

**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
CAY(2024-2025)				
1	ISHRAE	Took Active Part in Food Packets Preparation for distribution in Flood Affected areas.	State Level	03.09.2024 & 04.09.2024
		Organized Engineers Day activities in association with ISTE	State Level	15.09.2024
		Organized a Quest Chapter Level Quiz Competition for Students having ISHRAE memberships from LBRCE and PVPSIT.	State Level	19.12.2024
		Organized Walkathon on the Eve of World Earth Day.	State Level	22.04.2025
		Students done Internships through ISHRAE	State Level	
		Industrial Visit to Daikin & Jaquar R&D Centres at Swarna bhārathi trust at Gannavaram	State Level	07.04.2025
2	ASHRAE	Conducted Quiz Competition and Idea Presentation Competition to VIT AP Students and PVPSIT Students at PVPSIT as a Part of ASHRAE Student Event.	International Level	12.02.2025
3	ISTE	Organized Engineers Day <ul style="list-style-type: none"> ➤ Technical Quiz ➤ Design Contest ➤ Tech Jam ➤ Idea Contest 	State Level	15.09.2024
CAYm1(2023-2024)				
1	ISHRAE	SRPG UG Grant Worth Rs.1,00,000 Sanction by ISHRAE for the AY 2023-24	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 	State Level	15.09.2023

		<ul style="list-style-type: none"> ➤ Technical Quiz ➤ Design Contest ➤ Tech Jam ➤ Idea Contest ➤ Know about an engineer ➤ Contraption ➤ Tool Search 		
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	<p>Organized Engineers Day</p> <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	<p>Organized Engineers Day</p> <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

CAY (2024-2025)

Photos of Events organized by ISHRAE:

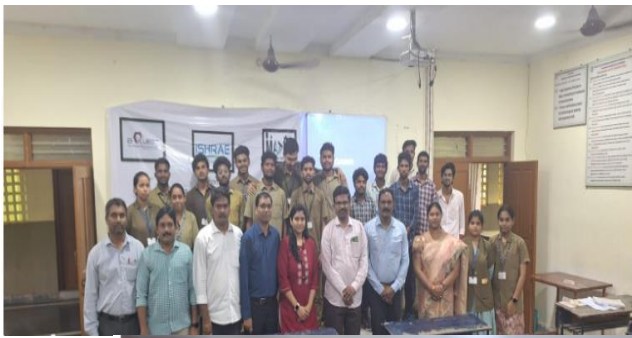
Food Packets Preparation for distribution in Flood Affected areas.

Kiran Parchuri Ishrae
Today morning our #NAREDCO Central Zone prepared around 15,000 food packets along with water bottles & snacks given to #NDRF teams for distribution in Flood affected areas as per the directions from the Hon'ble Chief Minister Shri Nara Chandrababu Naidu... Kudos to the volunteers from Sidhartha Engineering college students & special thanks to their professor Dr. P. Anusha garu, Professor & General Secretary, ISHRAE Vijayawada chapter...

10:59



Quest Chapter Level Quiz Competition



Walkathon on the Eve of World Earth Day.



Internships through ISHRAE



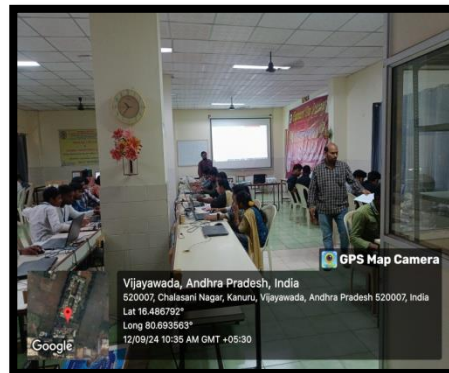
Quiz Competition and Idea Presentation Competition to VIT AP Students and PVPSIT Students at PVPSIT



Industrial Visit



Photos of Events organized by ISTE:

