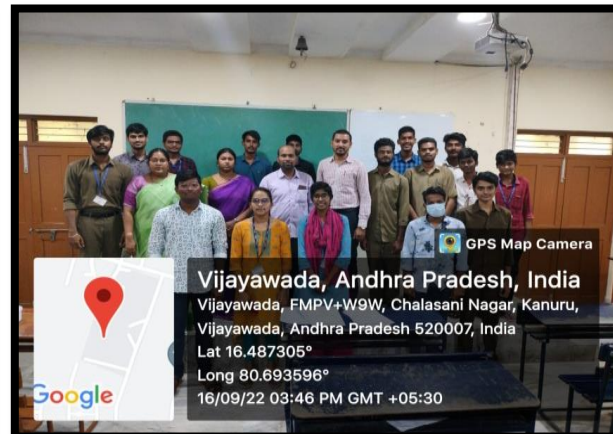
A group of 7 mechanical engineering students successfully completed their internships through ISHRAE (Indian Society of Heating, Refrigerating and Air Conditioning Engineers). During their internships, the students gained hands-on experience and exposure to industry practices in HVAC&R systems, energy efficiency, refrigeration technologies, and sustainable engineering solutions.

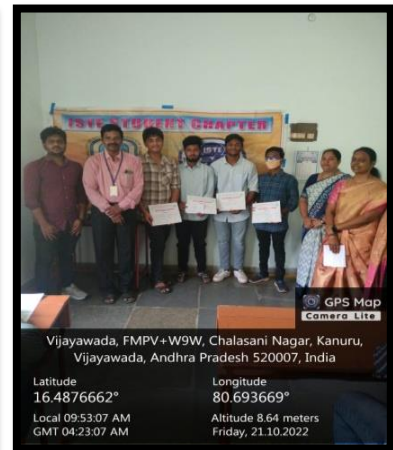
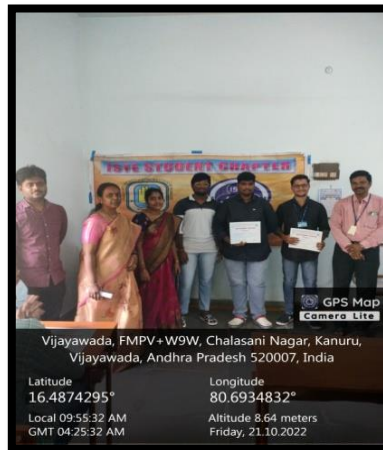


These internships provided invaluable learning opportunities, allowing students to work alongside industry professionals and apply theoretical knowledge in real-world settings, enhancing their technical skills and career prospects in the HVAC&R field.

Photos of Events organized by ISTE:

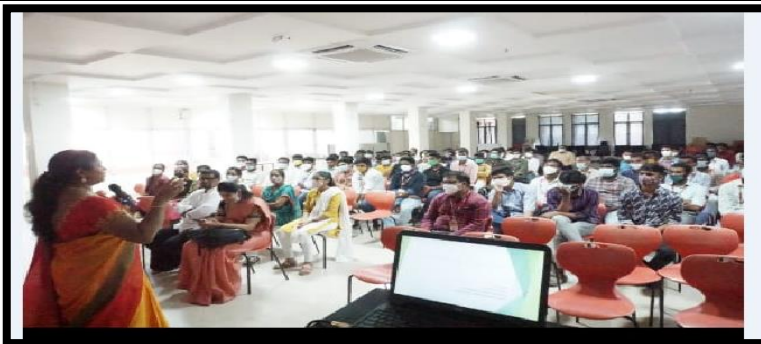






CA Ym3 (2021-2022):

