G. PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS); KURNOOL

List of Student Activities conducted in the month of July- 2025

Civil Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of Civil Engineering Department conducted a **Guest Lecture** titled **"Next-Gen Civil Engineers: Carriers, Competencies and Cutting-Edge Technologies"** on 11-07-2025**,** 11:00 AM to 12:40 PM by Dr. Mali Shivashankar Assistant Professor, Department of civil Engineering, Madhav Institute of Technology and Science, Gwalior in co-ordination with Dr. T. Sowjanya and Dr. P. Lakshmi Shruthi in Seminar Gallery 2. A total No. of students about 200 participated and about 10 faculty are also present in the program.

2. The GPREC IE(I) Student Chapter of Civil Engineering Department conducted a field visit for the students of final year and shown the **"Earthwork Excavation, subgrade, subbase courses of road"** on 16-07-2025, 9:00Am to 10:40 AM by Dr. E. Sanjeeva Rayudu, Assistant Professor, Civil engineering Department, G. Pula Reddy College, Kurnool. A total no. of about 40 students participated in the event.

3. The GPREC IE(I) Student Chapter of Civil Engineering Department conducted **"Gate Exam on Geotechnical Engineering Subject"** on 26-07-2025 11:50 AM to 12:40 PM by Mr. Sai Deepak, (239X5A01B5) and of CED, GPREC in CE-2 of CED block-1. A total 14 students participated in GATE exam of both VIII semester A & B Sections. The event is coordinated by Dr. E. Ganesh, Assistant Professor, GPREC(A).

4. The GPREC IE(I) Student Chapter of Civil Engineering Department conducted **"Competitive Quiz"** on 26-07-2025 11:50 AM to 12:40 PM by Mr. S. Lakshmi Sai Prasanna Kumar (249XA01087) of CED, GPREC in CE-3 of CED block-2. A total of 86 students participated from both III semester A & B Sections. The event is coordinated by faculty members, Mr. M. Hemanth Kumar and Dr. R. Susmitha and Dr. Siva Krishna Assistant Professors, GPREC(A).

5. The GPREC IE(I) Student Chapter of Civil Engineering Department conducted **"Technical Quiz"** on 26-07-2025 11:50 AM to 12:40 PM by Mr. F. Muhammud Firoz, (249X5A01C9 of CED, GPREC in CE-5 of CED block-2. A total of 15 teams (with each team six students) participated from both V semester A & B Sections. This event is conducted by students and coordinated by Dr. T. Sowjanya and Dr. P. Lakshmi Shruthi.

Event No.: 1	
Event Name: Guest Lecture	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **11-07-2025, 11:00 AM to 12:40 PM**	**Event Type:** Awareness Program
Venue: Seminar Gallery-2 GPREC(A)	**Number of Participants:** The total no of students about 200 participated and about10 faculties are also present in the program.

Objective:

- To identify and discuss evolving roles and career paths in civil engineering
- To highlight Essential Competencies for Future Engineers
- To familiarize students with new technologies such as Building Information Modelling (BIM), AI in construction, IoT-based smart infrastructure, drones, and 3D printing in civil projects.
- To encourage students to adopt a growth mindset, stay updated with industry developments

Highlights: Dr. Mali Shivashankar Assistant Professor, Department of civil Engineering, Madhav Institute of Technology and Science, Gwalior addressed the gathering in co-ordination with Dr. T. Sowjanya and Dr. P. Lakshmi Shruthi, Assistant Professors of CED.

Outcome:

- Students learned awareness of diverse career avenues.
- understanding of required core and future skills
- advanced technologies transforming the civil engineering sector
- mindset geared toward innovation, research, and lifelong learning to adapt to ongoing technological and professional changes.

Photos

Event No.: 2	
Event Name: Earthwork Excavation, subgrade, subbase courses of road	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **16-07-2025, 09:00 AM to 10:40 AM**	**Event Type:** Field Exposure
Venue: GPREC(A)	**Number of Participants:** About 40 students participated and 2 faculty members.

Objective:

- To understand the procedures and techniques involved in earthwork excavation and different types layers
- To study the materials, methods, and equipment used
- To examine the important factors to take into account when building a basement

Highlights: Dr. E. Sanjeeva Rayudu, Assistant Professor, Civil engineering Department

Outcome:

- Students learned the process and technical requirements of earthwork excavation
- Aggregate requirements and grain size distribution of aggregate and gravel
- Rollers and type of load to be used for each layer

Photos

Event No.: 3	
Event Name: Gate Exam on Geotechnical Engineering Subject	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **26-07-2025, 11:50 AM to 12:40 PM**	**Event Type:** Competition
Venue: CE-1 GPREC(A)	**Number of Participants:** A total 14 students participated in GATE exam of both VIII semester A & B Sections and 2 faculty members.

Objective:

- To prepare students for the GATE (Graduate Aptitude Test in Engineering) in the subject of Geotechnical Engineering
- To strengthen the core concepts of soil mechanics, foundation engineering, and site investigation through syllabus-aligned teaching.
- To develop problem-solving and analytical skills required to solve numerical and conceptual GATE questions efficiently.
- To familiarize students with the GATE exam pattern, including multiple-choice, numerical answer, and matching-type questions.

Highlights: The questions were prepared by Dr. T. Sowjanya and coordinated by Dr. E. Ganesh, Assistant Professor, GPREC.

Outcome:

- geotechnical concepts such as soil classification, permeability, shear strength, consolidation, and bearing capacity.
- problems involving shallow and deep foundations, earth pressure theories, and slope stability
- apply principles of soil mechanics and foundation engineering to practical and theoretical problems

Photos

1 of 4

Event No.: 4	
Event Name: Competitive Quiz	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **26-07-2025, 11:50 AM to 12:40 AM**	**Event Type:** Competition
Venue: CE-1 GPREC(A)	**Number of Participants:** A total of 86 students participated from both III semester A & B Sections.

Objective:

- to improve students' comprehension of both general and subject-specific concepts by using interesting and competitive question styles.
- to cultivate the ability to think critically, make decisions quickly
- to use team-based quiz formats to promote healthy competition and collaboration among students.

Highlights: The event is coordinated by faculty members, Mr. M. Hemanth Kumar and Dr. R. Susmitha and Dr. Siva Krishna Assistant Professors, GPREC(A).

Outcome:

- Students learned the importance of timely response
- Develops interaction and communication skills
- Develops respond with assurance and precision to enhance performance
- Determine areas of improvement and knowledge gap

Photos

Event No.: 5	
Event Name: Technical Quiz	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **26-07-2025, 11:50 AM to 12:40 AM**	**Event Type:** Competition
Venue: CE-1 GPREC(A)	**Number of Participants:** A total of 15 teams (with each team six students) participated from both V semester A & B Sections.

Objective:

- to improve students' comprehension of both general and subject-specific concepts by using interesting and competitive question styles.
- to cultivate the ability to think critically, make decisions quickly
- to use team-based quiz formats to promote healthy competition and collaboration among students.

Highlights: This event is conducted by students and coordinated by Dr. T. Sowjanya and Dr. P. Lakshmi Shruthi.

Outcome:

- Students learned the importance of timely response
- Develops interaction and communication skills
- Develops respond with assurance and precision to enhance performance
- Determine areas of improvement and knowledge gap

Photos

Electrical & Electronics Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted The role of IEI Events in Engineering advancement by Resource person Dr.C.Harinath Reddy garu Associate Professor EEE Dept,GPREC, during 28-06-2025 **and** total of 72 students attended this Program.
2. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Study with AI: Empowering the Next Generation of Engineers by The III B.Tech EEE studens Mr Yunus and Mr. Rakesh Reddy conducted during 05-07-2025 and total of 28 students attended this Program.
3. The GPREC IE(I)of Electrical and Electronics Engineering Department organized Industrial Visit at 400KV substation, nannoor, Kurnool in association with IEEE. During 11-07-2025 and total of 56 students attended this program.
4. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Mind Blenders by The III B.Tech EEE students Ms.Lakshmi Sai Charitha and Ms.G.C Vijayalakshmi during 19-07-2025 and total of 30 students attended this program.

1. **Event Name: The role of IEI Events in Engineering advancement**

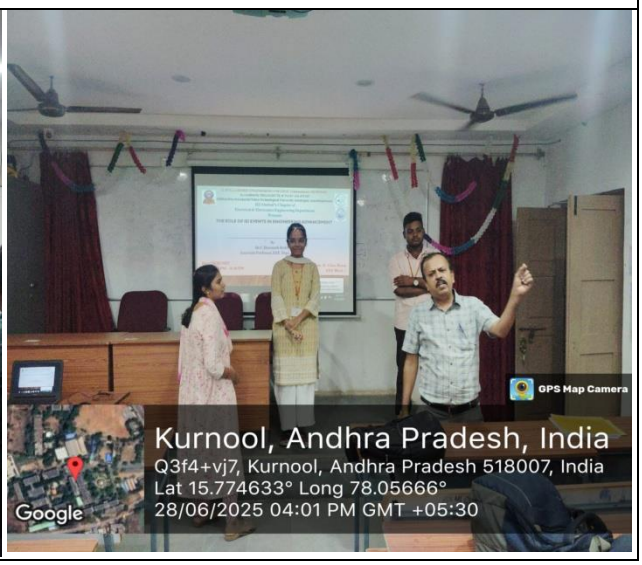
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**IE(I) of EEE**
Date:28-06-2025	**Event Type:** Personality development
Venue: E- Class room	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 72**

Objective: The role of IEI Events in Engineering advancement objective is to help engineering students stay updated with emerging technologies through seminars, workshops, and technical talks. They provide platforms for showcasing innovation, networking with professionals, and gaining practical insights beyond academics. This fosters skill development, research interest, and industry readiness among students.

Description: Resource Person Dr. C. Harinath Reddy garu described about IEI, to students to learn and how to approach new topics systematically, leading to deeper understanding and more effective retention of information. IEI events play a significant role in the engineering advancement of students by bridging the gap between academic learning and real-world applications. Through seminars, workshops, conferences, and technical competitions, students gain exposure to emerging technologies, industry trends, and innovative practices. These events encourage active participation, critical thinking, and research, helping students enhance their technical knowledge and problem-solving skills. Additionally, they offer valuable opportunities for networking with industry experts and academicians, fostering professional development and preparing students for future engineering challenges.

Outcome: Participation in IEI events results in enhanced technical knowledge, improved problem-solving and research skills, and greater awareness of current industry trends. Students gain practical insights beyond classroom learning, develop confidence through interaction with professionals, and build networks that can support future academic and career opportunities. These experiences also inspire innovation, teamwork, and a deeper commitment to ethical and sustainable engineering practices.

Photos



2. **Event Name:** Study with AI: Empowering the Next Generation of Engineers

Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**IE(I) of EEE**
Date:05-07-2025	**Event Type:** Career development
Venue: Class room	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 28**

Objective: To introduce engineering students to the transformative role of Artificial Intelligence (AI) in modern education, demonstrating how AI-powered tools and platforms can enhance learning efficiency, personalize study experiences, and foster innovation.

Description: The III B.Tech EEE studens Mr Yunus and Mr. Rakesh Reddy described Study with AI: Empowering the Next Generation of Engineers. In the age of rapid technological advancement, Artificial Intelligence (AI) is reshaping every aspect of life including how we learn. This event explores the role of AI in revolutionizing engineering education, offering students insights into smart learning tools that enhance productivity, understanding, and creativity. Through engaging talks, live demos, and interactive sessions, participants will discover how AI-driven platforms can assist in personalized learning, automated content generation, intelligent tutoring, coding assistance, data analysis, exam preparation, and more. The event also addresses the ethical implications and responsible use of AI in academic settings. Whether you're a beginner curious about AI or an engineering student looking to optimize your study methods, this session will equip you with practical skills and future-ready insights to thrive in an AI-powered academic and professional world.

Outcome: By the end of the event, students will have a clear understanding of how Artificial Intelligence is transforming modern education. They will be introduced to a variety of AI-powered tools that enhance learning efficiency, such as intelligent tutoring systems, automated note-taking, and coding assistants. Participants will gain practical exposure to these tools through demonstrations and guided activities. The session will also promote awareness of the ethical and responsible use of AI in academics. Overall, students will be empowered to integrate AI into their learning routines, making their study process more effective, personalized, and future-ready.

Photos

3. Event Name: Industrial visit to 400KV substation nannoor.	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**IE(I) of EEE**
Date:11-07-2025	**Event Type:** Technical
Venue:400KV substation nannoor.	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 56**
Objective: To provide students with practical exposure to the functioning, components, and safety practices of a high-voltage 400kV substation, enhancing their understanding of power transmission, grid interconnection, and real-world implementation of electrical engineering concepts.	
Description: The industrial visit to the 400kV substation at Nannoor offered engineering students a valuable opportunity to gain practical insights into high-voltage power transmission systems. The substation, operated by the state electricity board, plays a crucial role in the transmission and distribution of electricity across regions by stepping up or stepping down voltage levels as required. During the visit, students were briefed on the working principles, layout, and major components of the substation, including power transformers, circuit breakers, isolators, current transformers (CTs), potential transformers (PTs), lightning arresters, and busbars. The technical staff provided live demonstrations and answered queries, helping students connect theoretical knowledge with real-world applications. Overall, the visit enriched the students' understanding of grid infrastructure and prepared them for future roles in power system design, maintenance, and operation.	
Outcome: The industrial visit enabled students to gain practical exposure to the working of a high-voltage 400kV substation and its role in the power transmission network. They observed key components such as power transformers, circuit breakers, isolators, CTs, PTs, and busbars, and understood their functions in controlling and protecting the power system. Students were introduced to SCADA systems used for remote monitoring and automation. Overall, the visit bridged the gap between theoretical knowledge and real-world application, enhanced their technical understanding, and encouraged interest in careers related to power systems and grid operations..	
Photos	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Nannur Electric Substation, Nannur, Andhra Pradesh 518002, India
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4. **Event Name:** Mind Blenders

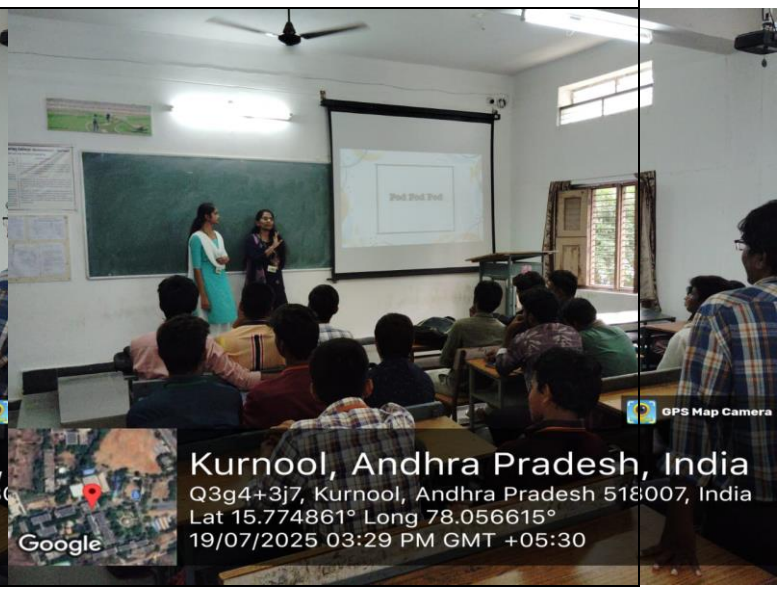
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**IE(I) of EEE**
Date:19-07-2025	**Event Type:** Personality development
Venue: EEE Class room	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count)** 30

Objective: To stimulate critical thinking, problem-solving abilities, and creativity among engineering students through challenging puzzles, brain teasers, and thought-provoking activities that go beyond textbooks and foster real-world analytical skills.

Description: III B.Tech EEE students Ms.Lakshmi Sai Charitha and Ms.G.C Vijayalakshmi are conducted mind blenders even. Mind Blenders for Engineering Students is an interactive platform. It challenges students with puzzles, brain teasers, logic problems, and real-world engineering scenarios. The initiative promotes critical thinking, creativity, and decision-making under pressure. It bridges theoretical knowledge with practical application in an enjoyable way. Students are encouraged to think beyond textbooks and conventional problem-solving methods. Activities are designed to enhance mental agility and team collaboration. Mind Blenders also nurtures competitive spirit through timed tasks and group challenges. It cultivates innovation by pushing students to approach problems from multiple angles. Suitable for all branches of engineering, it supports holistic intellectual growth. Overall, it prepares students for industry-level problem-solving and innovation-driven roles.

Outcome: The *Mind Blenders* event enhanced engineering students' critical thinking, problem-solving, and teamwork skills through engaging quizzes and brain-teasers. It encouraged practical application of technical concepts, fostered collaboration, and promoted interest in analytical learning beyond the classroom.

Photos



Mechanical Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of Mechanical Engineering Department conducted a Knowledge Exchange Session on "Anti Drug" by K. Jayasimha Reddy, Assistant Professor, ME Dept, GPREC On 24th June 2025. A total of 32 students attended.
2. The GPREC IE(I) Student Chapter of Mechanical Engineering Department conducted a Technical Analysis of "Experimental Procedure and Calculations Process" by E. Siva Reddy, Assistant Professor, ME Dept, GPREC On 4th July 2025. A total of 42 students attended.
3. The GPREC IE(I) Student Chapter of Mechanical Engineering Department conducted a Technical Video Presentation of "From Design to Reality – Hanging Bridge Construction" On 11th July 2025. A total of 24 students attended.
4. The GPREC IE(I) Student Chapter of Mechanical Engineering Department conducted a **Path Finder Session on "Approaches to Problem Selection in Engineering"** by E. Siva Reddy, Assistant Professor, ME Dept, GPREC On 14th July 2025. A total of 31 students attended.
5. The GPREC IE(I) Student Chapter of Mechanical Engineering Department conducted a **Knowledge Enhance Session** on **"Open-Source Tools for Mechanical Engineering"** By Mr. C. Venkatesh, IV B.Tech, ME Department, GPREC On 18th July 2025. A total of 100 students attended.
6. The GPREC IE(I) Student Chapter of Mechanical Engineering Department conducted a **Webinar on "ROBO DK – Collaborative Robots (Cobots) Simulation"** By Simusoft Technologies, Pune, Maharashtra. On 23rd July 2025. A total of 104 students attended.

Event Name: Knowledge Exchange Session on "Anti Drug"	
Name of the cell and Forum/society (CAA)	**IE(I) ME Department**
Date:24th June 2025 **(11:50 – 12:40 PM)**	**Event Type: Knowledge Exchange**
Venue: ME-5 Class Room, ME dept.	**Number of Participants: 32 (IV B. Tech)**
Objective: To raise awareness among engineering students about the harmful effects of drug abuse on health, academics, and professional life. To educate students on the social, legal, and psychological impacts of drug addiction.	
Description: This session provides an interactive platform for engineering students to exchange knowledge, insights, and technical solutions related to drug abuse prevention. It includes, case studies, and collaborative discussions to highlight how engineering skills and technological innovations can contribute to combating drug addiction. The session aims to cover the biology and psychology of addiction, legal frameworks, and preventive strategies while engaging students in actionable dialogue and innovative thinking. It also emphasizes the role of students as both beneficiaries of and contributors to a drug-free academic and social environment.	
Outcome: Strengthened commitment among students to foster a supportive and vigilant peer environment against substance abuse. A network of informed and motivated students ready to advocate for a drug-free campus and community.	
Photos	
	

Event Name: Experimental procedure and calculations Process	
Name of the cell and Forum/society (CAA)	**IE(I) ME Department- (ME250701)**
Date:4th July 2025 **(11:50 – 12:40 PM)**	**Event Type: Technical Analysis**
Venue: ME-4 Class Room, ME dept.	**Number of Participants: 42 (II B. Tech)**
Objective: To enable students to systematically plan, execute, and analyze engineering experiments, emphasizing both procedural rigor and calculation accuracy. Focus is on Mechanics of Solids laboratory.	
Description: Students are tasked with setting up and conducting the experiment e.g., testing material properties. Students must document each step, detail resources and equipment, and adhere to safety and calibration requirements. They are also expected to identify sources of error and propose improvements in methodology	
Outcome: Participants should be able to connect experimental results to mechanical engineering principles, articulate limitations, and suggest further work or applications. The event will strengthen students' technical writing, report preparation, and oral communication about experimental methods and results	
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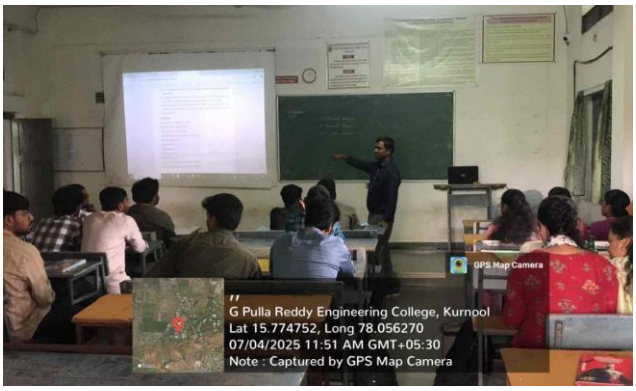
	

Event Name: "From Design to Reality – Hanging Bridge Construction"	
Name of the cell and Forum/society (CAA)	**IE(I) ME Department- (ME250702)**
Date: 11th July 2025 **(11:50 – 12:40 PM)**	**Event Type: Technical Video Presentation**
Venue: ME-SG, ME dept.	**Number of Participants: 24 (II B. Tech)**
Objective: To provide mechanical engineering students with a comprehensive, visual understanding of the step-by-step process involved in constructing a hanging (suspension) bridge—from initial design through to final assembly and commissioning.	
Description: The video traces every major phase in the construction of a hanging bridge, typically including: **Conceptual Design & Planning**: Introduction to site selection, design factors (such as span length and load), and computer modeling of bridge components and forces. **Foundation and Piling**: Showcasing the creation of deep foundations using drilling/excavation methods to minimize soil disturbance, installation of diaphragm walls, and anchorage systems vital for cable supports. **Erection of Towers and Anchorages**: Assembly of piers/towers and anchor blocks that absorb cable tension and uphold the bridge's main span **Finishing Works and Testing**: Painting, adding corrosion protection, lighting, and load testing with heavy vehicles or simulated loads, followed by final commissioning	
Outcome: This event helps students internalize large-scale construction logic, encourages questioning, and inspires innovation in future infrastructure development.	
Photos	
	

Event Name: Path Finder Session on "Approaches to Problem Selection in Engineering"	
Name of the cell and Forum/society (CAA)	**IE(I) ME Department –(ME250703)**
Date: 14th July 2025 **(1:40 – 2:30 PM)**	**Event Type:** Path Finder Session
Venue: ME-6, ME dept.	**Number of Participants: 31 (IV B. Tech)**

Objective: To help students understand systematic approaches for identifying and selecting meaningful engineering problems based on technical, practical, and societal relevance.