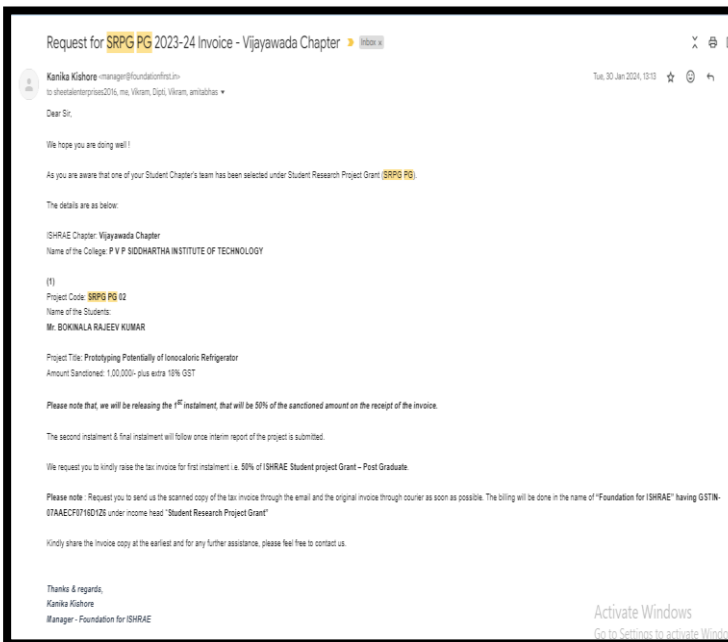






CAYm1 (2023-2024)

Photos of Events organized by ISHRAE:



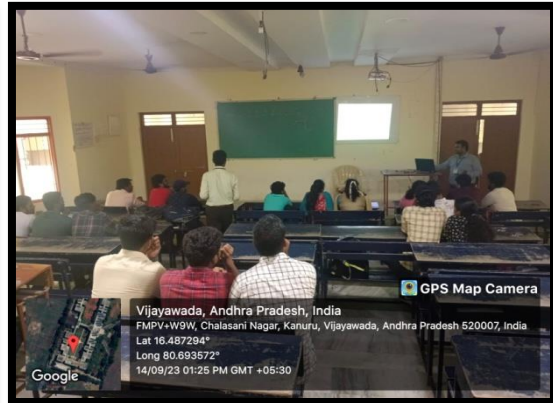
Our college has received a Student Research Project Grant (SRPG) of ₹1,00,000 from ISHRAE (Indian Society of Heating, Refrigerating and Air Conditioning Engineers) for the academic year 2023–24. The preliminary round for this grant was conducted at our campus. After a successful evaluation by ISHRAE 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:

ISHRAE
Indian Society of Heating Refrigerating & Air Conditioning Engineers (ISHRAE)
1103/04, 11th Floor, Chaitanya 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 to ishrak@ishrae.in

Deadline: 09/15/2023 12:45 PM GMT+05:30
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 list name)	1. SHAIK ROSHAN 8328487644 roshank@ishrae.in S00102306 2. NALLURI AISHWARYA 7549610233 nalluriamalini24@gmail.com S00102391 3. MUPPALLA PRAVEEN CHOWDARY 9494771104 muppalipraveen628@gmail.com S00102392 4. SATHYADA PRADEEP 9030776886 sathyadepredep@gmail.com S00103485
	Team Leader Name	SHAIK ROSHAN
	Student 1	SHAIK ROSHAN
	Student 2	NALLURI AISHWARYA
	Student 3	MUPPALLA PRAVEEN CHOWDARY
	Student 4	SATHYADA PRADEEP
2	College Name and address	PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY- KANURU VIJAYAWADA-520007

Page 1 of 4

Mails sent to **shortlisted** teams for ISHRAE HVAC ▶ [inbox](#)

vshakar@ishrae.in <vshakar@ishrae.in> to me -

Images are not displayed. Display images below - Always display images from vshakar@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 all 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. Neelk. Shaha.



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.



ISHRAE Vijayawada | **STUDENTS @ISHRAE**

PARIVARTHAN
Transformation Towards Sustainability

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

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/W51ATBu9wp35iaJZ7>

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: **AGS** | Corporate partners: **SR Swastha HVAC**, **M**, **HEECH** | Gold partners: **ISHRAE**, **STUDENTS @ISHRAE**

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.

ISHRAE Vijayawada | **STUDENTS @ISHRAE**

PARIVARTHAN
Transformation Towards Sustainability

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

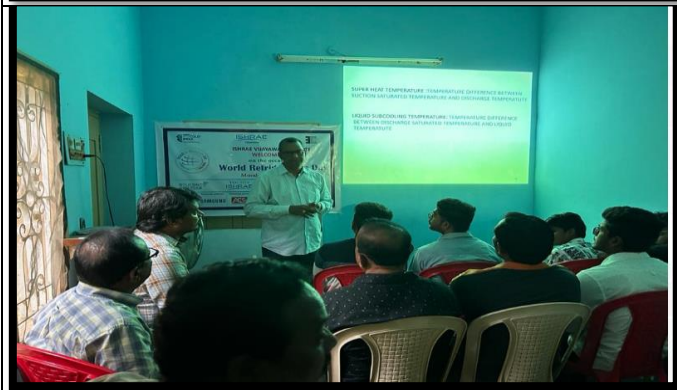
Society partner: **AGS** | Corporate partners: **SR Swastha HVAC**, **M**, **HEECH** | Gold partners: **ISHRAE**, **STUDENTS @ISHRAE**

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.