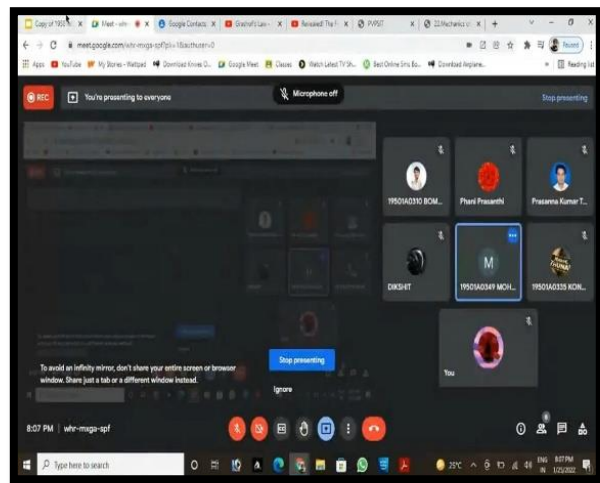
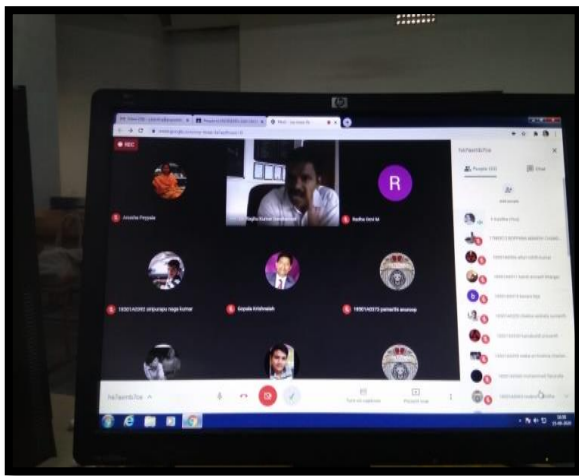
Photos of Events organized by ISHRAE:



A Quiz Competition was organized for engineering students from colleges in and around Vijayawada at VVIT College. The event aimed to test students' knowledge and awareness in various engineering domains, fostering healthy competition and learning.

Mechanical engineering students from PVPSIT excelled in the competition and secured prizes, showcasing their technical knowledge and quick thinking. Their performance highlighted the academic excellence and strong problem-solving abilities of PVPSIT students in the field of mechanical engineering.

Photos of Events organized by ISTE:



THE SO TOLD TO BE "TRUTH".

Net: Subin Wajid

THEORIES AND LOOPHOLES

What papers in the public domain say and what experts infer from them

1945	1951	2003	2005
<p>DOCUMENT : Death certificate of Okara Ichiro</p> <ul style="list-style-type: none"> Shah Nawaz panel said Netaji secretly cremated in name of Okara Ichiro Investigators later found a certificate by that name dated Aug 21, 1945. It referred to Ichiro as a Taiwan army man <p>Cause of death: 'Sickness, natural death' He took ill on Aug 17, 1945, a day before the crash</p> <p>1988: Another death certificate crops up in name of Chandra Bose</p> <p>INFERENCE : Too many anomalies & varying claims</p>	<p>DOCUMENT : Acad Hind govt minister S. A. Ayyar, who drafted Netaji's death announcement, recalls:</p> <p>"Netaji's plane crashed August 18. He died the same night. Four days passed, not a word was publicly announced"</p> <p>"I told them: More you delay announcement, the less chance of anybody believing the news"</p> <p>INFERENCE : The man who drafted Netaji's death announcement did not believe he had died</p>	<p>DOCUMENT : Email from Taiwan minister to a researcher on August 5, 2003</p> <p>"Between Aug 14, 1945 & Oct 25, 1945, no evidence that a plane ever crashed at Taipei airport carrying Subhas"</p> <p>INFERENCE : No aviation records on the alleged plane crash in Taiwan</p> <p>WAS NETAJI ALIVE AFTER AUG 1945? (1945-46)</p>	<p>DOCUMENT : Justice Mukherjee Commission report, Nov 2005</p> <ul style="list-style-type: none"> "Their evidence on the crash is so improbable that no reasonable person can act upon the same, far less draw a conclusive inference. All passengers were squinting on the floor, and if plane nosedived, even half the passengers wouldn't have survived" <p>INFERENCE : Netaji was "washed" near the hot tank, gasoline splashed on his body resulting in third-degree burns. How could he be in original position if plane nose-dived?</p> <p>Netaji is believed to have said on Dec 26, 1945: "I'm under shelter of a great world power... I'll go to India on the crest of a Third World War..."</p> <p>INFERENCE: Radio broadcasts genuine? Open-ends</p>

1950/10/31 MOHAMMED ABDUL BAKIM AHMED