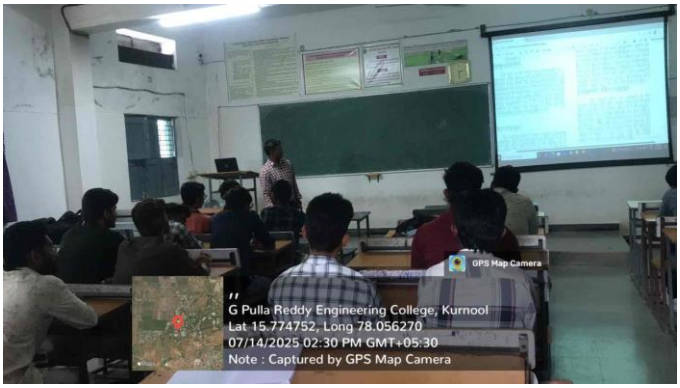
To develop skills in critically evaluating problem sources, aligning problem choice with personal interests and career goals, and considering feasibility and impact.

Description: The session introduces students to structured methodologies commonly used in engineering problem identification and selection. It covers steps such as:

- Recognizing and articulating real-world needs or gaps through observation, literature review, or industry input.
- Setting clear objectives for what a desirable solution should achieve, including criteria and constraints (such as cost, feasibility, and impact).
- Gathering background information to validate the significance and context of potential problems

- **Outcome:** Enhanced critical thinking and decision-making skills, particularly in prioritizing problems and justifying their selections based on clear criteria.
- Improved readiness to initiate engineering projects, research papers, or design challenges with a robust problem-selection process.

Photos



Event Name: Knowledge Enhance Session on **"Open-Source Tools for Mechanical Engineering"**	
Name of the cell and Forum/society (CAA)	**IE(I) ME Department (ME250704)**
Date: 18th July 2025 **(11:50 – 12:50 PM)**	**Event Type:** Knowledge Enhance Session
Venue: ME-SG, ME dept.	**Number of Participants: 100 (II B. Tech)**

Objective:

- To introduce mechanical engineering students to a range of powerful open-source software tools useful for design, simulation, analysis, and manufacturing.
- To equip students with the knowledge to select and effectively use these tools for their academic projects and real-world applications.

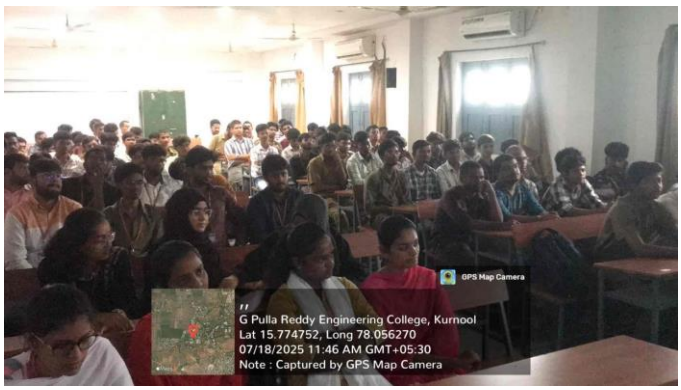
Description:

- This session covers key categories of open-source software utilized in mechanical engineering, including CAD (Computer-Aided Design), CAM (Computer-Aided Manufacturing), FEA (Finite Element Analysis), and CFD (Computational Fluid Dynamics).
- Popular tools like FreeCAD (for parametric 3D modeling), LibreCAD (2D drafting), CalculiX and Code_Aster (for structural analysis), and OpenFOAM (for fluid dynamics) will be demonstrated with examples relevant to mechanical engineering problems.
- Discussion will include how these tools can be integrated into design and manufacturing workflows, user interface basics, and community resources for learning and troubleshooting.

Outcome:

- Students will gain awareness and foundational understanding of major open-source tools available for mechanical engineering tasks.
- Participants will be able to explore and start using these tools for designing, analyzing, and prototyping mechanical components.

Photos

 OPEN SOURCE TOOL FOR MECHANICAL ENGINEERING GPS Map Camera " G Pulla Reddy Engineering College, Kurnool Lat 15.774752, Long 78.056270 07/18/2025 11:46 AM GMT+05:30 Note : Captured by GPS Map Camera	 GPS Map Camera " G Pulla Reddy Engineering College, Kurnool Lat 15.774752, Long 78.056270 07/18/2025 11:46 AM GMT+05:30 Note : Captured by GPS Map Camera

Event Name: Webinar on "ROBO DK – Collaborative Robots (Cobots) Simulation"	
Name of the cell and Forum/society (CAA)	**IE(I) ME Department (ME250705)**
Date: 23rd July 2025 **(11:00 – 12:30 PM)**	**Event Type:** Webinar
Venue: ME-SG, ME dept.	**Number of Participants: 104 (IV B. Tech)**

Objective:

- To introduce mechanical engineering students to RoboDK software as a powerful tool for simulating and programming collaborative robots (cobots) offline.
- To demonstrate how RoboDK enables the design, testing, and optimization of cobot tasks in a virtual environment, reducing production downtime and improving workflow efficiency.
- To build students' skills in robot path planning, collision avoidance, and programming automation without requiring advanced coding expertise.

Description:

- The webinar will cover the features and capabilities of RoboDK software, focusing on its application to collaborative robot simulation.
- Participants will learn how to use RoboDK's intuitive graphical interface to simulate robot movements and operations using 3D models, drag-and-drop programming, and offline programming tools.
- The session includes demonstrations of task simulations such as pick-and-place, welding, machining, and assembly, with emphasis on offline program generation to deploy directly on robot controllers.

Outcomes:

- Students will gain practical knowledge of how to simulate and program collaborative robots realistically and efficiently.
- They will understand the benefits of offline programming and simulation to eliminate production downtime and enhance robot task reliability.

Photos

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Electronics & Communication Engineering Department
IE(I) Students Chapter

Nil

Computer Science & Engineering Department
IE(I) Students Chapter

- IEI Student Branch, Department of CSE, organized Riddle Run on **7-07-2025** from 2.30 pm to 3.20 pm. Number of students who participated in the event was 35.

- IEI Student Branch, Department of CSE, organized Technical Quiz on **19-07-2025** from 2.30 pm to 3.20 pm. Number of students who participated in the event was **34**.

- IEI Student Branch, Department of CSE, organized **Code & Clue Carnival** on **21-07-2025** from 2.30 pm to 3.20 pm. Number of students who participated in the event was **64**.

- IEI Student Branch, Department of CSE, organized MindSpark on **22-07-2025** from 2.30 pm to 3.20 pm. Number of students who participated in the event was **53**.

1. **Event Name:** Riddle Run	
Name of the cell :CAA	**IE(I) CSE**
Date:7-07-2025	**Event Type: Technical Type**
Venue:CS-4	**Number of Participants: 35**
Objective: The objective of this event is to **enhance students' logical thinking and technical problem-solving through interactive riddles and challenges. To create an engaging learning environment that promotes collaboration, quick thinking, and concept reinforcement.**	
Highlights: This event offers an exciting blend of technical and general knowledge questions challenges, Encouraged critical thinking, teamwork, and time-bound problem solving	
Outcome:• Students demonstrated improved logical reasoning and technical application skills. • The activity fostered a fun, competitive environment that enhanced engagement and participation. • Reinforced key computer science concepts through gamified learning.	

Photos

2. Event Name: Technical Quiz

Name of the cell :CAA	**IE(I) CSE**
Date:19-07-2025	**Event Type: General and Technical Type**
Venue:CS-1	**Number of Participants:40**

Objective: The objective of this event is to enhance participants problem-solving abilities and logical thinking skills through aptitude and sequence-based questions. By incorporating fun activities, the event aims to create an engaging and stimulating environment that encourages critical thinking, quick decision-making, and teamwork.

Highlights:

This event offers an exciting blend of technical and general knowledge questions challenges, helping participants sharpen their society development skills. Engaging activities like pattern recognition, and brain teasers add a fun twist to learning. With an interactive and competitive environment, the event not only enhances critical thinking but also prepares students for placement exams.

Outcome: Participants will develop strong problem-solving and analytical thinking skills through aptitude and sequence-based challenges. The event will enhance their past knowledge abilities, helping them tackle placement exams and competitive tests with confidence. Additionally, teamwork and time management will be reinforced, making learning both enjoyable and effective. By the end of the event, participants will feel more prepared for real-world founder's scenarios.

Photos

3. Event Name: Code & Clue Carnival

Name of the cell : CAA	**IE(I) CSE**
Date:21-07-2025	**Event Type: Technical Type**
Venue:CS-2	**Number of Participants:64**

Objective: The event aimed to make technical learning more engaging by integrating riddles, clues, and puzzles based on core computing concepts. It was also intended to promote curiosity and enthusiasm for programming, algorithms, and debugging outside of conventional classroom methods.

Highlights: Designed in a game-based format, the event created a fun yet challenging environment for participants to test their technical knowledge and reasoning abilities. Students from various academic years actively participated, either individually or in teams, fostering peer learning and collaboration.

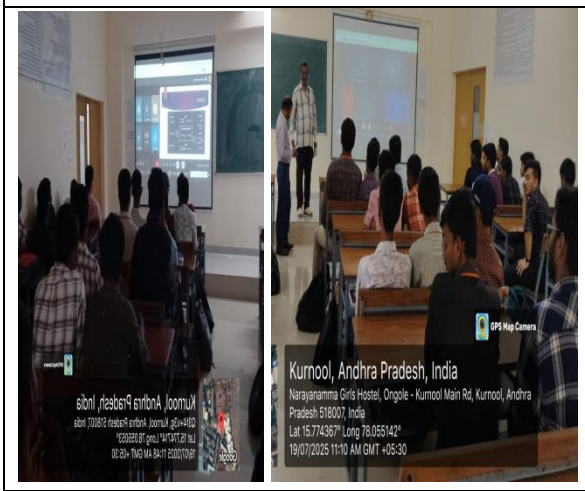
Outcome: Participants gained a better understanding of fundamental computer science concepts through hands-on application in a playful setting. The activity also encouraged students to think critically under time constraints and collaborate effectively with peers.

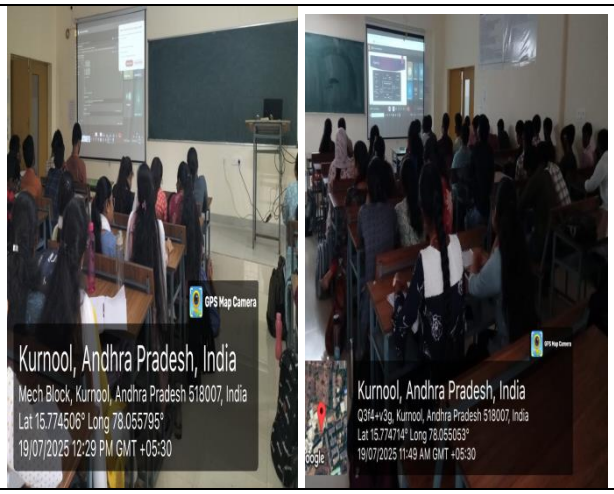
Photos

4. Event Name: Mind Spark	
Name of the cell :CAA	**IE(I) CSE**
Date:22-07-2025	**Event Type: Technical Type**
Venue: CS-E class room	**Number of Participants:53**
Objective: The activity aimed to reinforce fundamental concepts from programming, data structures, and computer science through interactive and playful methods. It also sought to develop students' problem-solving abilities, time management skills, and encourage creative thinking in a collaborative learning environment.	
Highlights: Students actively participated both individually and in teams, demonstrating enthusiasm and healthy competition. The event was characterized by high energy, active participation, and a fun-filled atmosphere that seamlessly blended learning with excitement.	
Outcome: The participants exhibited improved confidence in analyzing problems, identifying patterns, and making quick decisions. The activity also fostered collaboration, communication, and peer-to-peer learning.	
Photos	
	

Department of Emerging Technologies in Computer Science (ECS)

1. IE(I) student chapter of ECS dept organized an online webinar on "Webinar on **Data to Decisions-The Power of Data Science" during 29th July 2025.**
2. IE(I) student chapter of ECS dept organized an event on "TECH MOVIE on industry relevant topics" during 24th July 2025.
3. IE(I) student chapter of ECS dept organized an event on "CODING-DECODING" during 31st July 2025.

<table>
<tr><td colspan="2">Event Name: Guest Lecture on "Data to Decisions-The Power of Data Science".</td></tr>
<tr><td>Name of the cell and Forum/society</td><td>CAA – IEI</td></tr>
<tr><td>Date:19th JULY 2025 (11:00AM – 12:30 PM)</td><td>Event Type: Technical</td></tr>
<tr><td>Venue: III sem CSM-A,B & CSD A,B Class Rooms</td><td>Number of Participants:200</td></tr>
<tr><td colspan="2">Objective:The main objective of this session is to create awareness on Data Science, Machine Learning and Generative AI algorithms and applications.</td></tr>
<tr><td colspan="2">Description: As a part of the student skill development program, the department of ECS organized a Guest Lecture event in association with IEI Students Chapter called "Data to Decisions-The Power of Data Science." for the benefit of students by Mr. Kiranjit Parida, Data Engineer. A Guest lecture was planned with the Industry expert in the domain to share the on field insights from relevant experiences. This event was conducted in the respective classrooms of III sem CSM & CSD of ECS dept. where students were provided with an opportunity to interact with the guest faculty and gain informative inputs to understand the importance of Data Science, Machine learning and Gen AI algorithms and applications.</td></tr>
<tr><td>Outcome:</td><td>Students actively participated in the event.</td></tr>
<tr><td colspan="2">Photos</td></tr>
<tr><td colspan="2"> 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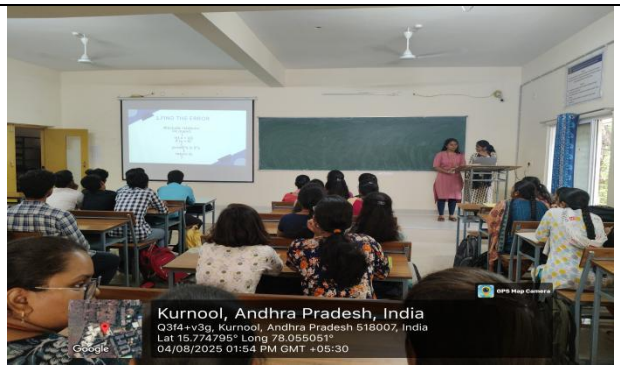
Event Name: TECHMOVIE on industry relevant topics	
Name of the cell and Forum/society	**CAA – IEI**
Date:24st July 2025**(2:30PM – 3:20 PM)**	**Event Type: Technical**
Venue: ECS- Class Rooms	**Number of Participants:150**
Objective: The main objective of this event is to improve listening, observational and understanding skills.	
Description: As a part of IE(I) activity, GPREC IE(I) student's chapter of ECS department organized an event called "TECH MOVIE on industry relevant topics" for getting awareness of the emerging technology for the students. In this event students watch a video content on trendy industry relevant topics for 15 minutes to improve their skills of listening and observation. After listening video students need to answer questions prepared from the video content for 2 minutes. Students who can give best answers on the topic is considered as a winner.	
Outcome: Participants listened to the video content answered question posed on the video content actively.	
Photos	
	
	

Event Name: CODING-DECODING	
Name of the cell and Forum/society	**CAA – IEI**
Date:31st July 2025**(2:30PM – 3:20 PM)**	**Event Type: Technical**
Venue: ECS- Class Rooms	**Number of Participants:100**
Objective: The main objective of this event is to improve listening, observational and understanding skills.	
Description: As a part of IE(I) activity, GPREC IE(I) student's chapter of ECS department organized an event called "CODING-DECODING" for getting awareness on the identification of bugs,outputs and language syntaxes. In this event coordinators display a code to identify either errors or outputs and language specific syntaxes. After participating in the event students gets awareness to improve their coding skills. Students who can give best answers for the questions asked are considered as a winner.	
Outcome: Participants answered questions actively.	
Photos	
	
	

ISTE Students Chapter

1. An event “Mind Maze” was conducted for the students of II year, III year and IV year B. Tech students of all branches on 17.07.2025 from 3.30 PM to 4.30 PM. The total number of students participated is 48.

<table>
<tr><td colspan="2">Event Name: Mind Maza</td></tr>
<tr><td>Name of the cell and Forum/society (EAA/NSS/VSC/CAA)</td><td>CAA</td></tr>
<tr><td>Date: 17-07-2025</td><td>Event Type: ISTE Student Chapter</td></tr>
<tr><td>Venue: EEE –4 class room</td><td>Number of Participants : 48</td></tr>
<tr><td colspan="2">Objective: The objective of this event is to make students sharpen their memory skill and recollecting ability by participating in activity in which they have to identify and spot the words quickly in a short time in a given puzzle and answer the question in just a minute .This event is all about testing the memory, related to technical topics and field of science in a given time.</td></tr>
<tr><td colspan="2">Highlights: As a part of ISTE Student Chapter activity Mind Maza was conducted on 17-07-2025 at 3-30 PM to 4.30 PM in EEE -4-class room . This event organised by 6 students. Nearly 48 students participated in the contest. Out of48 student 17 students from EEE,11 from CSE,7 from ECE,10 from ME,2 from ECS and 1 from CE.</td></tr>
<tr><td colspan="2">Outcome: Conduction of this event which is a mind boosting and brain storming activity was highly helpful to the students in increasing their knowledge and enhancing their memory skills</td></tr>
<tr><td colspan="2">Photos</td></tr>
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</table>

CSI Student Branch

Nil

List of activities done under IEEE STB 15721

IEEE WIE AG (SBA15721), IEEE PES SBC 15721B, IEEE PELS SBC 15721F, IEEE IAS SBC 15721E, IEEE RAS SBC15721G

1. IEEE PELS/PES/IAS SBC of GPREC organized a session on Connect & Thrive by Dr.V.Anantha Lakshmi on **27th June 2025** for II B.Tech EEE -A students. Number of participants for the event are 46.

2. IEEE PELS/PES/IAS SBC of GPREC organized a session on Connect & Thrive by Dr.V.Anantha Lakshmi on **3rd July 2025** for II B.Tech EEE-B students. Number of participants for the event are 41.

3. IEEE PELS SBC of GPREC organized a session on Administrative Meeting by Dr.V.Anantha Lakshmi on **8th July 2025** . Number of participants for the event are 24.

4. IEEE PELS SBC & IEI of EEE Dept. of GPREC organized an Industrial Visit to 400/220 KV Time Substation, AP Transco Nannur, on 11th July 2025 for II B.Tech EEE students. Number of participants for the event are 56.

5. IEEE IAS SBC of GPREC organized Arduino Jumpstart on 10th July 2025 for II B.Tech EEE students. Number of participants for the event are 66.

6. IEEE PES SBC of GPREC organized The polished pixel: mastering poster and certificate design on 17th July 2025 for II B.Tech EEE students. Number of participants for the event are 24.

7. IEEE PELS SBC of GPREC organized a session on Daksha by Dr.K.Devaki Devi & Dr.V.Anantha Lakshmi on **19th July 2025** for II B.Tech EEE students. Number of participants for the event are 42 .

8. GPREC IEEE WIE AG organized an Awareness Programme on “"IEEE -Women in Engineering Society" on 22nd and 23rd July 2025. The event is aimed to impart awareness about IEEE – WIE Society its role and objectives and inspire all students to take the membership. Total number of students participated is 50.

<table>
<tr><td colspan="2">Event Name: Connect & Thrive (Awareness Programme)</td></tr>
<tr><td>Name of the cell and Forum/society (EAA/NSS/VSC/CAA)</td><td>CAA – IEEE PELS SBC& EEE Dept.</td></tr>
<tr><td>Date: 27/06/2025

Time:3:20 pm – 4:00 pm</td><td>Event Type: Non -Technical</td></tr>
<tr><td>Venue: EEE Class Room -1</td><td>Number of Participants: 46</td></tr>
<tr><td colspan="2">Objective: The main objective of these awareness sessions is to introduce students to IEEE, showcasing its global impact, diverse opportunities in tech, and the benefits of membership for their academic and career growth.</td></tr>
<tr><td colspan="2">Description:The Awareness sessions on IEEE are tailored for II EEE-A students in order to explore the world of IEEE, a global hub driving technological innovation. The session is a gateway to the world of possibilities within IEEE. It serves as a catalyst for students, injecting their academic journey with real-world relevance. It's a roadmap to connectivity, collaboration, and career pathways. Students are empowered with insights, networking avenues, and a direct line to industry advancements, shaping them into tech-savvy leaders of tomorrow.</td></tr>
<tr><td colspan="2">Outcome:

The students were able to discover the vast opportunities available within IEEE, from cutting-edge research to career advancement, all designed to ignite their passion for technology and empower their academic and professional journey. The students have come forward for attaining IEEE memberships enthusiastically</td></tr>
<tr><td colspan="2">Photos</td></tr>
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</table>

Event Name: Connect & Thrive (Awareness Programme)	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE PELS SBC& EEE Dept.**
Date: 3/07/2025 Time:3:20 pm – 4:00 pm	**Event Type: Non -Technical**
Venue: EEE Class Room -2	**Number of Participants: 41**

Objective:

The main objective of these awareness sessions is to introduce students to IEEE, showcasing its global impact, diverse opportunities in tech, and the benefits of membership for their academic and career growth.

Description: The Awareness sessions on IEEE are tailored for II EEE-B students in order to explore the world of IEEE, a global hub driving technological innovation. The session is a gateway to the world of possibilities within IEEE. It serves as a catalyst for students, injecting their academic journey with real-world relevance. It's a roadmap to connectivity, collaboration, and career pathways. Students are empowered with insights, networking avenues, and a direct line to industry advancements, shaping them into tech-savvy leaders of tomorrow.

Outcome: The students were able to discover the vast opportunities available within IEEE, from cutting-edge research to career advancement, all designed to ignite their passion for technology and empower their academic and professional journey. The students have come forward for attaining IEEE memberships enthusiastically

Photos

Event Name: Administrative Meeting	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE PELS SBC**
Date: 8/07/2025 Time:3:20 pm – 4:00 pm	**Event Type: Non -Technical**
Venue: Power systems Lab	**Number of Participants: 24**
Objective: The objective of the IEEE Administrative Meeting was to discuss strategic planning and operational activities for the upcoming term. The meeting aimed to review past initiatives and set goals for future projects. It provided a platform for members to share updates and address challenges. Overall, the goal was to ensure efficient operations and enhance member engagement.	
Description: The IEEE Administrative Meeting served as a platform for discussing key insights about the Executive Committee and strategies for effectively organizing upcoming events. Members engaged in an in-depth review of the roles and responsibilities within the Execom, emphasizing the importance of collaboration and clear communication to enhance the overall functioning of the committee.Overall, the meeting reinforced the commitment of the IEEE Student Branch to operate efficiently and continue providing valuable opportunities for learning and professional development to its members.	
Outcome: The students were able to discover the vast opportunities available within IEEE, from cutting-edge research to career advancement, all designed to ignite their passion for technology and empower their academic and professional journey. The students have come forward for attaining IEEE memberships enthusiastically	
Photos	
	

Event Name: INDUSTRIAL VISIT	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE PELS SBC & EEE Dept.**
Date: 11/07/2025 Time: 10.30 to 2:00 PM	**Event Type: Technical**
Venue: Nannur	**Number of Participants: 56**

Objective: The primary objective of the industrial tour from Pulla Reddy Engineering College to the 400/220kV Substation is to enhance students' understanding of electrical infrastructure and substation operations and the broader energy sector. Beyond technical knowledge, the tour seeks to cultivate critical thinking, problem-solving skills, and a sense of responsibility towards safety and sustainability in engineering practices. By providing a hands-on experience, the tour aims to bridge the gap between theoretical concepts taught in classrooms and their practical applications in the field. Furthermore, the tour seeks to familiarize students with safety protocols and industry standards, preparing them for future careers in electrical engineering.