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:

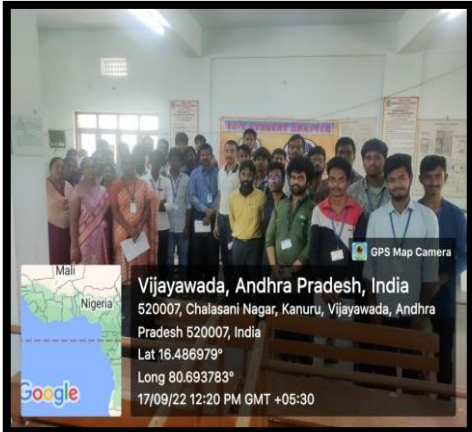




Vijayawada, Andhra Pradesh, India
 520007, Chalasani Nagar, Kanuru,
 Vijayawada, Andhra Pradesh 520007, India
 Lat 16.487002°
 Long 80.693762°
 17/09/22 12:13 PM GMT +05:30



Vijayawada, Andhra Pradesh, India
 FMPV+VHV, Road No. 3, Chalasani Nagar, Kanuru,
 Vijayawada, Andhra Pradesh 520007, India
 Lat 16.487044°
 Long 80.693857°
 17/09/22 11:49 AM GMT +05:30



Vijayawada, Andhra Pradesh, India
 520007, Chalasani Nagar, Kanuru, Vijayawada, Andhra
 Pradesh 520007, India
 Lat 16.486979°
 Long 80.693783°
 17/09/22 12:20 PM GMT +05:30



Vijayawada, Andhra Pradesh, India
 Vijayawada, FMPV+W9W, Chalasani Nagar, Kanuru,
 Vijayawada, Andhra Pradesh 520007, India
 Lat 16.487305°
 Long 80.693596°
 16/09/22 03:46 PM GMT +05:30



FMRV+58X, PVP Siddhartha Engineering College Rd,
 Chalasani Nagar, Kanuru, Vijayawada, Andhra Pradesh
 520007, India

Latitude	Longitude
16.4904389°	80.6935443°
Local 09:58:28 AM	Altitude 8.64 meters
GMT 04:28:28 AM	Friday, 21.10.2022



Vijayawada, FMPV+W9W, Chalasani Nagar, Kanuru,
 Vijayawada, Andhra Pradesh 520007, India

Latitude	Longitude
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GMT 04:19:44 AM	Friday, 21.10.2022



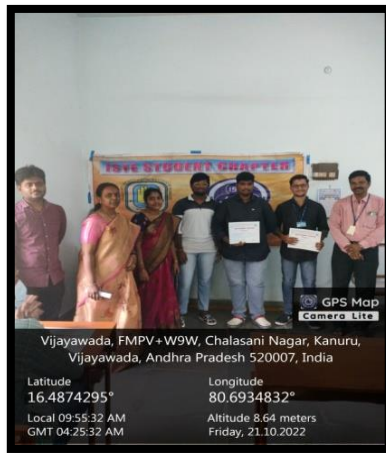
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CAYm3 (2021-2022):

Photos of Events organized by ISHRAE:

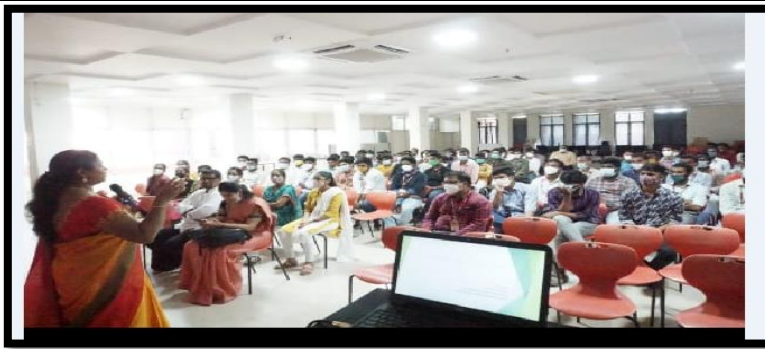
వీవీఐటీలో 'ఇష్రాఐ' విద్యార్థి విభాగం ప్రారంభం

పెదకాకాని, న్యూస్ టుడే: సంఖ్యారు వీవీఐటీ కళాశాలలోని మొకానికల్ ఇంజనీర్ విభాగం ఆధ్వర్యంలో 'ది ఇండియన్ సొసైటీ ఆఫ్ హిటింగ్, రిఫ్రీజరేటింగ్ అండ్ ఎయిర్ కండిషనింగ్ ఇంజనీర్స్ (ఇష్రాఐ) విద్యార్థి విభాగాన్ని ప్రారంభించినట్లు ప్రిన్సిపల్ డాక్టర్ వై.మల్లికార్జునరెడ్డి తెలిపారు.