Description: G.Pulla Reddy Engineering College students embarked on an illuminating industrial tour to a 400/220kV Substation, immersing themselves in the intricate world of electrical infrastructure. Guided by faculty members, they traversed through transformer yards, circuit breakers, and control rooms, gaining invaluable insights into substation operations. Safety protocols were emphasized, instilling a culture of responsibility. Through interactive sessions with industry professionals, students broadened their understanding of electrical engineering's real-world applications. The tour not only enhanced their practical knowledge but also fostered critical thinking and problem-solving skills. It stands as a testament to Pulla Reddy Engineering College's commitment to holistic engineering education.

Outcome: Industrial tour to the 400/220kV Substation provided students with invaluable practical exposure to real-world applications of electrical engineering concepts. It served as a platform for bridging the gap between theoretical knowledge and practical implementation. The insights gained from the visit will undoubtedly enrich the academic journey of the students and prepare them for future challenges in the field of electrical engineering.

Photos

Event Name: The polished pixel: mastering poster and certificate design	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE PES SBC**
Date: 17th July 2025	**Event Type: Technical**
Venue: EEE Computer Lab -3 **Time:3:20 – 5:00PM**	**Number of Participants: 24**

Objective:

The main objective of this event is to recognize student achievements through personalized certificates, Introduce students to basic graphic design principles and encourage creativity and digital literacy using Canva

Description:

Introduction to Canva:

- Students were given a walkthrough of Canva's interface
- Focused on certificate templates available in the Student Certificate Collection

Creative Enhancements:

- Students added icons, borders, and illustrations

Review and Presentation:

- Certificates were reviewed for layout and clarity
- Final designs were printed or shared digitally

Outcome:

Skill Development: Students learned about typography, layout, and branding

Collaboration: Some students co-designed certificates for peers

Photos

<table>
<tr><td colspan="2">Event Name: Daksha</td></tr>
<tr><td>Name of the cell and Forum/society (EAA/NSS/VSC/CAA)</td><td>CAA – IEEE PELS SBC & Women’s cell</td></tr>
<tr><td>Date: 19th July 2025</td><td>Event Type: Technical</td></tr>
<tr><td>Venue: EEE Class Room -2

Time: 3:20 – 4:20PM</td><td>Number of Participants: 42</td></tr>
<tr><td colspan="2">Objective:

The main objective of this session is to make students know about the situation of females in the community</td></tr>
<tr><td colspan="2">Description:

Adolescence, especially for girls, is a critical stage for early interventions to prevent violence. IEEE PELS SBC & Women’s Cell organized a session on the existence of “Women’s Cell” and how it helps female students to have a tension-free college life. Most importantly what are the situations they face and how to tackle them</td></tr>
<tr><td colspan="2">Outcome:

At the end of the session students were able to understand the importance of “Women’s cell” and “IEEE PELS SBC” the strategies they made to entirely support female students in all situations.</td></tr>
<tr><td colspan="2">Photos</td></tr>
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Information Theory Society Students Chapter (SBC15721D)

&

IEEE Communications Society Students Chapter (SBC15721)

&

IEEE Microwave Theory and Techniques Students Chapter (SBC15721)

&

IEEE Sensors Council (SBC15721H

1. IEEE GPREC IT SOCIETY conducted an **"Awareness program on AI"** on 16th to 19th June 2025 in VLSI lab, ECE Dept. The number of participants are 40.

2. IEEE GPREC IT SOCIETY organized a webinar on **""Unlocking AI Potential on STM32 MicroProcessor Using the X-LINUX-AI Expansion Package""** on 17th July 2025. The number of participants are 90.

3. IEEE GPREC MTT SOC conducted a **Technical Awareness Program on Applications, Career Opportunities in Microwave Theory & Techniques** on July 26th 2025 in ECE-1, ECE Dept. The number of members are 25.

4. IEEE GPREC SENSORS COUNCIL conducted an event "**IEEE Awareness session"** on 15th July 2025 in ECE 4 classroom, ECE Dept. Total number of attendees are 64. Among, IEEE Execom members are 10.

5. IEEE GPREC SENSORS COUNCIL organized an event "**ELECTROROULETTE**" on 22nd July 2025. The number of participants are 28.

6. IEEE GPREC COMSOC conducted an lecture on "RF Fundamentals: Communications, Systems, Signals & Noise" by Greg Bonaguide, Application Engineer Rohde & Schwarz, USA
   on 2nd July 2025. The objective is to enhance students' understanding of RF communication fundamentals, signals, systems, and noise analysis through expert insights from industry. Total number of students participated is 180.

Event Name: ""Awareness program on AI" "	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE IT SOCIETY**
Date:16-06-2025 to 19-06-2025	**Event Type: Awareness Program**
Venue: Government School, VR Colony, Kurnool	**Number of Participants: 40**
Objective: To main aim of this program is to introduce young minds to the fascinating world of Artificial Intelligence. The program aims to spark curiosity and inspire students by explaining the basic concepts of AI, its real-life applications, and its growing importance in everyday life.	
Description of the event: As part of its outreach initiatives, the IEEE Information Theory Society (IT) under GPREC Student branch conducted a community service program. Volunteers engaged the children with basic academic sessions on Awareness on Artificial Intelligence, organized motivational talks to build their confidence and inspire them towards positiveness, and conducted team-small quizzes to promote cooperation and enthusiasm.	
Outcome: The outreach program instilled hope, positivity, and motivation among the children. Volunteers developed essential skills such as empathy, patience, effective communication, teamwork, adaptability, and leadership. The initiative reflected IEEE IT's	

commitment to social responsibility by encouraging students to contribute meaningfully to society and make a positive difference in others' lives.

Photos

Event Name: "Unlocking AI Potential on STM32MP1 Using the X-LINUX-AI Expansion Package"

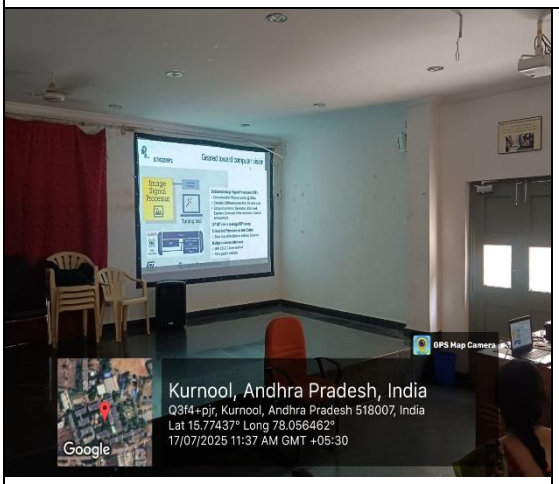
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE IT SOCIETY**
Date:17-07-2025	**Event Type: Webinar**
Venue: SG-2	**Number of Participants: 90**

Objective: The main objective of this event is to introduce participants to AI capabilities on STM32MP1 microprocessors using the X-LINUX-AI expansion package. To explore real-world AI applications at the edge using STM32 embedded solutions.

Description of the event: This webinar aims to provide a comprehensive introduction to deploying Artificial Intelligence on embedded systems using STM32MP1 microprocessors.

Outcome: Participants will gain a clear understanding of how to enable and accelerate AI development on STM32MP1 using X-LINUX-AI.. Participants will be empowered to apply AI in various domains like vision, audio, and sensor-based applications on embedded platforms.

Photos



Event Name: Applications, Career Opportunities in Microwave Theory & Techniques	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE MTTSOC**
Date:26-07-2025	**Event Type: Technical Awareness Program**
Venue: ECE-1(Second Floor)	**Number of Participants: 25**
Objective: The primary objective of this awareness program is to educate and inspire participants about	

the diverse applications and promising career opportunities within the field of Microwave Theory & Techniques.

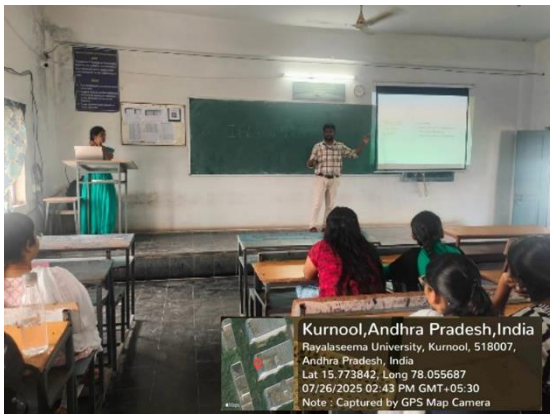
Description of the event:

- **Introduce foundational concepts:** Provide a clear, accessible overview of what microwave theory and techniques entail, including the nature of microwave frequencies and their unique properties.
- **Showcase real-world applications:** Illustrate the pervasive role of microwave technology in everyday life and various industries, beyond common perceptions.
- **Highlight career pathways:** Outline the wide array of professional roles, industries, and growth prospects available to individuals with expertise in this specialized field.

Outcome:

- **Outcome 1:** Participants will have a clearer conceptual grasp of what constitutes "microwave frequencies," their unique properties (e.g., wavelength, line-of-sight propagation), and basic associated theories.
- **Outcome 2:** Attendees will gain a comprehensive appreciation for the vast and diverse real-world applications of microwave technology, extending beyond typical knowledge (e.g., radar, satellite, 5G, medical, industrial).

Photos



Event Name	**Awareness on IEEE**
Name of the Cell and Forum/Society	**CAA – IEEE SENSORS COUNCIL**
Date	**15/07/2025**
Event Type	**Awareness Session**
Venue	**ECE 4**
Number of Participants	**64 (IEEE – 10, Non-IEEE – 54)**
Objective To create awareness among students about the benefits, structure, opportunities, and global	

network of IEEE.

Highlights

The session included:
- Introduction to IEEE and its global outreach
- Benefits of IEEE membership
- Opportunities in IEEE Societies, Journals, and Competitions
- Success stories of IEEE student members
- Q&A and Membership guidance desk

Outcome

Participants gained a clear understanding of IEEE's role in enhancing technical knowledge, leadership, and career-building opportunities. Several non-IEEE students expressed interest in joining.

Photos

Event Name	**ELECTROROULETTE**
Name of the Cell and Forum/Society	**CAA – IEEE SENSORS COUNCIL**

Date	**22/07/2025**
Event Type	**Technical Fun-Based Event**
Venue	**ECE Department, GPREC**
Number of Participants	**28 (IEEE – 12, Non-IEEE – 16)**
Objective To foster technical thinking through fun-based electrical/electronics challenges, enhancing logic and teamwork.	
Highlights The event consisted of interactive rounds: - Component Identification Roulette - Rapid Fire Tech Quiz Participants spun a roulette to determine their challenge, adding excitement and spontaneity.	
Outcome Strengthened basic electronics knowledge through gamified learning. Boosted interest in IEEE technical activities and improved peer collaboration.	
Photos 	

Date: 2nd July, 2025

Event Number: CAA/S.No.

Name of the CAA Chapter: GPREC IEEE SB, IEEE ComSoc

Collaborating Organization:

Name of the Activity: RF Fundamentals: Communications, Systems, Signals & Noise

Date and Time of Activity: 02/07/2025, 11:40AM – 12:40PM

Details of Resource Persons, if any: Greg Bonaguide, Application Engineer Rohde & Schwarz, USA

Meeting link:

Number of Participants (List to be enclosed): Total number of students are 180

IEEE Students: 20

Non –IEEE students: 160

Details of Faculty /Students Coordinators:

Faculty Coordinators:

Dr T. Swathi , Assistant Professor, ECE Department, IEEE COMSOC Faculty Advisor.

Dr.J.Salai Thillai Thilagam, Associate Professor , ECE Department

Student Coordinator:

A Yashaswnini, GPREC IEEE SB ComSoc - Chair

MSNV Vagdevi , GPREC IEEE SB ComSoc – Vice Chair

OBJECTIVE: To enhance students' understanding of RF communication fundamentals, signals, systems, and noise analysis through expert insights from industry.

DESCRIPTION OF THE EVENT:

The IEEE GPREC Student Branch Chapter under the Communications Society (ComSoc) organised a webinar on RF Fundamentals: Communication Systems,

Signals & Noise. The session was conducted by Greg Bonaguide, Application Engineer from Rohde & Schwarz, USA. The speaker explained key concepts of RF communication with practical industrial examples, covering signals, systems, and noise analysis, and addressed participants' queries effectively.

OUTCOME:

Participants gained valuable knowledge of RF fundamentals and their practical applications in communication systems. The webinar improved their conceptual clarity, encouraged interest in RF communication domains, and provided exposure to industry-standard practices and analysis techniques.

PHOTOS:

IEEE Computer Society Students Chapter (SBC15721C)

&

IEEE Computational Intelligent Society Students Chapter (SBC15721H)

1. IEEE-CS organized an event **'INQUBITZ'** on **5thth July, 2025** from **11:50 AM to 12:40 PM** at CS-4- Classroom.

2. IEEE- CS organized an event '**BRAINPING'** on **11th July, 2025** from **9:50 AM to 10:40 AM** at A-11.

Event Name: INQUBITZ	
Name of the cell and Forum/society: CAA	
Date: 5th July, 2025	**Event Type:** Tech-tainment
Venue: CS - 4	**Number of Participants:** 32
Objective: To blend fun and technical learning through interactive games, encouraging active participation and collaborative learning among students	
Description: The Inqubitz was an interactive classroom event designed to make technical learning engaging and enjoyable. The event encouraged active participation , teamwork, and creative thinking among students. With a blend of fun and intellect, it created an energetic environment that broke routine classroom setup. Students enthusiastically took part, making the event both educational and entertaining	
Outcome: The event successfully fostered interaction, collaboration, and enthusiasm among students. It boosted their confidence, encouraged peer learning.	
Photos	
	

Event Name: BRAINPING	
Name of the cell and Forum/society: CAA	
Date: 11th July, 2025	**Event Type:** Tech-tainment
Venue: A - 11	**Number of Participants:** 32
Objective: To combine fun and technical learning through interactive games, debates, and quizzes, fostering active participation and promoting collaborative learning among students.	
Description: The BrainPing event was a fun and interactive event that made learning technical topics more exciting. It included games, quizzes, and debates that encouraged students to think creatively, speak confidently, and work as a team. The event broke the usual classroom routine and created a lively learning environment. Students enjoyed taking part and learned while having fun.	
Outcome: The event boosted students confidence, teamwork, and interest in technical learning through fun and active participation.	
Photos	


Kurnool, Andhra Pradesh, India
Q3f4+87g, Kurnool, Andhra Pradesh 518007, India
Lat 15.772657° Long 78.055935°
11/07/2025 10:21 AM GMT +05:30
Google


Kurnool, Andhra Pradesh, India
Q3f4+87g, Kurnool, Andhra Pradesh 518007, India
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G.PULLA REDDY ENGINEERING COLLEGE (Autonomous): KURNOOL
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
IE(I) Student chapter ECE
July month report

- The GPREC IE(I) Student Chapter of ECE department conducted a **"Technical Seminar on VLSI Chip Design"** on **01.07.2025** at ECE Block 1. A total of **60 students** participated. The seminar introduced fundamentals of VLSI chip design, applications across sectors, and future trends. Students gained knowledge on VLSI functioning, applications, and job roles.

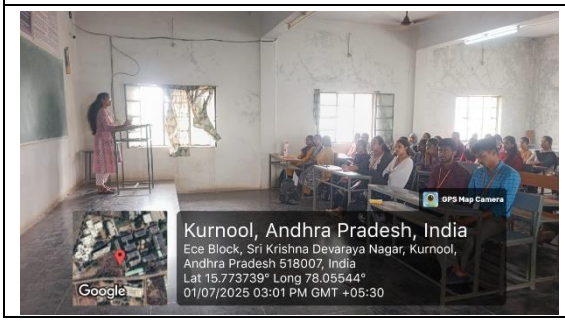
- The GPREC IE(I) Student Chapter of ECE department conducted a **technical webinar on "Digital Design & Test: High-Speed Digital Test Fundamentals"** on **08.07.2025** at Seminar Gallery 2. A total of **198 students** participated. The session introduced high-speed digital testing, jitter, skew, timing analysis, and industry standards. Students gained awareness of modern test strategies and career readiness in VLSI and hardware testing.

- The GPREC IE(I) Student Chapter of ECE department conducted a quiz event **"Mind Spark"** on **15.07.2025** at ECE Block 2. A total of **60 students** participated. The event included myth busters, tech crunch, logo guessing, and country of origin. It encouraged analytical thinking, quick decision-making, and boosted confidence.

- The GPREC IE(I) Student Chapter of ECE department conducted a **technical quiz "Think Mesh"** on **15.07.2025** at ECE Block 2. A total of **66 students** participated. The IoT-focused quiz encouraged active learning, doubt clarification, and curiosity in modern connected technologies. Students developed confidence and critical thinking in IoT concepts.

- The GPREC IE(I) Student Chapter of ECE department organized a **guest lecture on Signal Processing** on **22.07.2025** at Seminar Gallery-1. A total of **180 students** participated. The lecture covered time and frequency domain analysis, filtering, and real-world applications. Students gained clarity on signals, systems, and filtering techniques.

- The GPREC IE(I) Student Chapter of ECE department conducted an event **"Mind Fusion"** on **29.07.2025** at Seminar Gallery 2. A total of **198 students** participated. The event blended quizzes and riddles to make electronics learning fun and interactive. Students improved problem-solving, teamwork, and confidence in fundamental electronics.

Event Name: Technical Seminar on VLSI Chip Design	
Name of the cell (EAA/NSS/VSC/CAA)	**IE(I) Student Chapter ECE**
Date: 01.07.2025	**Event Type: Technical Seminar**
Venue: ECE Block 1, GPREC	**Number of Participants: 60**
Objective: The seminar aims to introduce the VLSI chip design and its parts, how they are made , explanation on functioning of each part, what are the various applications of VLSI, and the role of VLSI across various sectors**.**	
Highlights: Functioning of VLSI chip, and future trends in VLSI.	
Outcome: students will gain a fundamental knowledge on VLSI chip design, on parts of VLSI, on applications of VLSI, on how it functions, on efficient usage of VLSI in various sectors ,on various job roles in emerging technology VLSI.	
Photos	
	
	

<table>
<tr><td colspan="2">Event Name: A technical webinar session on "Digital Design & Test: High-Speed Digital Test Fundamentals”</td></tr>
<tr><td>Name of the cell (EAA/NSS/VSC/CAA)</td><td>IE(I) Student Chapter ECE</td></tr>
<tr><td>Date: 08.07.2025</td><td>Event Type: Technical Webinar</td></tr>
<tr><td>Venue: Seminar Galary 2, GPREC</td><td>Number of Participants: 198</td></tr>
<tr><td colspan="2">Objectives: The webinar aims to introduce students to the fundamental principles and techniques of high-speed digital testing and to provide insights into the challenges faced in testing modern digital circuits and systems.</td></tr>
<tr><td colspan="2">Highlights: Introduction to test strategies used in high-frequency digital systems.Discussion on jitter, skew, timing analysis, and eye diagrams. Exploration of automatic test equipment (ATE) and industry standards.</td></tr>
<tr><td colspan="2">Outcome: Awareness of the tools and equipment used in high-speed digital testing. Enhanced readiness for careers in VLSI design, digital verification, and hardware testing.</td></tr>
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Event Name: Mind Spark	
Name of the cell (EAA/NSS/VSC/CAA)	**IE(I) Student Chapter ECE**
Date: 15-07-2025	**Event Type: Technical and Non-Technical Quiz**
Venue: ECE Block 2, GPREC	**Number of Participants: 60**
Objective: To encourage students to revise, research, and stay updated with academic and industry trends. And also to improve analytical thinking and quick decision making under time constraints.	
Highlights: Myth busters, Tech Crunch, Logo Guessing and Country of Origin.	
Outcome: Encourages students to study independently, explores topics beyond textbooks and take intiative. Develops a competitive spirit in a positive and fun way. And boosts confidence.	
Photos	

Event Name: ThinkMesh	
Name of the cell (EAA/NSS/VSC/CAA)	**IE(I) Student Chapter ECE**
Date:15.07.2025	**Event Type: Technical Quiz.**
Venue: ECE BLOCK 2, GPREC	**Number of Participants: 66**
Objective: The IoT quiz aims to build interest and understanding of Internet of Things concepts among students. It encourages active participation and motivates them to raise doubts, ask questions, and engage in discussions. The goal is to inspire curiosity and support deeper learning in modern, connected technologies.	
Highlights: An interactive, concept-based IoT quiz that encourages doubt-clearing, boosts engagement, and enhances tech knowledge in a student-friendly way .	
Outcome: Students will understand IoT basics better, think more critically, and feel confident to ask questions. The quiz encourages curiosity and builds a strong foundation for learning smart and connected technologies.	
Photos	
	
	

Event Name: Guest Lecture	
Name of the cell (EAA/NSS/VSC/CAA)	**IE(I) Student Chapter ECE**
Date: 22-07-2025	**Event Type: Online Lecture on Signal Processing**
Venue: Seminar Gallery-1, GPREC	**Number of Participants: 180**
Objective: To introduce students or attendees to the fundamental concepts, techniques, and applications of signal processing.	
Highlights: Time and Frequency domain analysis, Filtering, Sampling, and the behavior of linear time-invariant systems.	
Outcome: Define and classify signals and systems, recognize real-world applications of Signal Processing, Identify and describe filtering techniques.	

Photos

Event Name: MIND FUSION	
Name of the cell (EAA/NSS/VSC/CAA)	**IE(I) Student Chapter ECE**
Date: 29.07.2025	**Event Type: Technical Event**
Venue: Seminar Galary 2, GPREC	**Number of Participants: 198**
Objective: To enhance students' understanding of fundamental electronics concepts through an engaging quiz and riddle-based event that promotes critical thinking, quick recall, and interactive learning in a fun and competitive environment.	
Highlights: Electronics quiz thrill, Brain-teasing riddles challenge, Basics made fun, Fastest finger wins, Team and solo battles, Cool rewards await.	
Outcome: Participants will gain a stronger understanding of basic electronics concepts, improve their problem-solving and critical thinking skills, and develop confidence through interactive learning and teamwork.	
Photos	
	
	

G. PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS); KURNOOL

List of Student Activities conducted in the month of August- 2025

Civil Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of Civil Engineering Department conducted an **Awareness program on Nasha Mukt Bharat**on 13-08-2025**,** 11:00 AM to 12:40 PM bySri Sujan Kumar, E.A.G.L.E Club In-charge, Sri Sridhar, Circle Inspector, and Smt. Fathima, Regional In-charge for Disabilities and E.A.G.L.E of Kurnool City in co-ordination with with Dr. T. Sowjanya, IE(I) students chapter advisor and Sri. M Hemanth Kumar of CED in Seminar Gallery - 1. A total No. of students about 179 participated and about 4 faculty are also present in the program.

Event Name: Nasha Mukt Bharat	
Name of the cell and Forum/society: CAA	
Date: 13th August, 2025	**Event Type:** Awareness program on Drugs-free society
Venue: Seminar Gallery-I	**Number of Participants:** 179

Objective:

Nasha Mukt Bharat Abhiyan is an awareness program conducted for the students to build a drug-free society, to empower youth with knowledge, resilience, positive lifestyle and to create a supportive ecosystem for de-addiction and rehabilitation.

Description:

The Nasha Mukt program was organized by the IE(I) students' chapter of CED in co-ordination with Dr. T. Sowjanya, IE(I) students chapter advisor and Sri. M Hemanth Kumar of CED. The program was conducted by the E.A.G.L.E (Empowering Actions for Generating a Life free from Exploitation) team of Kurnool City. The participants included VII semester students of Civil Engineering Department. The program was addressed by Sri Sujan Kumar, E.A.G.L.E Club In-charge, Sri Sridhar, Circle Inspector, and Smt. Fathima, Regional In-charge for Disabilities and E.A.G.L.E. The event concluded with a pledge led by Dr.K. Devaki Devi, Dean student affairs, along with the students for the drug-free society.

Outcome:

The Nasha Mukt program created a thought-provoking influence on the students' minds. Students gained a clear understanding of the harmful effects of drugs, alcohol, and other addictive substances. Students also learned how to identify individuals affected by substance abuse and gained knowledge about the role of rehabilitation centers in supporting a drug-free life through counselling and medication.

Photos


E.A.G.L.E
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L.G.L.E


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Electrical & Electronics Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Connection Chain in Engineering advancement by II B.Tech EEE students Mr.M.Chandra Kanth, Ms.K.Pallavi, and Ms D Kousar Banu, during 26-07-2025 and total of 38 students attended this Program.
2. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted C Mastery Challenge by II B.Tech EEE students Ms.Meghana Ms.M.Sajeeda Bee and Ms D Ganga are conducted during 02-08-2025 and total of 51 students attended this Program.
3. The GPREC IE(I)of Electrical and Electronics Engineering Department conducted From Ideas to Impact The Role of Execution by II B.Tech EEE students Ms.Meghana Ms.M.Sajeeda Bee. During 11-07-2025 and total of 35 students attended this program.
4. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Augmented Reality-Based Learning in Electrical Engineering by Resource person Dr.C.Harinath Reddy garu Associate Professor EEE Dept,GPREC, during 14-08-2025**and** total of 28 students attended this Program.

Event Name: Connection Chain	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:26-07-2025	**Event Type:** Skill development
Venue: EEE Class room-EEE block2	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 38**
Objective: To enhance teamwork, communication, and problem-solving skills among engineering students by engaging them in a collaborative "connection chain" activity, where each participant contributes sequentially to develop an interconnected solution, idea, or design.	
Description: II B.Tech EEE students Mr.M.Chandra Kanth, Ms.K.Pallavi, and Ms D Kousar Banu are conducted Connection Chain event. The *Connection Chain* is an interactive activity where engineering students work in a sequence, each adding their own idea, component, or step to a shared project or solution. This chain-like approach encourages logical thinking, creativity, and collaboration, as every contribution must connect meaningfully to the previous one, simulating real-world engineering teamwork.	
Outcome: Students will develop stronger teamwork, communication, and creative problem-solving abilities, gaining experience in integrating individual contributions into a cohesive engineering solution.	
Photos	


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Event Name: C Mastery Challenge	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:02-08-2025	**Event Type:** Skill development
Venue: EEE Class room-EEE block2	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 51**
Objective: To enhance engineering students' proficiency in the C programming language by challenging them with problem-solving tasks that strengthen their understanding of core concepts, improve algorithmic thinking, and foster the ability to develop optimized, reliable, and real-world applicable programs. The challenge aims to build a strong foundation for advanced programming, embedded systems, and technical project development.	
Description: II B.Tech EEE students Ms.Meghana Ms.M.Sajeeda Bee and Ms D Ganga are conducted C Mastery Challenge event. The C Mastery Challenge is a skill-enhancement program designed for engineering students to sharpen their coding abilities in the C programming language. Through a series of progressively complex problems, students will explore fundamental to advanced concepts, including data types, control structures, functions, arrays, pointers, file handling, and algorithm design. The challenge not only tests programming skills but also promotes logical thinking, debugging proficiency, and the ability to apply C in real-world engineering applications such as embedded systems, microcontrollers, and system-level programming.	
Outcome: Participants will gain hands-on experience in solving real-world problems using C, develop strong logic-building and debugging skills, and be able to write efficient, structured, and error-free code. They will be better prepared for academic projects, technical interviews, and industry applications involving embedded systems and software development.	
Photos	

Event Name: From Ideas to Impact The Role of Execution	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:11-08-2025	**Event Type:** Personality development
Venue: EEE Class room-EEE block2	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 35**

Objective: To explore and emphasize the critical role of effective execution in transforming innovative ideas into tangible, impactful outcomes, by analyzing the processes, challenges, and strategies that bridge the gap between concept and real-world success.

Description: II B.Tech EEE students Ms.Meghana Ms.M.Sajeeda Bee are conducted From Ideas to Impact The Role of Execution debate event. The debate centers around how crucial execution is in turning innovative ideas into real-world impact. On one side, the argument is that great ideas alone are not enough; without strong execution—planning, resource management, and effective implementation—ideas remain just concepts and never create value. Execution bridges the gap between creativity and practical success, ensuring ideas are developed, refined, and delivered on time. On the other side, some may argue that ideas are the true foundation of innovation and that without original thinking and creativity, execution efforts are pointless. They might claim that focusing too much on execution can stifle creativity or lead to rigid processes that limit innovation. This debate explores the balance between visionary thinking and disciplined action, highlighting that while ideas spark innovation, execution drives it forward to make a tangible impact.

Outcome: The debate concluded that both ideas and execution are essential for successful innovation. While creative ideas spark new possibilities, execution transforms these ideas into tangible results. Effective execution—through planning, resource management, and adaptability—ensures ideas reach their full potential and create real impact. However, execution must be flexible enough to accommodate creativity and innovation. Ultimately, a balanced approach that values both visionary thinking and disciplined action leads to the greatest success in turning ideas into meaningful outcomes.

Photos

vent Name: Augmented Reality-Based Learning in Electrical Engineering	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:14-08-2025	**Event Type:** Skill development
Venue: EEE Class room-EEE block2	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 28**
Objective To develop and evaluate an Augmented Reality (AR) based learning platform that enhances the understanding of complex electrical engineering concepts by providing interactive, 3D visualizations and real-time simulations, thereby improving student engagement, conceptual clarity, and practical skills.	
Description: Resource Person Dr. C. Harinath Reddy Associate Professor, EEE dept,GPREC described Augmented Reality (AR) enhances electrical engineering education by overlaying digital information onto the physical world. It allows students to visualize complex concepts like electric fields, circuit behavior, and power systems in 3D. AR provides interactive simulations where learners can build and test circuits virtually, improving hands-on experience without needing physical components. This technology makes abstract ideas more tangible and easier to understand. It increases student engagement by making learning immersive and interactive. AR-based learning supports remote education by offering virtual labs accessible anywhere. It helps reduce costs associated with traditional labs and equipment. By integrating real-time data from sensors, AR connects theory with practical applications. Studies show AR improves knowledge retention and conceptual clarity in engineering students. Overall, AR is transforming how electrical engineering concepts are taught and learned.	
Outcome: Students will gain a clearer understanding of electrical engineering concepts through interactive 3D AR visualizations, leading to improved engagement, better knowledge retention, and enhanced practical skills. The AR platform enables safe, cost-effective virtual experimentation and supports remote learning, ultimately boosting academic performance and accessibility..	
Photos	
	

Mechanical Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of Mechanical Engineering Department and EAGLE Cell conducted an Awareness program on "Adverse effects of Drug-consumption and Transportation" byM Sreedhar, CI, Kurnool UrbanOn13th August2025. A total of 62 students attended.
2. The GPREC IE(I) Student Chapter of Mechanical Engineering Department conducted A Five-Day Training Program on "CNC Machining Techniques" by Akhil RamiReddy, CEMS, Bangalore, on 15th to 19th August 2025. Total of 11 members participated (8 faculty members and 3 technicians)

Event Name: Awareness program on "Adverse effects of Drug-consumption and Transportation"	
Name of the cell and Forum/society (CAA)	**IE(I) ME Department**
Date:13th August 2025 **(11:50 – 1:10 PM)**	**Event Type:Awareness**
Venue:SG-1	**Number of Participants:62**
Objective: To create awareness among students about the harmful effects of drug consumption on physical and mental health. To educate participants on the legal, social, and ethical issues associated with drug abuse and its relation to transportation.	
Description: The Department organized an **Awareness Program on "Adverse Effects of Drug-Consumption and Transportation"** aimed at sensitizing students to the dangers of drug abuse. The session covered the following aspects: • Detailed explanation of the **physical and psychological impacts** of drug consumption. • Discussion on how drug influence impairs **judgment, reaction time, and driving ability**, leading to accidents and fatalities in transportation. • Information on **laws and legal consequences** related to drug possession, abuse, and driving under the influence.	
Outcome: Participants understood the **direct link between drug abuse and transportation hazards**, especially road accidents. Students became more informed about **legal implications** of drug possession and impaired driving.The program instilled a sense of **social responsibility** and encouraged students to spread awareness in their community.	

Photos


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Event Name: Awareness program on “Adverse effects of Drug-consumption and Transportation”	
Name of the cell and Forum/society (CAA)	**IE(I) ME Department**
Date:13th August 2025 **(11:50 – 1:10 PM)**	**Event Type:Awareness**
Venue: SG-1	**Number of Participants: 62**
Objective: To provide hands-on training on the operation, programming, and maintenance of CNC machines To update participants with modern machining practices and industry standards for effective teaching and laboratory management.	
Description: The Department organized a **Five-Day Training Program on “CNC Machining Techniques”** exclusively for **faculty members and technicians**. The program aimed to bridge the gap between academic knowledge and industrial practices in the area of CNC machining.The training was conducted with a mix of lectures, demonstrations, and practice sessions to ensure both conceptual clarity and technical competence.	
Outcome: Faculty and technicians gained **in-depth knowledge** of CNC machining principles and operations. Participants developed **hands-on skills** in programming and operating CNC machines. Enhanced confidence in handling CNC lab sessions and guiding students in practical applications.	
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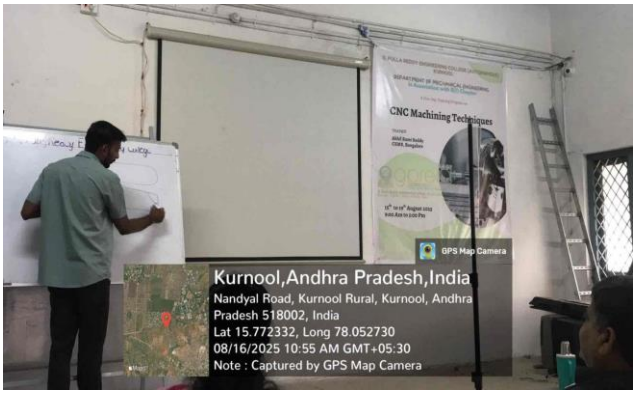	

Electronics & Communication Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of ECE department conducted an event **"Knowledge Quest"** on **05.08.2025** at Seminar Gallery-1. A total of **150 students** participated. The event introduced AI tools and Electronic Components, covering project-based learning, computer vision, and ethics. Students gained technical knowledge, practical skills, and confidence in emerging technologies.
2. The GPREC IE(I) Student Chapter of ECE department conducted a debate event **"Clash of Minds"** on **12.08.2025** at ECE Block 3. A total of **60 students** participated. The event emphasized depth of research, clarity in explanation, logical reasoning, and balanced perspectives. Students improved their argument presentation, communication, and critical thinking skills.
3. The GPREC IE(I) Student Chapter of ECE department conducted a technical event **"Mystery Minds"** on **12.08.2025** at ECE Block 2. A total of **66 students** participated. The riddle-based event promoted creativity, quick thinking, and teamwork. Participants enhanced their problem-solving and collaboration skills while enjoying a fun and intellectually stimulating session.

Event Name: Knowledge Quest	
Name of the cell (EAA/NSS/VSC/CAA)	IE(I) Student Chapter ECE
Date: 05-08-2025	**Event Type:** AI tools
Venue: Seminar Gallery-1, GPREC	**Number of Participants:** 150
Objective: To introduce students or attendees to the fundamental concepts, techniques, and applications of AI tools and Electronic Components.	
Highlights: Foundation of all electronics, Project based learning, AI enhanced projects, Computer Vision, Ethics and bias awareness.	
Outcome: Students will gain about Technical Knowledge, Practical skills, Carrier and Academic Advancements and Confidence with emerging Technologies.	
Photos	
	

Event Name: Clash of Minds	
Name of the cell (EAA/NSS/VSC/CAA)	IE(I) Student Chapter ECE
Date: 12-08-2025	**Event Type:** Debate
Venue: ECE Block 3, GPREC	**Number of Participants:** 60
Objective: To introduce students to persuade an audience or judge that your side of a particular issue or proposition is more valid or compelling than the opposing side.	
Highlights: The students will know the value of Depth of Research, Clarity in Explanation, Balanced Perspective, Use of Logic and Structure, Relevance and Timeliness, etc..	
Outcome: Students will gain to Present a Clear Argument, Communicate Effectively, Maintain Respect and Structure, Refute the Opposition, etc..	
Photos	

Event Name: MYSTERY MINDS	
Name of the cell (EAA/NSS/VSC/CAA)	IE(I) Student Chapter ECE
Date: 12.08.2025	**Event Type:** Technical Event .
Venue: ECE BLOCK 2, GPREC	**Number of Participants: 66**
Objective: To engage participants in a fun-filled challenge that blends creativity, quick thinking, and teamwork. The riddle event aims to spark curiosity, encourage problem-solving, and create memorable moments through laughter and clever clues."	
Highlights: The riddle event blended fun with intellectual challenge, engaging participants in quick thinking, problem-solving, and teamwork. Clever clues and friendly competition made the session both enjoyable and mentally stimulating.	
Outcome: Participants enhanced their creative thinking, problem-solving, and teamwork skills while enjoying a lively and engaging experience. The event fostered a collaborative spirit and left everyone motivated for future challenges.	
Photos	

Computer Science & Engineering Department
IE(I) Students Chapter

- IEI Student Branch, Department of CSE, organizedBattle of Byteson 28-**07-2025**from 2.30 pm to 3.20 pm. Number of students who participated in the event was 60.

- IEI Student Branch, Department of CSE, organizedTech Thinkon 2**9-07-2025**from 2.30 pm to 3.20 pm. Number of students who participated in the event was 50.

- IEI Student Branch, Department of CSE, organized **Tech Tideo**n **4-08-2025**from 2.30 pm to 3.20 pm. Number of students who participated in the event was **60**.

- IEI Student Branch, Department of CSE, organized Gain ITon 5-**08-2025**from 2.30 pm to 3.20 pm. Number of students who participated in the event was 50.

<table>
<tr><td colspan="2">Event Name: Battle of Bytes</td></tr>
<tr><td>Name of the cell :CAA</td><td></td></tr>
<tr><td>Date:28-07-2025</td><td>Event Type: Technical Type</td></tr>
<tr><td>Venue:CS-2</td><td>Number of Participants: 60</td></tr>
<tr><td colspan="2">Objective:

The objective of this event is to enhance participants problem-solving abilities and logical thinking skills through aptitude and sequence-based questions.</td></tr>
<tr><td colspan="2">Highlights:
This event offers an exciting blend of technical and general knowledge questions challenges, helping participants sharpen their society development skills.</td></tr>
<tr><td colspan="2">Outcome:Participants will develop strong problem-solving and analytical thinking skills through aptitude and sequence-based challenges. The event will enhance their past knowledge abilities, helping them tackle placement exams and competitive tests with confidence.</td></tr>
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Event Name: TechThink	
Name of the cell :CAA	
Date:29-07-2025	**Event Type: Technical Type**
Venue:CS-E class	**Number of Participants: 50**

Objective:

The objective of the TechThink quiz event was to promote and reinforce technical knowledge among students through a quiz-based activity that encourages active learning. It aimed to assess the students' understanding of core subjects like C Programming, Data Structures, and Java Fundamentals, while also enhancing their familiarity with commonly used technical abbreviations in the software industry**.**

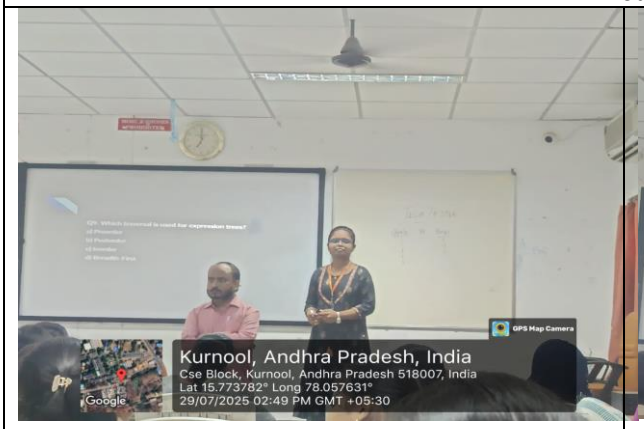
Highlights:

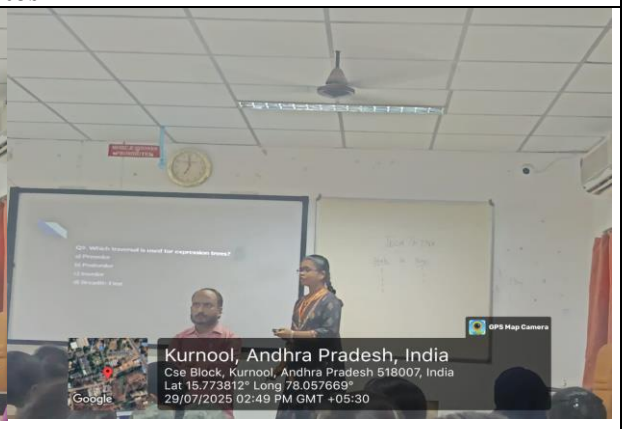
The quiz was divided into two rounds: the first round focused on technical questions from subjects like C, Data Structures, and Java, while the second round featured non-technical questions based on widely-used technological abbreviations.

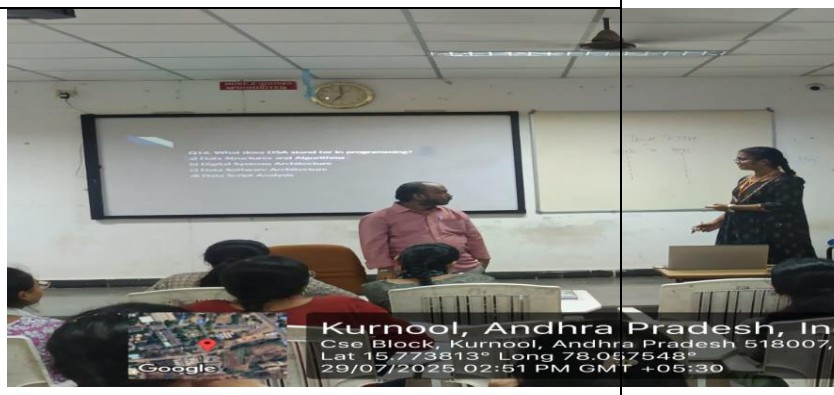
Outcome:

The TechThink quiz event successfully achieved its educational and engagement goals. Students actively participated and demonstrated a solid grasp of technical concepts, reinforcing their classroom learning in a fun and effective way.

Photos







Event Name: TechTide	
Name of the cell :CAA	
Date:4-08-2025	**Event Type: Technical Type**
Venue:CS-3 class	**Number of Participants: 60**

Objective:

The objective of this event is to enhance participants problem-solving abilities and logical thinking skills through aptitude and sequence-based questions.

Highlights:

This event offers an exciting blend of technical and general knowledge questions challenges, helping participants sharpen their society development skills. Engaging activities like pattern recognition, and brain teasers add a fun twist to learning.

Outcome:

Participants will develop strong problem-solving and analytical thinking skills through aptitude and sequence-based challenges. The event will enhance their past knowledge abilities, helping them tackle placement exams and competitive tests with confidence.

Photos

Event Name: Gain IT	
Name of the cell :CAA	
Date:5-08-2025	**Event Type: Technical Type**
Venue:CS-E class	**Number of Participants: 50**

Objective:

The objective of this event was to raise awareness about digital privacy and data security. It aimed to educate students about the concept of end-to-end encryption, how it functions in popular messaging platforms like WhatsApp, and why it is crucial for protecting user data from unauthorized access.

Highlights:

A dynamic Q&A session followed, where participants actively asked questions, shared thoughts, and explored the broader implications of cybersecurity in everyday life.

Outcome:

Participants gained a clear understanding of how encryption secures digital communication. They became more aware of privacy concerns in daily app usage and learned foundational concepts in cryptography. The session encouraged further interest in cybersecurity and responsible digital practices.

Photos

Department of Emerging Technologies in Computer Science (ECS)

1. IEI Student Branch, Department of ECS, organized a Webinar event on “Devops” Webinar on Devops by K.Ajay, CSG, Software Development Engineer 02-08-2025

from 11:00AM to 12:40PM in III sem ECS classrooms.Number of students who participated in the event was 210.

2. IEI Student Branch, Department of ECS, organized the “TECH SWORD” event on 07-08-2025 from 2.30PM to 3.20PM .Number of students who participated in the event was 40.
3. IEI Student Branch, Department of ECS, organized the “Rapid Rhetoric ” event on 14-08-2025 from 2.30PM to 3.20PM .Number of students who participated in the event was 45.