ఇష్రాఐ విజయవాడ శాఖకు చెందిన ప్రతినిధులు డాక్టర్ సందీపని, డాక్టర్ పి.అనూప కలిసి విద్యార్థులకు అవగాహన కల్పించి, క్విజ్ పోటీలను నిర్వహించారు. ప్రతిభచూపిన పిల్లలకు ప్రశంసాపత్రాలు అందించారు. ఈ సందర్భంగా ఇష్రాఐ ప్రతినిధులు మాట్లాడుతూ విద్యార్థుల్లో

కార్యక్రమంలో పాల్గొన్న ప్రిన్సిపల్ డాక్టర్ వై.మల్లికార్జునరెడ్డి, ఇష్రాఐ ప్రతినిధులు, అధ్యాపకులు

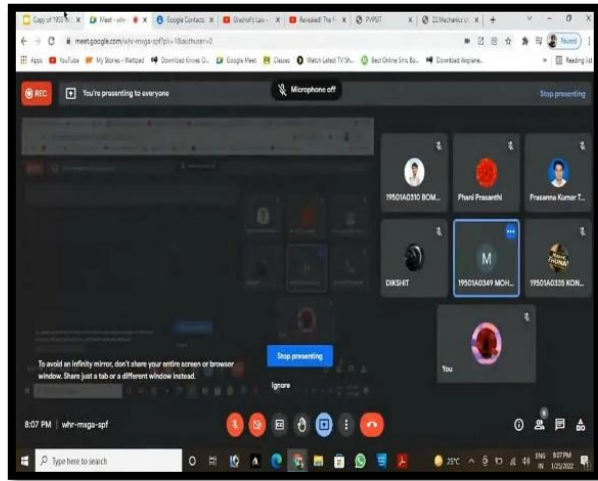
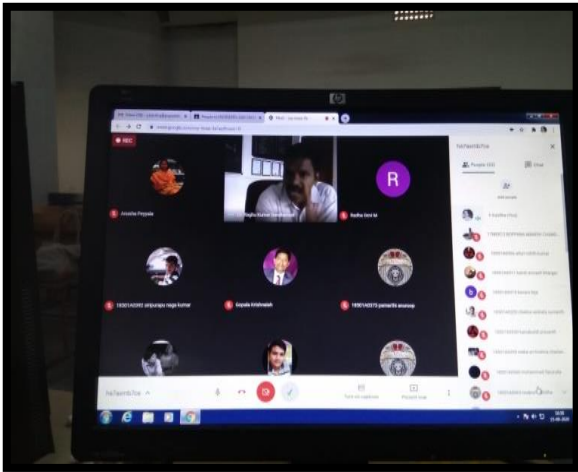
సాంకేతిక నైపుణ్యాలను పెంపొందించి నూతన ఆవిష్కరణల వైపు ఆలోచనలు మరిచేందుకు ఇటువంటి కార్యక్రమాలు తోడ్పడతాయని తెలిపారు. కార్యక్రమంలో డీన్ ఆఫ్ ఎడమిక్స్ డాక్టర్ కె.గిరిబాబు, మొకానికల్ విభాగాధిపతి డాక్టర్ కె.సత్యనారాయణ పాల్గొన్నారు.



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".

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

by Subin Wajid

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 The many anomalies & varying claims</p>	<p>DOCUMENT Azad Hind govt minister S. A. Ayyer, who drafted Netaji's death announcement, recalls: "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>"I was not inclined to believe their story"</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>DOC FILE on BTU/11/P16/92/POL (P140)</p> <p>WAS NETAJI ALIVE AFTER AUG 1945? (1945-46)</p> <p>INFERENCE Radio broadcasts genuine? Open-ended</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, for it is so improbable that no reasonable person can draw a conclusive inference. All passengers were squatting on the floor, and if plane nosedived, even half the passengers wouldn't have survived" <p>INFERENCE Netaji was "washed" near the fuel 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, 1946: "In under shelter of a great world power... I'll go to India on the crest of a Third World War..."</p>

M

TS57A434H MOHAMMED ABDUL RAHIM AHMED