<table>
<tr><td colspan="2">Event Name: TECH SWORD-A technical debate</td></tr>
<tr><td>Name of the cell and Forum/society</td><td>CAA – IEI</td></tr>
<tr><td>Date:07 AUGUST 2025(2:30PM – 3:20 PM)</td><td>Event Type: Technical</td></tr>
<tr><td>Venue: ECS- Class Rooms</td><td>Number of Participants:100</td></tr>
<tr><td colspan="2">Objective:

The main objective of this event is to improve critical thinking and analytical skills through analyzing complex technical issues, enhancing communication and public speaking abilities.</td></tr>
<tr><td colspan="2">Description:

As a part of IE(I) activity, GPREC IE(I)student’s chapter of ECS department organized

an event called “TECH SWORD” on industry relevant topics specified in the flyer. Four topics are given to the participant teams with 3 to 4 members. The competition was so interesting with the exchange of student’s perspective by equally stating the merits and demerits of the topic specified.Teams who conclude are said to be winners.</td></tr>
<tr><td>Outcome:</td><td>Participants actively participated.</td></tr>
<tr><td colspan="2">Photos</td></tr>
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<table>
<tr><td colspan="2">Event Name: Rapid Rhetoric-A technical dumshalarts</td></tr>
<tr><td>Name of the cell and Forum/society</td><td>CAA – IEI</td></tr>
<tr><td>Date:14 AUGUST 2025(2:30PM – 3:20 PM)</td><td>Event Type: Technical</td></tr>
<tr><td>Venue: ECS- Class Rooms</td><td>Number of Participants:45</td></tr>
<tr><td colspan="2">Objective:

The main objective of this event is to improve communication and public speaking abilities.</td></tr>
<tr><td colspan="2">Description:

As a part of IE(I) activity, GPREC IE(I) student’s chapter of ECS department organized an event called “Rapid Rhetoric” on industry relevant topics. It is an examination of a text, speech, or other piece of communication to determine how the participant uses rhetorical strategies to influence their audience in explaining the technical topic word or hint given to him.</td></tr>
<tr><td>Outcome:</td><td>Participants actively participated.</td></tr>
<tr><td colspan="2">Photos</td></tr>
<tr><td> 
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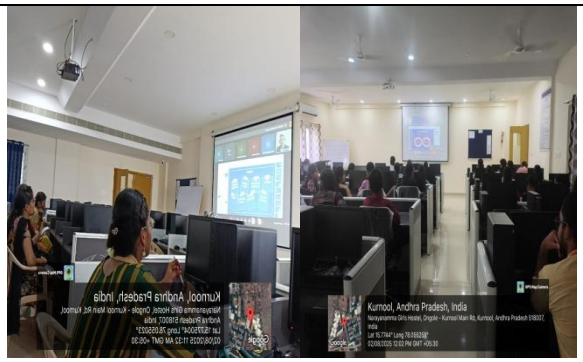
<tr><td colspan="2">Event Name: Guest Lecture on “Devops”.</td></tr>
<tr><td>Name of the cell and Forum/society</td><td>CAA – IEI</td></tr>
<tr><td>Date:02nd August 2025 (11:00AM – 12:30 PM)</td><td>Event Type: Technical</td></tr>
<tr><td>Venue: III sem CSM-A-Class Room,CSM-B-ECS Lab-2,CSD-A ECS LAB-6,CSD-B ECS LAB-5</td><td>Number of Participants:210</td></tr>
<tr><td colspan="2">Objective:
The main objective of this session is to create awareness on Devops and to give career guidance in devops.</td></tr>
<tr><td colspan="2">Description:</td></tr>
</table>

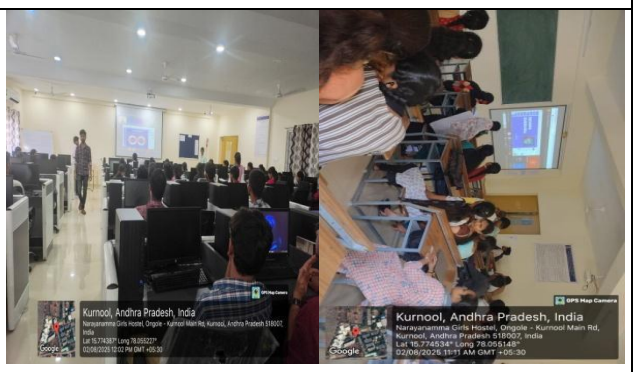
As a part of the student skill development program, the department of ECS organized a Guest Lecture event in association with IEI Students Chapter called **"**Devops**", by Mr. K.Ajay Kumar, CSG, Software development Engineer (Bangalore) and Alumni,** for the benefit of students. A Guest lecture was planned with the Industry expert in the domain to share the on field insights from relevant experiences. This event was conducted in the respective labs and classrooms of III sem CSM & CSD of ECS dept. where students were got an opportunity to interact with the guest faculty and gain informative inputs to understand the importance of Devops in the industry and relevant tools to learn for their placements and career growth.

Outcome:

Students actively participated in the event and the session is interactive.

Photos





ISTE Students Chapter

1. An event “Road Safety audits and assessments” was conducted for the students of IIyear, III year and IV year B. Tech students of all branches on 24.07.2025 from 3.30 PM to 4.30 PM. The total number of students participated is 40.

2. An event “Career Craft – Resume & Mastery” was conducted for the students of II year, III year and IV year B. Tech students of all branches on 31.07.2025 from 3.30 PM to 4.30 PM. The total number of students participated is 76.

3. An event “Tech Tambola” was conducted for the students of II year, III year and IV year B. Tech students of all branches on 06.08.2025 from 3.30 PM to 4.30 PM. The total number of students participated is 56.

<table>
<tr><td colspan="2">Event Name : Road safety audits and assessments</td></tr>
<tr><td>Name of the cell and Forum/society (EAA/NSS/VSC/CAA)</td><td>CAA</td></tr>
<tr><td>Date:24-07-2025</td><td>Event Type : ISTE STUDENTS CHAPTER: 2025-26</td></tr>
<tr><td>Venue: CE BLOCK-1

FIRST FLOOR-CE-2</td><td>Number of Participants: 40</td></tr>
<tr><td colspan="2">Objective:

Identify potential safety hazards, Improve road design and infrastructure, Reduce crashes and casualties, Evaluate safety performance, Prioritize safety improvements, Inform road safety policy and strategy, Enhance road user safety, Improve road safety culture, Optimize road safety investments.</td></tr>
<tr><td colspan="2">Highlights:

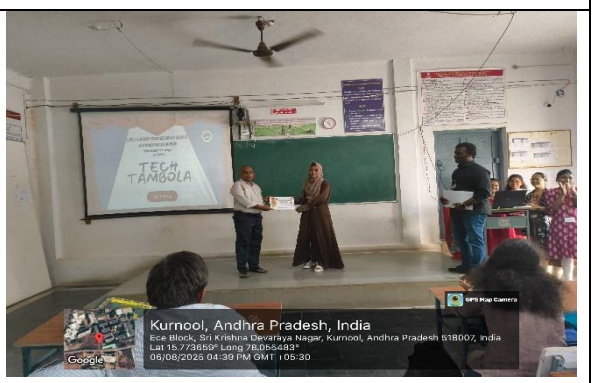
These processes help prioritize safety improvements based on risk assessment and data analysis. The ultimate goal of road safety audits and assessments is to protect the safety of all road users. Road safety audits and assessments should involve multi-disciplinary teams with expertise in road safety, engineering, and other relevant fields. Road safety audits and assessments should be conducted regularly, and findings and recommendations should be reviewed and updated as necessary.</td></tr>
<tr><td colspan="2">Outcome:

Road safety audits and assessments are crucial for identifying potential safety hazards and improving road safety.</td></tr>
<tr><td colspan="2">Photos</td></tr>
</table>

Event Name:	**CAREER CRAFT - RESUME AND INTERVIEW MASTERY**
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**Indian Society for Technical Education (ISTE) (CAA)**
Date: 31-7-2025	**Event Type: resume and interview mastery**
Venue: G. Pulla Reddy Engineering College Kurnool, Mechanical block-1	**Number of Participants: 76**
Objective: To encourage students of 1st,2nd,3rd B.Tech Students to think creatively, resume making and have fun while learning.	
Highlights: The event included a variety of engaging and interactive resume tasks that challenged students' thinking, encouraged work, and kept their enthusiasm high throughout the session.	
Outcome: Students developed sharper thinking abilities, improved skillwork, and had a great learning experience**.**	
Photos	

Event Name:	**Tech Tambola**
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**Indian Society for Technical Education (ISTE) (CAA)**
Date: 06-08-2025	**Event Type: Technical Event**
Venue: LH-5, ECE BLOCK-1.	**Number of Participants: 56**
Objective: To engage students in a fun, interactive way while enhancing their technical knowledge through a gamified quiz format.	
Highlights: Unique bingo-style gameplay with technology-related clues, active participation from diverse student groups, and an energetic learning atmosphere**.**	
Outcome: Improved student interest in technical concepts, fostered teamwork, and encouraged active learning in a competitive yet enjoyable environment.	
Photos	



CSI Student Branch

List of activities done under IEEE STB 15721

IEEE WIE AG (SBA15721), IEEE PES SBC 15721B, IEEE PELS SBC 15721F, IEEE IAS SBC 15721E, IEEE RAS SBC15721G

1. IEEE PELS SBC of GPREC organized A Five Day Professional Development Program on Introduction to EHV SUB-STATION Elements during 29/07/2025 to 2/08/2025. Number of participants for the event are 110.

2. The GPREC IEEE-WIEAG in association with RAS SBC conducted an event "Mind Spark Challengers" on 01-08-2025. The objective is to enhance critical thinking, creativity and problem solving skills among students. Organized by the IEEE Robotics and Automation Society in collaboration with IEEE Women in engineering, it provided a platform for participation to tackle engineering challenges through innovation and teamwork. The total number of participants for the event is 70(IEEE 20 and Non IEEE 50)

3. The GPREC IEEE WIE AG conducted an Elocution competition with the theme "SHEroles Unleashed". The objective of this event is to highlight the contributions of unsung women freedom fighters of India. It provided students a platform to express their ideas and improve public speaking skills while honoring the sacrifices and courage of women leaders in India's freedom struggle. The total number of participants is 15 (IEEE -5 Non IEEE-10).

4. The GPREC IEEE PES chapter in association with IAS Student Chapter of Electrical and Electronics Engineering Department conducted a Motivational speech on topic "Unlocking the Path: A Roadmap to Success" by Shri D. Vanurappa, Assistant Professor of Electrical and Electronics Engineering Department, GPREC on 14th August 2025 from 3:20 PM to 4:10 PM in EEE Computer Lab-1, GPREC. The total number of students who participated were 28 No's.

<table>
<tr><td colspan="2">Event Name: A Five Day Professional Development Program on Introduction to EHV SUB-STATION Elements by K. VIJAYA BHASKAR REDDY, Dy.Executive Engineer, 220KV Somayajulapally Substation, Kurnool,APTRANSCO and Dr. Banda Guru Raj,Senior Software Controls Engineer,American Axle Manufacturing India Pvt Ltd,Pune Business office & Engineering Centre,Pune.</td></tr>
<tr><td>Name of the cell and Forum/society (EAA/NSS/VSC/CAA)</td><td>CAA – IEEE PELS SBC</td></tr>
<tr><td>Date: 29/07/2025 to 2/08/2025</td><td>Event Type: Technical</td></tr>
<tr><td>Venue: EEE e - Class Room

Time: 10:00 – 12:00PM</td><td>Number of Participants: 112</td></tr>
</table>

Objective: Students will be able to understand the role and architecture of EHV substations in power transmission. Familiarize with key components, layouts, and protection systems. Learn regulatory standards and safety protocols. Gain exposure to project planning, execution, and commissioning processes.

Description:

Day 1: Fundamentals of EHV Substations

- Types of substations (AIS, GIS, Hybrid)
- Voltage levels and transmission concepts
- Station layout and bus-bar configurations

Day 2: Equipment Overview

- Transformers, circuit breakers, isolators, CTs, PTs
- Surge arresters, earthing systems, and control panels
- Substation automation systems

Day 3: Design and Planning

- SLD (Single Line Diagram) development
- Bus-bar schemes (Double Main, One-and-a-Half Breaker)
- Cable trench and layout planning

Day 4: Protection and Safety Systems

- Relay coordination and protection philosophies
- Fire detection and suppression systems
- Safety standards (CEA, IEEE, IS codes)

Day 5: Project Execution and Commissioning

- Material procurement and site preparation
- Testing and commissioning protocols
- Surveillance, security, and maintenance strategies

Outcome:

Students will leave with a solid foundation in EHV substation elements, ready to contribute to design, execution, and operational excellence in high-voltage infrastructure projects.

Photos

Event Name: M i n d S p a r k C h a l l e n g e r s

Name of the cell and Forum/society (EAA/NSS/VSC/CAA): IEEE-WIE & RAS

Date: 01/08/2025	**Event Type:** Technical quiz/Problem solving challenge
Venue: ME-Seminar gallery	**Number of Participants:** 70 IEEE: 20 Non- IEEE: 50

Objective: The Mindspark challengers event aimed to enhance critical thinking, creativity and problem solving skills among students. Organized by the IEEE Robotics and Automation Society in
collaboration with IEEE Women in engineering, it provided a platform for participation to tackle engineering challenges through innovation and teamwork.

Highlights: The *MindSpark Challengers* event engaged students in thought-provoking technical challenges that enhanced critical thinking and creativity. Organized by IEEE RAS and IEEE WIE, it promoted teamwork and innovation in a collaborative, interdisciplinary environment.

Outcome: The *MindSpark Challengers* event successfully enhanced participants' analytical thinking, teamwork, and problem-solving abilities. It fostered interdisciplinary collaboration and strengthened awareness of robotics and automation among students. The event also boosted student engagement within IEEE RAS and WIE, encouraging future participation in technical and innovation-driven initiatives.

Photos

Event Name: SHEroles Unleashed	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA): IEEE - WIE	
Date: 13/08/2025	**Event Type:** Elocution Competition
Venue: Silver Jubilee Block – E-Classroom	**Number of Participants:** 15 IEEE: 5 Non- IEEE:10
Objective: The SHEroles Unleashed event aimed to highlight the contributions of unsung women freedom fighters of India. It provided students a platform to express their ideas and improve public speaking skills while honoring the sacrifices and courage of women leaders in India's freedom struggle.	
Highlights: The event encouraged participants to research the life stories of women freedom fighters. Students delivered powerful speeches that not only enhanced their oratory skills but also spread awareness about the overlooked contributions of women in India's independence movement. The competition witnessed enthusiastic participation and insightful perspectives.	
Outcome: The SHEroles Unleashed event successfully enhanced awareness about women's role in history, improved student confidence in public speaking, and inspired participants to value the spirit of freedom and equality. The event also motivated students to actively engage in similar knowledge-sharing activities.	
Photos	

Event Name: Unlocking the Path: A Roadmap to Success	
Name of the cell and Forum/society: CAA – IEEE PES & IAS	
Date: 14th August, 2025	**Event Type:** Technical
Venue: EEE Computer Lab - 1	**Number of Participants:** 28

Objective:

To make the students understand what industry needs and how to prepare and succeed in placements

Description:

Unlocking the Path: A Roadmap to Success session is designed for IV B.Tech students to help them prepare effectively for their final placements by bridging the gap between academic learning and industry requirements. Along with providing insights into the skills and qualities companies expect from fresh graduates, with a focus on both technical expertise and essential soft skills. Emphasis should be placed on problem-solving, communication, and teamwork, while also guiding students on how to present themselves confidently during interviews. Ultimately, it will equip them with the right mindset, preparation techniques, and practical knowledge to achieve successful placements and transition smoothly into their professional careers.

Outcome:

The students got inspired by the session which made them think about their career and choose the right path.

Photos

Information Theory Society Students Chapter (SBC15721D)

&

IEEE Communications Society Students Chapter (SBC15721)

&

IEEE Microwave Theory and Techniques Students Chapter (SBC15721)

&

IEEE Sensors Council (SBC15721H

1. IEEE GPREC MTTSSOC conducted an online webinar on " **FMCW Radar Measurement**" on 31st July 2025. The objective is to teach the fundamental principles of FMCW (Frequency Modulated Continuous Wave) radar, explaining how it measures range and velocity. It will cover the core concept of a linear frequency sweep (chirp) and how the resulting beat frequency is used to calculate distance and speed. Total number of students participated is 120.
2. IEEE GPREC SENSORS COUNCIL organized discussion meet on "**Technoledgica 4.0**" on29th July,2025in SG-2. The number of attendees are 198.
3. IEEE GPREC SENSORS COUNCIL conducted "**CALL FOR VOLUNTEERS"** on 04th August 2025 through online mode. Total number of participants are 40. Among, IEEE Execom members are 08.
4. IEEE GPREC SENSORS COUNCIL, IEEE IT Society conducted One Week Hands-On Short Term Training Program "**Technoledgica 4.0(Phase-1) - UAV Xplore: A Practical Drone Workshop**" by Dr.Eswaramoorthy, IIITDM, Kurnool, Sri.Shiva Prakash, Aeronautical Engineer, Hyderabad and Sri.P.Eshwanth, GPREC, Kurnool during 04th to 09th August,2025. Total number of limited participants is 50 and IEEE execom members are 20.
5. IEEE GPREC SENSORS COUNCIL& IEEE IT Society jointly organized a Guest lecture **"Career Opportunities on Physical AI"** by**(i) Mr. Fakruddin Mohammed Founder of ZAS Academy and Universe Lingo AI Ltd. (ii) Dr. Roohi Banu Alumnus of IIT Chennai and the Surrey Space Centre, University of Surrey(UK)**on 13th August 2025 in Auditorium**.** Total number of participants are 100 and IEEE execom members are 58.
6. 3.IEEE GPREC IT SOCIETY and IEEE SENSORS COUNCIL jointly organized conducted guest lecture **"CareerOpportunitiesonPhysicalAI"**on13thAugust 2025 in Auditorium. Number of students participated are 100.
7. IEEE GPREC COMSOC conducted Technical Session on Database Management Systems (DBMS) on 26th July 2025, Venue : Auditorium-GPREC,Total Number of Students attended 67 from ECE Department. **Resource Person: Dr.B.Thimma Reddy, Associate Professor, Dept. of CSE**

Event Name: FMCW Radar Measurement	
Name of the cell and Forum/society: IEEE MTTSOC	
Date: 31st July, 2025	**Event Type:** Technical
Venue: Seminar Gallery 2	**Number of Participants:** 120

Objective:

The webinar aims to teach the fundamental principles of FMCW (Frequency Modulated Continuous Wave) radar, explaining how it measures range and velocity. It will cover the core concept of a linear frequency sweep (chirp) and how the resulting beat frequency is used to calculate distance and speed

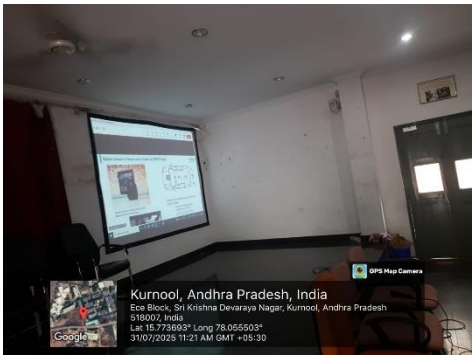
Description:

webinar to learn the fundamentals of **FMCW (Frequency Modulated Continuous Wave) radar**. We'll demystify how this technology measures **range**, **velocity**, and **angle** by analyzing the beat frequency of the signal. The session will cover system components, signal processing techniques like the FFT, and diverse applications in industries

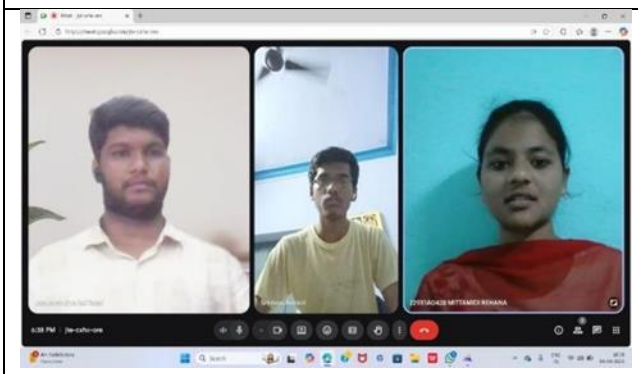
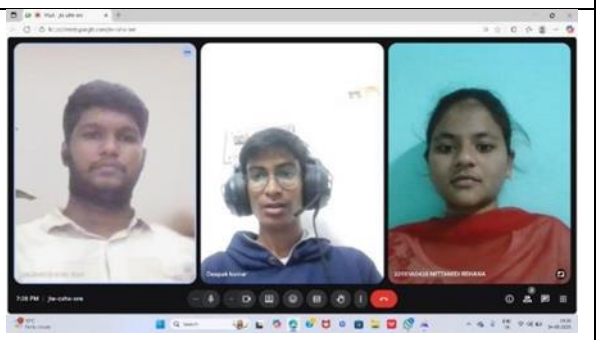
Outcome:

Attendees will gain a strong understanding of FMCW technology's key advantages, such as high accuracy and low power consumption. They'll be able to identify suitable applications in various fields, including automotive safety systems, industrial sensing, and healthcare..

Photos



Event Name: DISCUSSION EVENT	
Name of the cell : CAA- IEEE Sensors Council.	IEEE Student Chapter ECE
Date:29.07.25	**Event Type:** Technical Event
Venue: Seminar Galary 2, GPREC	**Number of Participants: 198**
Objective: To create awareness among students about the opportunities, benefits, and contributions of IEEE, encourage active participation in technical communities, and promote professional development, innovation, and knowledge sharing.	
Highlights: The interactive exchange of ideas on the role of IEEE in fostering innovation, technical knowledge, and professional networking, while motivating students to actively participate in global engineering communities.	
Outcome: Students gained a clear understanding of the purpose and benefits of IEEE, developed awareness about opportunities for research, networking, and professional growth, and were motivated to actively participate in IEEE activities and forums.	
Photos	

Event Name: CALL FOR VOLUNTEERS	
Name of the cell : CAA- IEEE Sensors Council.	IEEE Student Chapter ECE
Date : 04.08.25	**Event Type:** Recruitment for volunteers.
Venue: Online Mode	**Number of Participants: 40**
Objective: To identify and select motivated, committed, and skilled students who are willing to actively contribute to the planning, organizing, and execution of IEEE forum activities and events.	
Highlights: It gives students an equal platform to showcase talent, get recognised, and contribute to IEEE initiatives while developing professional and personal skills.	
Outcome: A committed team of volunteers ready to drive IEEE initiatives, contribute actively to events, and strengthen the forum's presence in the college.	
Photos	
	

Event Name: TECHNOLEDGICA 4.0 Phase 1- UAV Xplore: A Practical Drone Workshop	
In collaboration with: Department of ECE and Department of ECS	**Organized By:** IEEE Sensors Council & IEEE IT Society
Date: 04.08.25 to 09.08.25	**Hosted By:** IEEE GPREC Student Branch.
Venue: UAV Research Lab, ECS Department.	**Number of Participants: 50** Students (8 IEEE Members & 42 Non-IEEE Members), 7 faculty Members.

TECHNOLEDGICA 4.0 – Phase 1 unfolded as a powerful initiative to bridge the gap between theoretical knowledge and real-world application in drone and UAV technologies. Designed as a one-week immersive training program, the event empowered students with future-ready skills through hands-on learning experiences. With the enthusiastic involvement of students, faculty, and expert trainers, the program set a benchmark in practical technical education at GPREC.

The event began with a grand and energetic inauguration on 4th August 2025 at Seminar Gallery- 1, setting the tone for a week of innovation, exploration, and technical brilliance. Esteemed faculty members and dignitaries graced the occasion, inspiring participants to embrace the world of unmanned aerial vehicles with curiosity and commitment. Following the inauguration, sessions continued in the UAV Lab, specially equipped for drone experimentation and development.

The **FIRST DAY** of the program, led by Dr. Eswaramoorthy K.V., Assistant Professor at IIIT Kurnool, offered students a strong conceptual foundation. The session covered crucial regulations, safe flying practices, identification of flying zones, and in-depth breakdowns of drone components including motors, propellers, ESCs, and power systems. What made this day truly impactful was the way students connected textbook knowledge with real UAV systems. The discussions highlighted how drones are governed not just by technology, but by laws, ethics, and precision. The day concluded with participants gaining clarity on the structural and operational aspects of drones—building a solid platform for the upcoming practical sessions.

DAY 2 Marked a thrilling shift from theory to tangible engineering. With expert guidance from Mr. Shiva Prakash, students were immersed in the principles of aerodynamics, understanding forces such as lift, drag, and thrust, which form the basis of UAV flight. Hardware sessions allowed students to touch, connect, and analyze drone parts—laying their hands on real-time wiring, frames, power units, and control boards. The hands-on assembling session sparked deep interest as participants began building their own drones. This day stood out for blending science and craftsmanship, enabling students to not only understand how drones work but to begin creating one themselves**.**

On **DAY THREE**, the lab transformed into a launchpad of possibilities. The focus was on machine planning, mission layouts, and pre-flight configuration. Students mapped their flight paths, calibrated sensors, and worked in groups to test their drones. The energy was electric as drones came to life, hovering and responding to programmed inputs. The fly-test session was more than just an experiment—it was a symbol of student progress and team synergy. It brought to life the phrase: “From ideas to airborne reality.” Troubleshooting and iteration became part of the learning, making the day a true engineering experience.

DAY FOUR opened new horizons as students explored the real-world applications of drone technology. Use-cases in agriculture, surveillance, rescue operations, traffic management, and even logistics were explained in depth. This was followed by individual hands-on flying sessions, where every student took control of their drone and executed basic maneuvers. The pride in their eyes reflected the transformation from learners to drone pilots. The sense of achievement was tangible, and many discovered a newfound interest in aerospace and automation careers.

DAY FIFTH and final day was a high-energy, fully practical session—a culmination of the week’s learning. Students refined their models, corrected previous errors, experimented with flight stability, and explored advanced control modes. The instructors gave space for independent exploration,

encouraging students to test their creativity while maintaining safety protocols. As drones buzzed through the lab, the sound wasn’t just that of propellers—it echoed the confidence and competence students had gained. The day reinforced the essence of TECHNOLEDGICA: empowering students through innovation, hands-on experience, and applied learning.

In conclusion, TECHNOLEDGICA 4.0 Phase-1 was not just a training program—it was a transformative journey. It awakened curiosity, built technical depth, and left students equipped with both knowledge and confidence to step into the rapidly evolving world of drone technology. The collaborative efforts of the organizing departments, IEEE societies, and dedicated mentors made this initiative an unforgettable success, and a perfect example of learning beyond
classrooms.

Objective: To provide students with hands-on training in Unnamed Arieal Vehicles (drones), focusing on design, working, and practical applications, thereby enhancing technical knowledge and innovation in UAV technology.

Highlights: It offers a one-week, hands-on workshop on UAVs (drones) conducted in UAV Research Lab, providing participants with practical exposure to drone technology. Organized under the IEEE Sensors Council and IEEE ITsoc, it is open to both students and faculty, with affordable registration and the added advantage of professional value through IEEE.

Outcome: The participants gain real-time practical skills in UAV design and applications, develop innovation and team work abilities, and get exposure to the latest trends in drone technology.
Additionally, they receive IEEE recognition and certification, which adds academic and career value.

PHOTOS

Event Name: "Career Opportunities on Physical AI"	
Name of the society: IEEE Sensors Council	
Date: 13/08/2025	**Event Type: offline**
Venue: G.Pulla Reddy Engineering College	**Number of Participants: 100**

Objective: The objective of the guest lecture is to introduce students to the concept of Physical AI, its applications, and the emerging career opportunities in this rapidly growing field. By bringing together insights from industry and academia, the session aims to provide students with exposure to real-world practices, advanced research perspectives, and future opportunities in AI-driven technologies.
Highlights: The event, organized by the IEEE Sensors Council and IEEE IT Society, is scheduled for 13th August 2025 at 11:00 AM in the Auditorium. The lecture on "Career Opportunities on Physical AI" will be delivered by two eminent speakers: "Mr. Fakruddin Mohammed", Founder of ZAS Academy and Universe Lingo AI Ltd., and Dr. Roohi Banu, Alumnus of IIT Chennai and the Surrey Space Centre, University of Surrey (UK). This program is specially intended for students of V and VII semester across ECE, CSE, ECS, EEE, and ME branches.
Outcome: The expected outcomes of the event include enhanced awareness among students regarding career paths and research directions in Physical AI, a deeper understanding of its real-world applications, and meaningful interaction with global experts. The lecture will also serve as a source of motivation for students to pursue higher studies, research, and entrepreneurial ventures in AI-related domains, while strengthening the academic-industry relationship fostered through IEEE activities.
Photos

Event Name: Technical Session on Database Management Systems (DBMS)	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE COMSOC**
Date:26-07-2025	**Event Type: Technical Talk**
Venue: VLSI LAB	**Number of Participants: 67**
Resource Person	**Dr.B.Thimma Reddy, Associate Professor, Dept. of CSE**
Objective: The objective of this technical event was to enhance the understanding of Database Management Systems (DBMS) among final year students by focusing on advanced concepts, query optimization, normalization techniques, and real-time applications. The session aimed to strengthen students' knowledge to meet both academic requirements and	

industry expectations

Description of the event: The IEEE Communication Society, GPREC SB organized a one-day technical session on Database Management Systems (DBMS) exclusively for final year students.

The resource person, Dr.B.Thimma Reddy, Associate Professor, Dept. of CSE, delivered an interactive lecture covering:

- Overview of relational database concepts, Advanced SQL queries and stored procedures
- Normalization and indexing techniques, Query optimization and transaction management
- Applications of DBMS in large-scale enterprise systems and cloud computing

Outcome: - Students gained in-depth knowledge of advanced DBMS concepts beyond their curriculum.

- The session helped students connect academic knowledge with real-world applications.
- It motivated students to explore database-driven project ideas for their final year.

IEEE Computer Society Students Chapter (SBC15721C)

&

IEEE Computational Intelligent Society Students Chapter (SBC15721H)

1. IEEE-CS organized an event **'Dhi-Quest 2025'**in collaboration with IEEE Computational Intelligence Society on **25thJuly, 2025** from **9:00 AM to 5:00 PM** at Innovation and Incubation Centre.

2. IEEE- CS organized an event '**StackTrack'**on **28thJuly, 2025** from **11:50 AM to 12:40 PM**at ECE-10.

3. IEEE-CS organized an event **'Funnova'** on **13thAugust, 2025**from **2:30 PM to 3:20 PM**at CS-3.

4. IEEE- CS organized an event '**Perquesto'**on **14thAugust, 2025** from **11:50 AM to 12:40 PM** at CS – 2.

5. The GPREC IEEE-CIS chapter of CSE(AI & ML) Department has organized an event named "Codesprint" for II-year CSE(AI & ML) students on 01st August 2025 from 02:30pm to 03:30pm in ECS LAb-4 & ECS LH-6.A total of 118 students were participated in the event.The main objective of the event was to enhance students understanding of Data Structures concepts through interactive problem-solving.

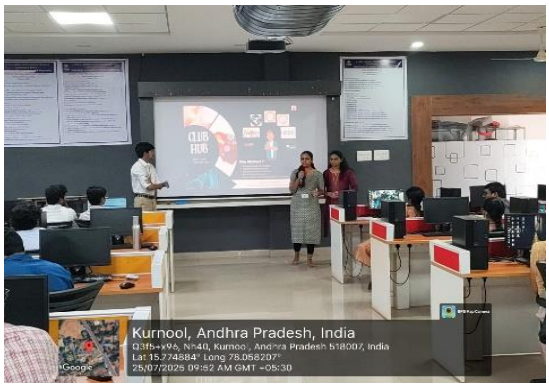
Event Name: DHI-QUEST'25	
Name of the cell and Forum/society: CAA	
Date: 25th July, 2025	**Event Type:** Technical
Venue: Innovation and Incubation Centre	**Number of Participants:** 129

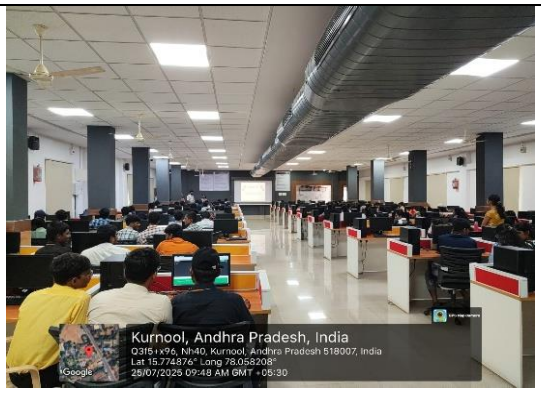
Objective:
DHI-QUEST'25 is a fun and engaging event that combines a web design hackathon with a treasure hunt. Teams will solve clues, unlock problems, and build creative web solutions. It is all about teamwork, ideas, and a bit of adventure.

Description:
DHI-QUEST'25 is a fun team event with web development and a treasure hunt. In teams of three, you'll solve challenges, find clues, and build creative web solutions. It's a great way to use your skills, work as a team, and have fun.

Outcome:
DHI-QUEST'25 brought together excited participants who showed creativity, teamwork, and tech skills. Teams worked together to solve clues, unlock challenges, and build web projects. The event gave a fun, hands-on experience and encouraged students to solve real-world problems together.

Photos





Event Name: StackTrack	
Name of the cell and Forum/society: CAA	
Date: 28th July, 2025	**Event Type:** Technical
Venue: ECE - 10	**Number of Participants: 50**

Objective:
The objective of this event was to engage participants in technical challenges combined with fun activities, focusing on core concepts of computer science. The event concluded with a debate on the topic: **"**Is AI a boon or a bane to society?".

Description:

The event featured a mix of fun and technical rounds and the Participants actively engaged in problem-solving and teamwork throughout the rounds. It concluded with a lively debate on whether AI is a boon or a bane to society.

Outcome:

Participants improved their problem-solving and teamwork skills through engaging challenges. They gained confidence in public speaking also the debate encouraged thoughtful discussion on the positive and negative impacts of AI in society.

Photos

Event Name: FUNNOVA	
Name of the cell and Forum/society: CAA	
Date: 13th August, 2025	**Event Type:** Tech-tainment
Venue: CS - 3	**Number of Participants:** 37
Objective: To combine technical learning with fun activities, creating an interactive platform that fosters creativity, teamwork, and active participation.	
Description: Funnova was an interactive classroom event that combined technology with fun to make learning exciting and engaging. The event encouraged active participation, teamwork, and creative problem-solving among students. With a mix of tech-related games and fun and challenges, it created a lively atmosphere that broke the regular classroom routine. Students participated with enthusiasm, making the event both educational and entertaining.	
Outcome: Students improved their collaboration, problem-solving, and quick-thinking skills. This led to strengthened peer bonding within the batch through shared fun experiences.	
Photos	

Event Name: PERQUESTO	
Name of the cell and Forum/society: CAA	
Date: 14th August, 2025	**Event Type:** Tech-tainment
Venue: CS - 2	**Number of Participants:** 40
Objective: To combine fun and technical learning through picture-based word guessing and dumb charades, encouraging active participation and promoting collaborative learning among students.	
Description: The event was a fun and engaging way to learn technical concepts. It had two rounds – guessing technical words from pictures and playing dumb charades with actions or drawings. These activities encouraged teamwork, creativity, and active participation. Students enjoyed the challenges and learned technical terms in an exciting and memorable way.	
Outcome: Students gained a better understanding of technical terms in a fun way. The event improved their teamwork, creativity, and communication skills while making learning interactive and enjoyable.	
Photos	

Event Name: Codesprint	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA–IEEECIS**
Date:01-08-2025	**Event Type: Analytical Skill Development**
Venue: ECS LH-6 & ECS Lab-4	**Number of Participants:118**
Objective: To enhance students understanding of data structures through interactive problem-solving and encourage active participation in coding challenges.	
Description of the event: Codesprint, an engaging event on data structures including stacks, queues, and trees was organized for ECS branch students. Through interactive problem-solving and collaborative challenges, students demonstrated strong analytical skills and deepened their understanding of core concepts. Active participants were rewarded with goodies, adding excitement to the intellectually enriching experience.	
Outcome: Students gained knowledge on core concepts of Data Structures.	
Photos	
	

G. PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS); KURNOOL

List of Student Activities conducted in the month of September- 2025

Civil Engineering Department
IE(I) Students Chapter

NIL

Electrical & Electronics Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Model Based Learning by II B.Tech EEE students U Akshara, A Jhansi , Ms Geetha Yadav,Ms Manasa and Ms Lipika,Ms Ganaga, during 6-09-2025 and total of 45 students attended this Program.
2. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted GATE Guidance Session by Resource person Mr.K.Niteesh Kumar garu Assistant Professor EEE Dept, GPREC, during 10-09-2025 and total of 20 students attended this Program.
3. The GPREC IE(I)of Electrical and Electronics Engineering Department conducted Software Career Guidance by Alumni by Resource person Miss.Geethika garu Allumni of 2020 batch EEE dept During 13-09-2025 and total of 81 students attended this program.
4. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Tech Art Frames by II B.Tech EEE students on eve of Engineers day during 15-09-2025 and total of 23 students attended this Program.
5. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Introduction to Quantum Computing using QIS Kit by Resource person Dr.K.Sree Gowri Garu, Professor EEE Dept, GPREC, during 20-09-2025 and total of 53 students attended this Program.
6. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Model Based Learning by II B.Tech EEE students II B.Tech EEE students Ms.Meghana Ms.M.Sajeeda Bee and Ms D Ganga during 20-09-2025 and total of 31 students attended this Program.

Event Name: Model Based Learning	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date: 06-09-2025	**Event Type:** Skill development
Venue: EEE Class room-EEE block2	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 45**
ObjectiveTo enable students to understand concepts by building, analyzing, and applying models (mathematical, physical, or simulation-based) that represent real-world systems, thereby enhancing problem-solving, critical thinking, and application-oriented learning skills.	
Description: II B.Tech EEE students U Akshara, A Jhansi , Ms Geetha Yadav,Ms Manasa and Ms Lipika,Ms Ganaga are Presented Model Based Learning event by showing models like Rain water harvesting and Rain water detector. Model-Based Learning is an instructional approach that emphasizes understanding concepts through the creation, use, and analysis of models. These models can be mathematical, physical, graphical, or simulation-based, allowing students to visualize and explore abstract concepts in a more concrete manner. By engaging with models, learners can connect theory with practice, test assumptions, and predict outcomes. This method not only deepens conceptual clarity but also develops critical thinking, analytical skills, and the ability to apply knowledge in solving real-world problems.	
Outcome: Through model-based learning, students will be able to represent and analyze complex systems using appropriate models, which helps in bridging theoretical knowledge with practical applications. They will gain the ability to simulate, test, and validate concepts, thereby enhancing their problem-solving and decision-making skills. This approach also fosters critical thinking, creativity, and innovation by encouraging learners to explore multiple solution pathways. Ultimately, students become more industry-ready and research-oriented as they learn to apply models for solving real-world engineering and technological challenges.	
Photos	
	

Event Name: GATE Guidance Session	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:10-09-2025	**Event Type:** Awareness Session
Venue: EEE Class room-EEE block2	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 20**
Objective: To prepare students for the Graduate Aptitude Test in Engineering (GATE) by providing guidance on exam structure, syllabus coverage, preparation strategies, and time management techniques, while motivating them to pursue higher studies and career opportunities in reputed institutions and public sector organizations.	
Description: IE(I) students chapter of EEE department organized a Gate Guidance session for II,IIIand IV B.Tech EEE students. Mr. K. Niteesh Kumar, Assistant Professor, EEE Department, provided valuable insights and guidance on GATE preparation. The GATE Guidance Session is organized to help students understand the importance of the Graduate Aptitude Test in Engineering (GATE) for higher education, research opportunities, and career advancement in public sector units (PSUs) and other reputed organizations. Alumni, faculty, or experts provide insights into the exam pattern, subject-wise preparation strategies, reference materials, and time management techniques. The session aims to clarify doubts, boost confidence, and equip students with the right approach to crack GATE successfully, thereby motivating them to set clear academic and career goals.	
Outcome: Students will gain a clear understanding of the GATE exam pattern, syllabus coverage, and preparation strategies. They will be able to plan their studies effectively, manage time efficiently, and choose appropriate reference materials. The session enhances their confidence to appear for the exam and motivates them to aim for higher education, research opportunities, and career prospects in PSUs and reputed institutions.	
Photos	
	

Event Name: Software Career Guidance by Alumni	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:13-09-2025	**Event Type:** Personality development
Venue: EEE Class room-EEE block-2	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 81**

Objective: To provide students with insights into current trends, career opportunities, and skill requirements in the software industry through interactive sessions with alumni, thereby bridging the gap between academic learning and professional expectations and motivating students to plan and shape their career paths effectively.

Description: Alumni of EEE Miss Geethika is presented Software Career Guidance interactive program designed to connect students with experienced graduates working in the software industry. Through these sessions, alumni share their professional journeys, industry insights, and practical knowledge about emerging technologies, career opportunities, and workplace expectations. The interaction helps students understand the gap between academic learning and industry needs, gain clarity on career pathways, and receive guidance on essential skills and certifications. This initiative not only motivates students but also builds a strong alumni–student network that supports professional growth and lifelong learning.

Outcome: Students will gain awareness of current software industry trends, tools, and technologies directly from experienced alumni. They will be able to identify suitable career paths and understand the required technical and soft skills for employability. The interaction enhances their confidence, motivates them to set clear career goals, and prepares them to bridge the gap between academics and industry expectations. Additionally, students build valuable connections with alumni for mentorship and future guidance.

Photos

Event Name: Tech Art Frames	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date: 15-09-2025	**Event Type:** Creativity event
Venue: EEE Class room-EEE block2	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 23**
Objective To encourage students to express creativity and innovation by transforming abstract ideas into visual representations on paper, using technical drawing and artistic skills. This activity aims to blend imagination with structured design, helping students conceptualize, plan, and present their dreams in a tangible and aesthetic form.	
Description: II B.Tech EEE students Ms.Meghana Ms.M.Sajeeda Bee are conducted Tech art frames event. "Tech Art Frames – Designing Dreams on Paper" is an activity that combines creativity, imagination, and technical drawing skills to bring innovative ideas to life. It encourages students to visualize their concepts, whether related to technology, engineering, or personal aspirations, and represent them artistically on paper. This initiative not only enhances design thinking and problem-solving abilities but also strengthens their ability to communicate ideas visually. By merging artistic expression with technical precision, students can develop a balance between creativity and structured design, turning their dreams into inspiring, shareable frames of art.	
Outcome: Through this activity, students will develop their creativity by transforming ideas and personal aspirations into visual representations on paper. They will enhance their technical drawing and artistic presentation skills while improving their ability to communicate innovative concepts effectively. Additionally, the activity fosters design thinking and imaginative problem-solving, enabling students to combine creativity with structured design and express their dreams in a tangible and visually appealing form.	
Photos	
	

Event Name: Introduction to Quantum Computing using QIS Kit	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:20-09-2025	**Event Type: Technical Event**
Venue: Computer Lab-1,EEEBLOCK-I	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 53**

Objective:The objective of introducing Quantum Computing using QIS Kit (Quantum Information Science Kit) to EEE students is to familiarize them with the fundamental principles of quantum mechanics applied to computation and to provide hands-on exposure to quantum programming. It aims to enable students to understand the difference between classical and quantum computation, explore the concepts of qubits, superposition, entanglement, and quantum gates, and use QISKit to design and simulate simple quantum circuits. This initiative develops interdisciplinary skills by bridging electronics, computer science, and applied physics, preparing students for emerging technologies in advanced computing, cryptography, optimization, and intelligent systems

Description: Resource Person Dr. K Sree Gowri Professor, EEE dept,GPREC described Quantum computing is an advanced field that applies the principles of quantum mechanics such as superposition and entanglement to computation. Unlike classical bits that can only exist as 0 or 1, qubits can exist in multiple states simultaneously, enabling much faster and more efficient processing for certain problems. For EEE students, this concept provides an important bridge between electronics, physics, and computer science, helping them connect digital logic and electronic circuits with quantum circuits that follow different computational rules. Furthermore, exposure to quantum computing prepares EEE students for research and industry roles in next-generation technologies, including quantum communication, artificial intelligence, and secure data processing, thereby equipping them with a competitive edge in their careers

Outcome: By the end of this program, students will gain a clear understanding of the fundamentals of quantum computing, including the concepts of qubits, superposition, entanglement, and quantum gates. They will be able to design and simulate simple quantum circuits using **QISKit** and acquire practical exposure by connecting to real quantum processors through the IBM Quantum Cloud. This experience will help them develop interdisciplinary skills that link their knowledge of electronics with advanced fields such as computing, cryptography, optimization, and emerging technologies, thereby preparing them for future research and industry applications.

Photos

Event Name: Model Based Learning	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date: 20-09-2025	**Event Type:** Skill development
Venue: EEE Class room-EEE block2	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 31**
ObjectiveTo enable students to understand concepts by building, analyzing, and applying models (mathematical, physical, or simulation-based) that represent real-world systems, thereby enhancing problem-solving, critical thinking, and application-oriented learning skills.	
Description: II B.Tech EEE students Ms.Meghana Ms.M.Sajeeda Bee and Ms D Ganga are conducted on Automatic street lighting and Earth Quake detector models. Model Based Learning event Model-Based Learning is an instructional approach that emphasizes understanding concepts through the creation, use, and analysis of models. These models can be mathematical, physical, graphical, or simulation-based, allowing students to visualize and explore abstract concepts in a more concrete manner. By engaging with models, learners can connect theory with practice, test assumptions, and predict outcomes. This method not only deepens conceptual clarity but also develops critical thinking, analytical skills, and the ability to apply knowledge in solving real-world problems.	
Outcome: Through model-based learning, students will be able to represent and analyze complex systems using appropriate models, which helps in bridging theoretical knowledge with practical applications. They will gain the ability to simulate, test, and validate concepts, thereby enhancing their problem-solving and decision-making skills. This approach also fosters critical thinking, creativity, and innovation by encouraging learners to explore multiple solution pathways. Ultimately, students become more industry-ready and research-oriented as they learn to apply models for solving real-world engineering and technological challenges.	
Photos	
	

Mechanical Engineering Department
IE(I) Students Chapter

Nil

Electronics & Communication Engineering Department
IE(I) Students Chapter

Nil

Computer Science & Engineering Department
IE(I) Students Chapter

- IEI Student Branch, Department of CSE, organized Techno Crack 30**-08-2025** from 2.30 pm to 3.20 pm. Number of students who participated in the event was 38.

- IEI Student Branch, Department of CSE, organized Techie Trekkers 12**-09-2025**from 2.30 pm to 3.20 pm. Number of students who participated in the event was 65.

- IEI Student Branch, Department of CSE, organized Tech Talk Challenge **o**n 11-09-2025 from 2.30 pm to 3.20 pm. Number of students who participated in the event was 36.

- IEI Student Branch, Department of CSE, organized **Network Quiz** on 13**-09-2025** from 2.30 pm to 3.20 pm. Number of students who participated in the event was 25.

- IEI Student Branch, Department of CSE, organized **Quiz Frenzy** on 19**-09-2025** from 2.30 pm to 3.20 pm. Number of students who participated in the event was 35.

Dept of CSE IE(I)	
Name of the Event: Techno Crack	
Date:30-08-2025	**Event Type: Technical Type**
Venue:CS-1	**Number of Participants:38**

Objective:

The main objective of the event is to participate everyone in the quiz contest. Test participant's tech tempo the coding beast. Assess their technical powers, evaluate their problem-solving skills and elevate their expertise, leveling up their tech game.

Highlights:

The high light of the event was both boys and girls gave their best effort and great competitive spirit among them. At last girls team stood as a winners in overall rounds. Everyone who participated in the event gave their best in giving answers.

Outcome:

The outcome of this techno crack event is like a revision to

Event Name: Techie Trekkers	
Name of the cell: CAA	
Date:12-09-2025	**Event Type: Technical Type**
Venue:CS-3	**NumberofParticipants:65**

Objective:

The main objective of the event is to participate everyone in the "Techie Trekkers" quiz organized by the IEI Student Chapter. This event aims to enhance coding and debugging skills in JAVA and AD-SA (Algorithms and Data Structures).There's also a Non-Technical segment where participants need to identify a logo.

Highlights:

The highlight of the event was both boys and girls gave their best effort and great competitive spirit among them. In this event there are 4 teams a, b, c, d. At last a, b, c teams stood as a winners in overall rounds. Everyone who participated in the event gave their best in giving answers.

Outcome:

Event Name :**Tech Talk Challenge**	
Name of the cell : **IEI of CSE Dept**	
Date : 11-09-2025	N0.of participants :36
Venue : CS-4(Silver Jubilee Block)	Event type : **Technical type**

Objective:

To strengthen students' technical knowledge and communication skills through an exciting Tech Talk Challenge of 60 well-crated questions (covering General Tech, C language).
The event aims to encourage clear and confident technical speaking, improve quick decision-making and logical thinking, and prepare participants for interviews, group discussions and competitive exams like GATE and campus placements.

Highlights:

- Engaging Q&A and feedback sessions enhance critical thinking and real-time problem solving.
- Provides a platform to showcase both technical depth and presentation skills in a competitive yet fun atmosphere.

Outcome:

Participants will:

- Develop strong problem-solving, analytical and research skills.
- Gain confidence in public speaking and the ability to simplify complex technical topics.
- Reinforce teamwork, time management and quick-thinking under pressure.

Photos :


Kurnool, Andhra Pradesh, India
Cse Block, Kurnool, Andhra Pradesh 518007, India
Lat 15.773704° Long 78.057193°
11/09/2025 03:09 PM GMT +05:30
Kurnool, Andhra Pradesh, India
Cse Block, Kurnool, Andhra Pradesh 518007, India
Lat 15.773712° Long 78.057185°
11/09/2025 02:53 PM GMT +05:30

Event Name: Quiz Frenzy	
Name of the cell :CAA	
Date:19-09-25	**Event Type: Technical**
Venue: CS-3	**Number of Participants:35**

Objective:

The objective of a event is multifaceted, engaging, but generally aims to learn that brings people together for enjoyment, innovative thoughts, and connection within a specific technical field. Ultimately, this event contribute to advancement of critical thinking and accurate decision making moreover, participants can experience the real-time interview based situation.

Highlights:

The highlights of a technical and fun event include interactive questions and engaging activities, live entertainment like creative thinking or performances,quick answering and memorable moments like competitive spirit, giveaways, and challenging situations.

Outcome:

The outcome of this event is a sense of joy and connection among attendees, fostering lasting memories and positive experiences. It boosts active interacting, teamwork, or community spirit, in a dynamic environment. Ultimately, participants leave feeling energized, entertained, thought and eager to return to future events.

Photos

Event Name: Network Quiz	
Name of the cell :CAA	
Date: 13-09-2025	**Event Type: Technical**
Venue: CS-3	**Number of Participants: 25**

Objective: The primary objective of the event was to engage students in interactive learning about networking,

artificial intelligence, and emerging technologies. Through a quiz competition, participants were encouraged to showcase their knowledge and enhance awareness of fundamental and advanced concepts in computer networks, Al, and space technology.

Highlights: Students demonstrated strong conceptual knowledge in network protocols and addressing. The quiz expanded beyond networking into Al and space technologies, making it interdisciplinary. The format ensured interactive learning, peer discussion, and competitive spirit.

Participants particularly enjoyed questions linking real-world technology (DHCP, IPv4 limits)to broader technological advances.

Outcome: Enhanced understanding of networking protocols, OSI model, and device functions.

Broadened awareness of artificial intelligence concepts like machine learning and reinforcement learning

Photos

Department of Emerging Technologies in Computer Science (ECS)

Nil

ISTE Students Chapter

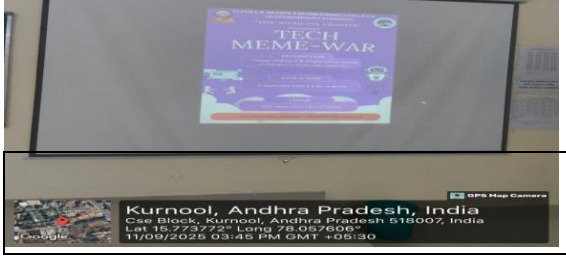
1. An event “AI Conquest” was conducted for the students of II year, III year and IV year B. Tech students of all branches on 06.09.2025 from 3.30 PM to 4.30 PM. The total number of students participated is 31.

2. An event “Tech-Meme-War” was conducted for the students of II year, III year and IV year B. Tech students of all branches on 11.09.2025 from 3.30 PM to 4.30 PM. The total number of students participated is 34.

3. An event “Decode the Snap” was conducted for the students of II year, III year and IV year B. Tech students of all branches on 17.09.2025 from 3.30 PM to 4.30 PM. The total number of students participated is 25.

Event Name: AI CONQUEST	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**Indian Society for Technical Education(ISTE)(CAA)**
Date:03-09-2025	**Event Type: Lecture on AI Models.**
Venue:E Class Room,SilverJubliee Block,GPREC, Kurnool.	**Number of Participants: 34**
Objective:To introduce participants to the most powerful AI tools, equip them with prompt engineering techniques, and inspire them to create and innovate with Gen AI..	
Highlights: Hands-on exposure to cutting-edge AI tools and their efficient applications, ,Prompt Engineering secrets to master communication with AI,An AI Challenge Game to apply knowledge through creativity and innovation.	
Outcome: Participants gain practical AI skills ready for real-world use, Ability to craft effective prompts for smarter AI outputs, Confidence to think, build, and innovate with next-gen AI technologies.	
Photos	

EventName: **TECH-MEMEWAR**	
NameofthecellandForum/society (EAA/NSS/VSC/CAA)	ISTE Students Chapter
Date: 11.09.2025	**EventType:**Technical Event
Venue: CSM BLOCK(CSMLH-1,1stFloor)	**NumberofParticipants:34**
Objective:Toencouragestudentstoexpresstheirtechnicalknowledgeandcreativitythrough humorousandoriginalmemesonAIandProgramming—withoutusingtheinternet—thereby Enhancing quick thinkingand innovation.	
Highlights: ParticipantscreateAIandProgrammingmemeslive,inspiredbyon-screenimages. Focusonspontaneouscreativityandtech humor.	
Outcome: Boostedstudents'abilitytothinkcreativelyandrespondinstantlytotechnical prompts.Strengthenedteamworkandcommunicationskillsthroughafun,competitivesetting. Increasedengagementandinterestintechnologyandprogrammingconceptsamongstudents.	
Photos	



Event Name: DECODE THE SNAP	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:17-09-2025	**Event Type: ISTE Student Chapter**
Venue: EEE –4 class room	**Number of Participants ; 25**
Objective: The objective of this event is to make students sharpen their memory skill and recollecting ability by participating in activity in which they have to identify and spot the words quickly in a short time in a given puzzle and answer the question in just a minute .This event is all about testing the memory, related to technical topics and field of science in a given time.	
Highlights: As a part of ISTE Student Chapter activity **DECODE THE SNAP...**was conducted on **17-09-2025** at 3-30 PM to 4.30 PM in EEE -4-class room **.** This event organised by 6 students. Nearly 19students participated in the contest. Out of 19 student 6 students from EEE,1from CSE,4 from ECE,0 from ME,3 from CSM and 5 from CE.	
Outcome: Conduction of this event which is a mind boosting and brain storming activity was highly helpful to the students in increasing their knowledge and enhancing their memory skills	
Photos	

CSI Student Branch

List of activities done under IEEE STB 15721

IEEE WIE AG (SBA15721), IEEE PES SBC 15721B,
IEEE PELS SBC 15721F, IEEE IAS SBC 15721E, IEEE RAS SBC15721G

1. IEEE PELS SBC of GPREC organized Professional Development Session on “Career Horizons After B.Tech: Opportunities in IT, Core Engineering, Higher Studies & Entrepreneurship” for III B.Tech EEE students by K.Sirisha, Associate Engineer, Cognizant Technologies, Hyderabad on 19-09-2025. Number of participants for the event are 68.

2. IEEE PELS SBC of GPREC organized "Growth Mindset Session: Turning Setbacks into Comebacks" by Jyothirmaye.C, Counselling Psychologist on 22/9/2025. Number of participants for the event are 26

3. IEEE PELS SBC of GPREC organized One Day Workshop on "Generation of control signals for power electronic converters" for IV B.Tech students of EEE Department by Dr.M.Harsha VardhanReddy, Associate Professor,GPREC on 25/09/2025. Number of participants for the event are 58.

4. IEEE PELS & PES SBC of GPREC organized A One Week Workshop on “Practical insights into Arduino Programming and Drone Applications” during 22/9/2025 – 27/09/2025 for II B.Tech EEE students. Number of participants for the event are 66.

5. IEEE GPREC RAS SBC conducted a Two-day workshop on “Robotics & IOT” by Sri S Sunil Kumar, M.D Unifirst Robotics, Hyderabad. The objective of this workshop is to enable learners to understand the integration of robotics with the Internet of Things (IoT) for creating intelligent, connected, and autonomous systems. The total number of participants is 36.

6. The GPREC IEEE PES chapter in association with IAS Student Chapter of Electrical and Electronics Engineering Department conducted a Technical Activity on topic “Beyond the Breadboard”. The resource person is Mr. Badrinath Chitti,Founder Director,Tripod Knowledge Systems Consultency and Services on12thSeptember 2025 from 11:00AM to 12:40 PM in Thinkering Lab, GPREC. The total number of students who participated were 64 No’s.

7. The GPREC IEEE PES chapter of Electrical and Electronics Engineering Department conducted a Technical Activity on topic “Blynk IT”. by Shri B.Amarnath Naidu and Dr.K Jagadeesh, Assistant Professors of Electrical and Electronics Engineering Department, GPREC on 20thSeptember 2025 from 10:00 AM to 11:50 AM in EEE Computer Lab-1, GPREC. The total number of students who participated were 28 No’s.

Event Name: Professional Development Session on "Career Horizons After B.Tech: Opportunities in IT, Core Engineering, Higher Studies & Entrepreneurship"	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE PELS SBC**
Date:19th September 2025	**Event Type:Technical**
Venue:EEE Computer Lab-1 **Time:11:00 – 12:00PM**	**Number of Participants:68**

Objective: The primary objective of this session was to guide engineering students in exploring diverse career pathways after B.Tech, including opportunities in the Software/IT sector, Core/Domain industries, Higher Studies, and Entrepreneurship. The session aimed to provide clarity on skill requirements, placement preparation strategies, and future technological trends while motivating students to build a successful career aligned with their interests and strengths.

Description: The session was structured into multiple segments to give students a holistic understanding of career possibilities:

1. **Career Opportunities After B.Tech** – Comparison of Software/IT roles with Core/Domain career paths, higher education options, and entrepreneurship.
2. **Software/IT Career Path** – Insights into common roles such as Developer, Tester, Analyst, Cloud Engineer, and Cybersecurity Specialist; importance of programming skills, certifications, and placement preparation tips.
3. **Core/Domain Career Path** – Opportunities in PSUs, research, manufacturing, design, and academia; emphasis on higher studies, GATE preparation, and software tools relevant to core engineering.
4. **Professional Experience Sharing** – The resource person narrated their personal journey from college to career, challenges faced during the transition phase, and key lessons learned.
5. **Future Trends & Opportunities** – Highlighted emerging fields such as AI/ML, Cloud Computing, Cybersecurity, Data Science, Electric Vehicles, and Green Technology as promising domains for future careers.
6. **Professional & Soft Skills** – Stressed the importance of communication skills, networking, adaptability, and continuous learning in career development.
7. **Interactive Q&A Session** – Students actively participated by asking questions related to placements, interview preparation, and career decisions.

Outcome:

- Students gained clarity on **different career** avenues after B.Tech and how to align them

with personal interests and industry requirements.

- They understood the skillsets, certifications, and preparation strategies needed for Software/IT roles as well as opportunities in Core/Domain sectors.
- The session motivated students to consider higher studies and entrepreneurship as viable career paths.
- Awareness was created on future technological trends and their potential impact on engineering careers.
- Students recognized the importance of professionalism, soft skills, and lifelong learning for sustained growth.
- The Q&A segment helped address specific doubts, giving students more confidence in making informed career choices.

Photos

Event Name:"Growth Mindset Session: Turning Setbacks into Comebacks"by

Jyothirmaye.C, Counselling Psychologist

Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE PELS SBC**
Date:22nd September 2025	**Event Type:Technical**
Venue:EEE Class Room - 3 **Time:11:00 – 12:20PM**	**Number of Participants:26**

Objective: The session aimed to provide **psychological guidance and motivation** for students with academic backlogs, helping them to develop a **growth mindset**, overcome self-doubt, and channel their efforts towards academic recovery and personal growth. The focus was on empowering students to view setbacks as opportunities for learning and improvement.

Description: Ms. Jyothirmaye C. conducted an engaging and interactive session with backlog students, addressing their **academic, emotional, and motivational challenges**.

Key highlights of the session included:

- Understanding the concept of a **growth mindset** and how it differs from a fixed mindset.
- Exploring **common psychological barriers** faced by students with backlogs, such as fear of failure, lack of confidence, and procrastination.
- Practical **strategies for overcoming setbacks**, including time management, self-discipline, and positive self-talk.
- Encouragement to **reframe backlogs as temporary challenges** that can be overcome with persistence and support.
- Motivational anecdotes and interactive activities that encouraged **self-reflection and confidence-building**.

The session also created a safe space for students to **share their concerns**, ask questions, and receive guidance on managing both academic pressure and emotional well-being.

Outcome: Students understood the **importance of adopting a growth mindset** in academics and life.They gained **practical coping strategies** to handle academic setbacks more effectively. The session instilled **motivation and self-belief**, encouraging students to approach backlogs with renewed confidence.Participants felt more **empowered to take responsibility** for their progress and use challenges as stepping stones to success.Overall, the session promoted **resilience, positivity, and academic focus** among students.

Photos

Event Name:A One Week Workshop on "Practical insights into Arduino Programming and Drone Applications"	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE PELS & PES SBC**
Date:22/9/2025 – 27/09/2025	**Event Type:Technical**
Venue:EEE Computer Lab-1 & EEE e-Class Room	**Number of Participants:66**

Objective:

The workshop aims to:

1. Introduce students to the fundamentals of Arduino hardware and programming.
2. Provide hands-on training on interfacing Arduino with analog and digital sensors and actuators.
3. Familiarize participants with decision-making, loops, and serial communication in Arduino.
4. Enable students to design and implement mini-projects using Arduino for real-world applications.
5. Offer a basic understanding of drone technology, its working principles, and applications.
6. Encourage innovation, problem-solving, and prototype development skills in embedded systems and robotics.

Description:

This workshop is designed to provide students with hands-on experience in Arduino programming, sensor interfacing, and control applications, along with an introductory exposure to drone technology. Participants will learn the fundamentals of Arduino, including programming concepts, decision-making structures, sensor integration, and real-time data communication. Through practical sessions and mini-projects, students will gain the ability to design, prototype, and test simple embedded systems. The program also

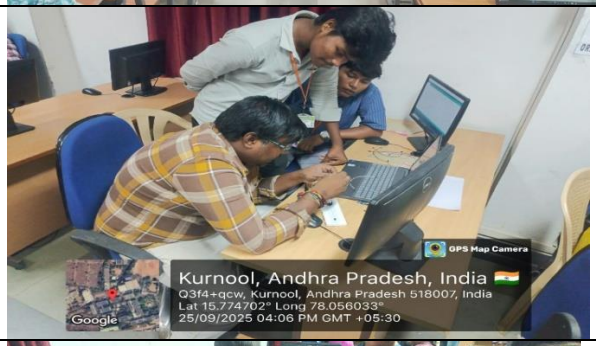
introduces the basics of drone technology, its components, and applications, offering insights into emerging trends in robotics and unmanned aerial systems.

Outcome:

Participants are able to:

- Demonstrate knowledge of Arduino hardware, programming, and control structures.
- Interface and operate sensors, actuators, and peripheral devices with Arduino.
- Implement serial communication to exchange data between Arduino and external devices.
- Develop mini-projects and prototypes using Arduino for practical applications.
- Understand the basics of drone technology, including its components and possible applications.
- Apply acquired skills to innovative projects in automation, robotics, and IoT domains.

Photos



Event Name: One Day Workshop on "Generation of control signals for power electronic converters"	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE PELS & PES SBC**
Date:25th September 2025	**Event Type:Technical**
Venue:EEE Computer Lab-1	**Number of Participants:59**

Objective:

The primary objective of this workshop is to provide participants with practical exposure to the design and generation of control signals required for various power electronic converters using MATLAB Simulink. It aims to strengthen the fundamental understanding of switching strategies, modulation techniques, and control schemes while bridging the gap between theoretical concepts and practical implementation.

Description:

This hands-on workshop introduces participants to the basics of control signal generation for power electronic devices such as rectifiers, inverters, choppers, and AC voltage controllers. Using MATLAB Simulink as the simulation platform, participants learnt how to design, analyze, and implement Pulse Width Modulation (PWM) techniques and other control strategies. The workshop emphasizes developing skills to model converters, generate gating pulses, and evaluate system performance through simulations. Special focus will be given to practical applications in renewable energy systems, electric drives, and power system integration.

Key Topics Covered:

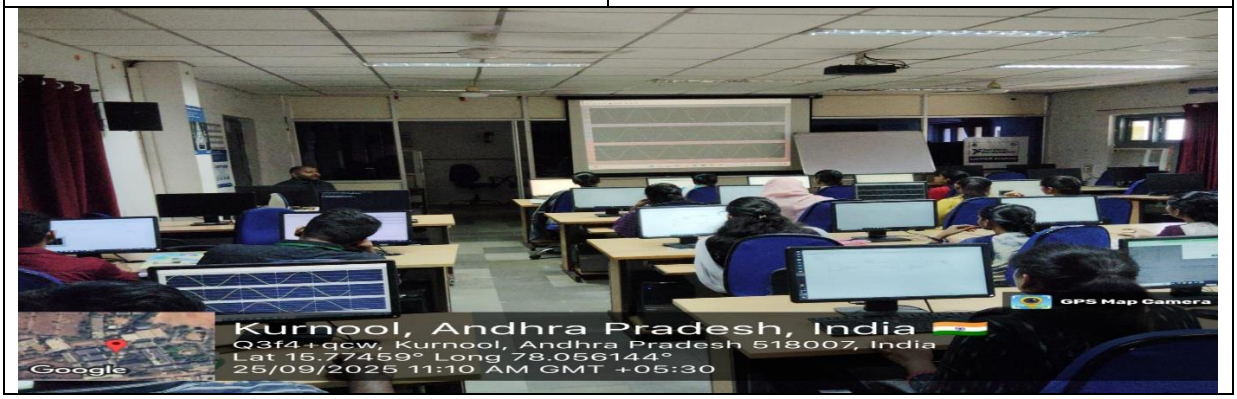
- Introduction to MATLAB Simulink for power electronics applications
- Basics of switching devices and control requirements
- Generation of sinusoidal and space vector PWM signals
- Control signal generation for DC–DC, DC–AC, and AC–DC converters
- Simulation and performance evaluation of converters using gating signals

Outcome:

By the end of the workshop, participants are able to:

- Understand the importance and role of control signals in power electronic converters.
- Design and generate PWM signals and other control strategies using MATLAB Simulink.
- Develop simulation models for basic power electronic converters with appropriate gating signals.
- Analyze the performance of converters under various operating conditions.
- Apply the acquired knowledge to real-world applications such as renewable energy systems, electric vehicle drives, and power conditioning systems.

Photos



Event Name: Two-day workshop on "Robotics & IOT"	
Name of the cell and Forum/society (CAA)	**IEEE RAS ME Department**
Date: 17th& 18th September 2025	**Event Type: Technical**
Venue: ME Seminar Hall	**Number of Participants: 36**
Objective: To enable learners to understand the integration of robotics with the Internet of Things (IoT) for creating intelligent, connected, and autonomous systems. The course/initiative aims to impart knowledge of robotics fundamentals, IoT architecture, sensors, communication protocols, and cloud platforms, while fostering skills to design and implement smart robotic applications that can sense, analyze, and act in real-time.	
Description: Robotics and IoT is an interdisciplinary field that combines robotic systems with the power of the Internet of Things to create intelligent, interconnected solutions. Robotics focuses on designing and controlling machines capable of performing physical tasks, while IoT enables these machines to sense their environment, communicate, and share data through networks and cloud platforms. Together, they empower the development of smart applications such as autonomous vehicles, industrial automation, healthcare monitoring, and smart homes. This field emphasizes the integration of sensors, actuators, communication technologies, and data analytics to build responsive and adaptive robotic systems capable of real-time decision-making.	
Outcomes: The workshop practical outcomes are tounderstand the fundamental concepts of robotics and IoT, including hardware, sensors, actuators, and communication protocols. Demonstrate the ability to integrate IoT technologies with robotic systems for data collection,	

monitoring, and control. Develop skills to design and implement smart, connected robotic applications for real-world problems.

Photos

Event Name: Beyond the Breadboard	
Name of the cell and Forum/society: CAA – IEEE PES & IAS	
Date: 12th September, 2025	**Event Type:** Technical
Venue: Tinkering Lab	**Number of Participants: 64**

Objective:
To make the students understand the current realtime problems and to gain knowledge on solving the problems using Aurdino and IOT technologies

Description:
Beyond the Breadboard was a great event for B.Tech students to apply their lab knowledge to real-world electrical engineering problems using Arduino. The resource person Mr. Badrinath Chitti, focused on practical applications like an automatic speed regulator and a real-time energy consumption display.

A total of 64 students attended and gained valuable, hands-on experience with Arduino and IoT technology. The event successfully bridged the gap between theoretical lab work and practical problem-solving. It's fantastic that the participants are now better equipped to tackle real-world challenges using technology.

Outcome:
The students gained valuable, hands-on experience with Arduino and IoT technology.

Photos

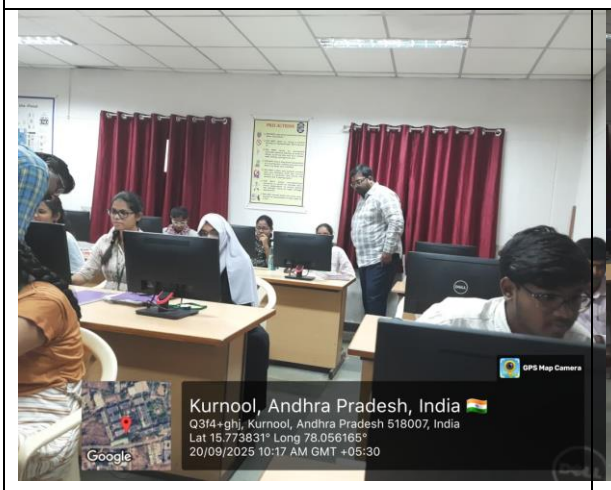
Event Name: Blynk IT	
Name of the cell and Forum/society: CAA – IEEE PES	
Date: 20th September, 2025	**Event Type:** Technical
Venue: Tinkering Lab	**Number of Participants: 28**

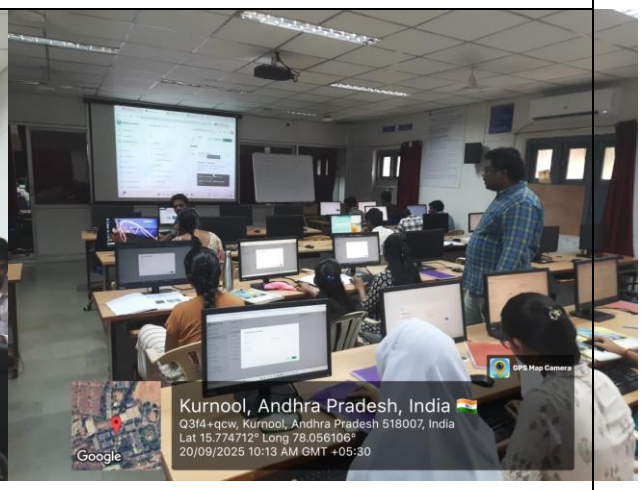
Objective:
To make the students understand how to Design and Control the IOT devices using Blynk IT software

Description:
Blynk IT is an excellent platform for students to learn how to design and control IoT devices. It simplifies the process by providing a **low-code, drag-and-drop interface**, making it accessible even to beginners with little to no coding experience.Students can use the Blynk mobile app or web console to build a custom user interface, complete with widgets like buttons, sliders, graphs, and gauges, without writing a single line of code for the app itself.The platform handles the complex backend infrastructure, including the cloud server that routes data between the hardware and the app, allowing students to focus on the hardware and the logic of their projects. The resource persons for this event are Shri B.Amarnath Naidu,Dr.K.Jagadeesh and Dr.K.Rajesh.

Outcome:
The students gained valuable, hands-on experience with Arduino and IoT technology using Blynk app.

Photos





Information Theory Society Students Chapter (SBC15721D)

&

IEEE Communications Society Students Chapter (SBC15721)

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IEEE Microwave Theory and Techniques Students Chapter (SBC15721)

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IEEE Sensors Council (SBC15721H

1. IEEE GPREC IT Society conducted an event "IEEE Execom Meeting" on 3rd September 2025 in **ECE-7,GPREC,Kurnool**. Total numbers of participants were 30.

2. IEEE GPREC IT Society organized an event "Exploring Tinkercad and ESP32"**on 12th September 2025 in** SGPR Government Polytechnic College, Kurnool**.** Total numbers of participants were 43.

3.IEEE GPREC IT Society organized an event "Exploring Tinkercad and ESP32-Handson"**conducted on 19thSeptember 2025 in** SGPR Government Polytechnic College, Kurnool**.** Total numbers of participants were 40.

4. IEEE GPREC SENSORS COUNCIL conducted an event "**Honoring the hands behind Technoledgica 4.0"** on 02nd September 2025 in ECE 7 classroom, ECE Dept. Total number of attendees are 60. Among, IEEE Execom members are 25.

5. IEEE GPREC SENSORS COUNCIL conducted a "Technical Quest - **FAULT FINDER FRENZY" on 12th September 2025 in** ECE 7 classroom, ECE Dept. Total number of attendees are 25. Among, IEEE Execom members are 12.

6. IEEE GPREC SENSORS COUNCIL conducted a "**Quick Bytes Challenge" on 26th September 2025 in** ECE 7 classroom, ECE Dept. Total number of attendees are 28. Among, IEEE Execom members are 10.

7. IEEE GPREC MTTS SBC conducted an event on "Introduction to V tools" on 11th Sept 2025 for the IEEE execom members. The primary objective of IEEE V-Tools training is to equip IEEE volunteers with the skills and knowledge necessary to effectively manage their organizational units (Section, Chapter, Student Branch, etc.) administrative and event-related tasks. The total number of participants is 20.

8. IEEE GPREC MTTS SBC conducted an event on "Workshop on Digital circuit Realization –Phase1(Using Simulink)" by Dr MVR Vittal, Dr Lakshmi Prasanna and Dr T Swathi of ECE dept GPREC during 22nd to 24th Sept 2025. The total number of participants is 56.

9. IEEE GPREC COMSOC conducted an **Introduction to V-Tools** on 11th Sept 2025 in ECE-1, ECE Dept. The number of IEEE Execom members are 20.

10. IEEE GPREC COMSOC conducted a Seminar on “Guide lines for publishing Research Paper” 11th Sept 2025 in EEE-Eclass room, for final year ECE students. Total number of participants are 150.

11. IEEE GPREC COMSOC conducted a3 days technical work shop on **“Workshop on Digital circuit Realization –Phase1(Using Simulink)”**from 22nd to 24th Sept 2025.Total number of participants are 36.

EventName: IEEE EXCOM EEETING	
Nameofthe cell:CAA	**Nameofthe Society:** IEEEITSOCIETY
Date: 03.09.25	**EventType:**
Venue:ECE-7,GPREC	**NumberofParticipants:**30
Objective:The objective of the IEEE ExCom meeting is to review ongoing activities, discuss strategic plans, and ensure effective coordination among office bearers. It aims to evaluate past performance, plan upcoming events, allocate responsibilities, and strengthen collaboration for achieving the chapter's vision, mission, and goals in academics, research, and professional development.	
Highlights:The IEEE student chair Mr.Jagadeeswar Reddy spoke to new excom members of all the societies running in the college regarding the events that are to be organized to achieve the goals.	
Outcome: The meetingresulted in well-defined action plans, updated timelines, and clear role assignments for ExCom members. It ensures effective decision-making, improved communication, and streamlined execution of initiatives. The outcomes include enhanced member engagement, successful event planning, better resource utilization, and alignment of chapter activities with IEEE's objectives and values.	
Photos	
	

EventName:Exploring Tinkercad and ESP32	
Nameofthecell-CAA	**NameoftheSociety–IEEEIT Society**
Date:12-09-2025	**EventType:**Awareness Program
Venue:SGPR Government Polytechnic College,Kurnool	**NumberofParticipants:** IEEE Members-2 Non IEEE Members-43

Objective: The event aims to introduce students to circuit simulation and IoT applications through hands-on activities. Participants learnt to design virtual circuits in Tinkercad, program ESP32 using Arduino IDE, and build simple IoT projects. The event fosters creativity, problem-solving, and practical skills fo

EventName:Exploring Tinkercad and ESP32-Hands on	
NameoftheCell:CAA	**Nameofthe Society:** IEEEITSOCIETY
Date:19.09.2025	**EventType:**Outreach Program
VenueSGPR Government Polytechnic College, Kurnool	**NumberofParticipants:** IEEE Members-2 Non IEEE Members-40
Objective: The session aims to build practical skills in circuit design, coding, and hardware interfacing, encouraging innovation and problem-solving through real-world applications.	
Highlights: Student volunteers helped polytechnic college students how to simulate and implement IoT based projects.	
Outcome: Students will be able to design, simulate, and implement IoT-based projects using ESP32 on Tinkercad. They will gain hands-on experience in coding, circuit connections, and system debugging, enabling them to confidently prototype innovative solutions and apply embedded system knowledge to academic and industry challenges.	
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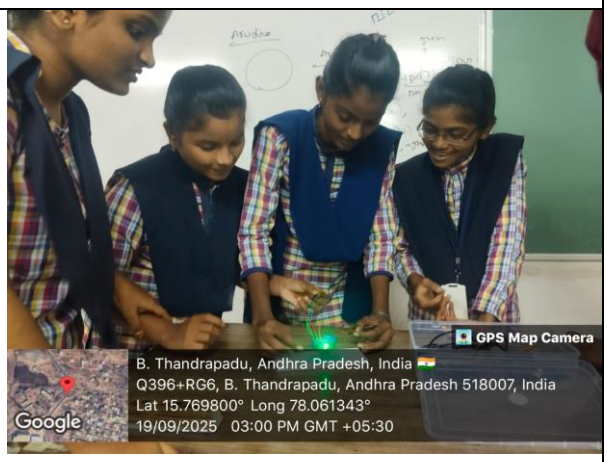
	

Event Name	**Honoring the hands behind Technoledgica 4.0**
Name of the Cell and Forum/Society	**CAA – IEEE SENSORS COUNCIL**
Date	**02/09/2025**
Event Type	**Appreciation Program**
Venue	**ECE 7**
Number of Participants	**60 (IEEE – 25, Non-IEEE – 35)**

Objective

To recognize and appreciate the tireless efforts of student volunteers, coordinators, faculty advisors, and support staff who ensured the success of **Technoledgica 4.0**, fostering a culture of teamwork, innovation, and professional growth.

Highlights

Appreciation to core team members, event coordinators, and volunteers.

• Distribution of certificates and personalized tokens of gratitude.

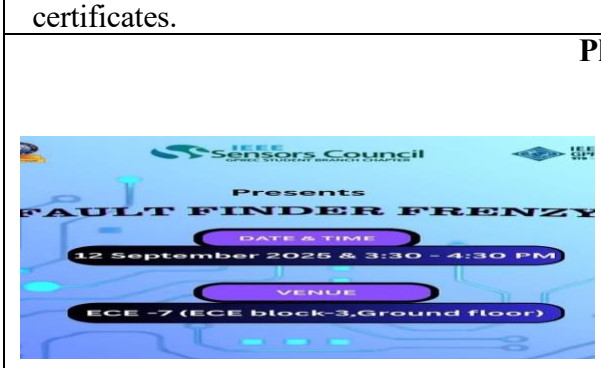
• Reflections and experience sharing by student leaders and faculty mentors.

• Motivational messages from dignitaries encouraging continued participation in IEEE activities and future Technoledgica editions.

Outcome

The event strengthened team spirit and acknowledged individual contributions, boosting volunteer morale and setting a positive precedent for upcoming IEEE initiatives. Participants felt valued, motivating them to take on future leadership roles and contribute to the growth of IEEE activities at GPREC.

Photos

Event Name: FAULT FINDER FRENZY	
Name of the cell and forum/society: (EAA/NSS/VSC/CAA)	**CAA – IEEE SENSORS COUNCIL**
Date: 12-09-25	**Event Type: Three Round Challenge (Technical Quest)**
Venue: ECE-7, ECE-Block 3	**Number of Participants: 25**
Objective: To enhance student's practical knowledge and problem-solving skills in electronics by challenging them to identify faults or errors in circuit designs, logical circuits, and electronic systems in a fun and competitive environment.	
Highlights: An interactive, time-bound event where students identify intentional faults in realistic circuit diagrams, focussing on digital circuits, logic gates, sensors, and electronics, while promoting teamwork, critical thinking, and technical skill development.	
Outcome: Students will gain practical skills in circuit analysis and debugging, better understand common electronic faults, apply theory to practice, improve logical thinking under pressure, collaborate effectively, get motivated to explore electronics further, and earn recognition or certificates.	
Pl  	

Event Name: Quick Bytes Challenge	
Name of the cell and forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE SENSORS COUNCIL**
Date: 26-09-25	**Event Type: Rapid-Fire Knowledge Competition**
Venue: ECE-7, ECE-Block 3	**Number of Participants: 28**
Objective: To engage students in a fast-paced, interactive quiz that enhances technical knowledge, quick thinking, and team collaboration across core electronics, communication, and emerging technology domains.	
Highlights: Multi-round rapid-fire quiz featuring questions from electronics, communication systems, IoT, AI, and current technology trends. • Buzzer and time-bound rounds to test speed and accuracy. • Enthusiastic participation from students of multiple branches, fostering a spirit of healthy competition.	

Outcome: Participants gained exposure to diverse technical topics, improved problem-solving skills under time pressure, and developed confidence in public knowledge-sharing forums. The event successfully encouraged continuous learning and active involvement in IEEE technical activities.

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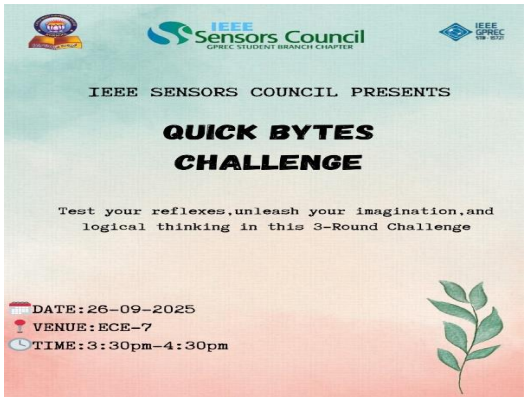

Event Name: Introduction to V-Tools

Name of the cell and Forum/society: IEEE MTTSOC

Date: 11th September, 2025	**Event Type:** Technical
Venue: ECE -1(ECE Block)	**Number of Participants:** 20

Objective:
The primary objective of IEEE V-Tools training is to equip IEEE volunteers with the skills and knowledge necessary to effectively manage their organizational unit's (Section, Chapter, Student Branch, etc.) administrative and event-related tasks.

Description:
IEEE vTools webinar is a practical, step-by-step guide designed to empower volunteers. The description of such a webinar would include: The training is primarily for IEEE volunteers, including student branch officers, section leaders, chapter chairs, and other committee members who are responsible for managing their unit's activities and reporting to IEEE.

Outcome:
- **Navigate the vTools Platform:** A comprehensive walkthrough of the vTools interface and its various applications.
- **Manage Events:** Create, edit, and publicize events on the official IEEE Events Calendar.
- **Track Attendance:** Learn how to record attendance and manage event registrants.
- **Submit Event Reports:** Understand the critical process of "L31 reporting" to keep their unit active and compliant with IEEE regulations.

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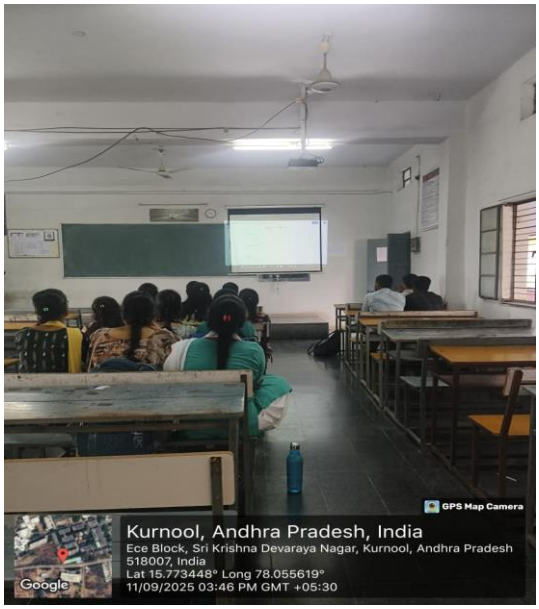

Event Name: "Workshop on Digital circuit Realization –Phase1(Using Simulink)"

Name of the cell and Forum/society: IEEE MTTSOC

Date: 22nd to 24th September, 2025

Venue: DSP Lab & IOT Lab (ECE Block)

Objective:

The primary objective is to train participants in the fundamental techniques of digital logic modeling and simulation using the visual programming environment of Simulink. To familiarize participants with the Simulink Library Browser, specifically the logic and discrete components. To enable participants to model basic digital logic functions (gates, combinational circuits) using a block-diagram approach.

Description:

S.No	Day/ Date	Section	Key Topics Covered	Speakers/ Resource Person
1	Day-1 (22-9-25)	Simulink Fundamentals	Introduction to the Simulink interface, the concept of Model-Based Design (MBD), and navigating the Library Browser.	Dr M.V.R.Vittal
		Logic Gate Modeling	Introduction to the Logic and Bit Operations blocks in Simulink. Understanding logic levels and signal routing.	
2	Day-2 (23-9-25)	Combinational Circuits	Translating Boolean expressions and truth tables into a block diagram using logic gates.	Dr T.Swathi

3	Day-3 (24-9-25)	Sequential Circuits Analysis and Verification	Using the Scope block to observe input and output waveforms. Verifying the simulated circuit's output against the expected truth table.	Dr L.Lakshmi Prasan Kumar

Outcome:

Upon successful completion of Phase 1 of the workshop, participants will be able to:

- **Model Digitally**: Independently create a new Simulink model and add digital logic blocks from the library.
- **Design and Simulate:** Translate simple Boolean expressions and truth tables into a working combinational circuit model in Simulink.
- **Analyze Performance:** Use Simulink tools (like the Scope) to verify the functionality of the digital circuit by observing its time-domain behavior and comparing it to the theoretical output.

  Possess the necessary foundational skills to progress to Phase 2, which would typically involve more complex circuits like sequential logic (latches, flip-flops, counters) and state machines using Stateflow.

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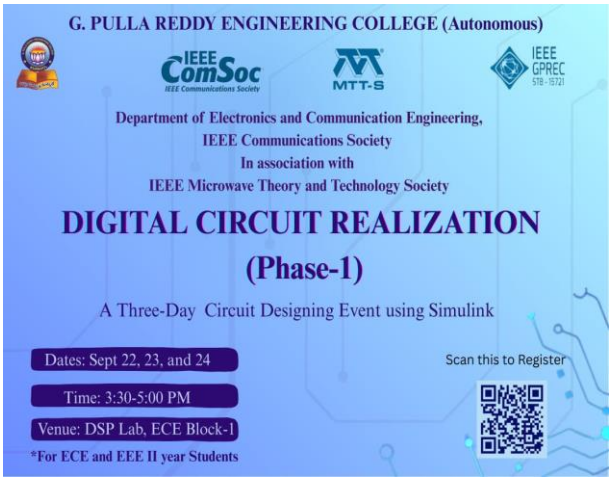

Event Name: Introduction to V-Tools

Name of the cell and Forum/society: IEEE ComSoc

Date: 11th September, 2025	**Event Type:** Technical
Venue: ECE -1(ECE Block)	**Number of Participants:** 20

Objective:

The primary objective of IEEE V-Tools training is to equip IEEE volunteers with the skills and knowledge necessary to effectively manage their organizational unit's (Section, Chapter, Student Branch, etc.) administrative and event-related tasks.

Description:

IEEE vTools webinar is a practical, step-by-step guide designed to empower volunteers. The description of such a webinar would include: The training is primarily for IEEE volunteers, including student branch officers, section leaders, chapter chairs, and other committee members who are responsible for managing their unit's activities and reporting to IEEE.

Outcome:

- **Navigate the V Tools Platform:** A comprehensive walkthrough of the vTools interface and its various applications.
- **Manage Events:** Create, edit, and publicize events on the official IEEE Events Calendar.
- **Track Attendance:** Learn how to record attendance and manage event registrants.
- **Submit Event Reports:** Understand the critical process of "L31 reporting" to keep their unit active and compliant with IEEE regulations.

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Photos

Event Name: Seminar on “Guide lines for publishing Research Paper”

Name of the cell and Forum/society: IEEE ComSoc

Date: 11thSept:2025 (2.30PM to 4:10PM)	**Event Type:** Technical
Venue: EEE E-Class Room	**Number of Participants:** 150

Resource Person :Dr. R. Meenakshi Reddy,Associate Professor,Department of Mechanical Engineering

Objective: The seminar aimed to guide students on the process of publishing a technical paper, covering aspects such as paper structuring, choosing the right journals/conferences, adhering to publication ethics, and effective technical writing skills.

Description:

The IEEE Communication Society (ComSoc) , GPREC SB organized seminar titled "Guide lines for publishing Research Paper exclusively for final year students.

The resource person, Dr. R. Meenakshi Reddy, Associate Professor, Department of Mechanical Engineering, delivered an insightful session that included:

- Importance of technical publications in academic and professional careers
- Guidelines for structuring and formatting a research paper
- Understanding plagiarism and maintaining ethical practices in publishing
- Selection of reputed journals and conferences for submission

The seminar was interactive, with students raising questions about challenges in writing research papers, handling reviewer comments, and converting project work into publications

Outcome:

- Students understood the importance of publishing technical papers for career development and higher studies.
- They learned practical strategies for structuring and writing effective research papers.
- The session motivated students to explore opportunities to publish their academic project work.

Photos

Event Name: "Workshop on Digital circuit Realization –Phase1(Using Simulink)"

Name of the cell and Forum/society: IEEE ComSoc

Date: 22nd to 24th September, 2025	**Event Type:** Technical
Venue: DSP Lab & IOT Lab (ECE Block)	**Number of Participants:** 36

Objective:

The primary objective is to train participants in the fundamental techniques of digital logic modeling and simulation using the visual programming environment of Simulink. To familiarize participants with the Simulink Library Browser, specifically the logic and discrete components.To enable participants to model basic digital logic functions (gates, combinational circuits) using a block-diagram approach.

Description:

S.No	Day/ Date	Section	Key Topics Covered	Speakers Per
1	Day-1 (22-9-25)	Simulink Fundamentals	Introduction to the Simulink interface, the concept of Model-Based Design (MBD), and navigating the Library Browser.	Dr M.V
		Logic Gate Modeling	Introduction to the Logic and Bit Operations blocks in Simulink. Understanding logic levels and signal routing.	
2	Day-2 (23-9-25)	Combinational Circuits	Translating Boolean expressions and truth tables into a block diagram using logic gates.	Dr T.S
3	Day-3 (24-9-25)	Sequential Circuits Analysis and Verification	Using the Scope block to observe input and output waveforms. Verifying the simulated circuit's output against the expected truth table.	Dr L.L Prasann

Outcome:

Upon successful completion of Phase 1 of the workshop, participants will be able to:

- **Model Digitally**: Independently create a new Simulink model and add digital logic blocks from the library.
- **Design and Simulate:** Translate simple Boolean expressions and truth tables into a working combinational circuit model in Simulink.
- **Analyze Performance:** Use Simulink tools (like the Scope) to verify the functionality of the digital circuit by observing its time-domain behavior and comparing it to the theoretical output.

  Possess the necessary foundational skills to progress to Phase 2, which would typically involve more complex circuits like sequential logic (latches, flip-flops, counters) and state machines using Stateflow.

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Photos


G. PULLA REDDY ENGINEERING COLLEGE (Autonomous)
IEEE ComSoc
IEEE Communications Society
MTT-S
IEEE GPREC
Department of Electronics and Communication Engineering,
IEEE Communications Society
In association with
IEEE Microwave Theory and Technology Society
DIGITAL CIRCUIT REALIZATION
(Phase-1)
A Three-Day Circuit Designing Event using Simulink
Dates: Sept 22, 23, and 24
Time: 3:30-5:00 PM
Venue: DSP Lab, ECE Block-1
*For ECE and EEE II year Students
Scan this to Register


GPS Map Camera
Kurnool, Andhra Pradesh, India
ECE Block, Sri Krishna Devaraya Nagar, Kurnool, Andhra Pradesh 518007, India
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IEEE Computer Society Students Chapter (SBC15721C)

&

IEEE Computational Intelligent Society Students Chapter (SBC15721H)

1. IEEE-CS organized an event 'TechnoTribe' on 3rd September, 2025 from 02:30 PM to 03:20 PM at CS-3.

2. IEEE- CS organized an event 'TechSkeem' on 6th September, 2025 from 02:30 PM to 03:20 PM at CS – 5.

3. IEEE- CS organized an event 'VisionX' on 11th September, 2025 from 02:30 PM to 03:20 PM at Civil-2.

4. IEEE- CS organized an event 'CTRL your excitement' on 13th September, 2025 from 02:30 PM to 03:20 PM at CS-1.

5. The GPREC IEEE-CIS chapter of CSE(AI & ML) Department has organized an event named "Logo Code Quest" for II-year CSE(AI & ML) students on 03rd September 2025 from 02:30pm to 03:30pm in ECS Lab-4 & ECS LH-4.A total of 125 students were participated in the event.The main objective of the event was to enhance awareness of tech branding and acronyms, fostering industry familiarity and professional communication among participants.

6. The GPREC IEEE-CIS chapter of CSE(AI & ML) Department has organized **Guest lecture on "MACHINE LEARNING APPLICATION IN MEDICAL IMAGING"** for II-year CSE(AI & ML) students on 06th September 2025 from 11:00am to 12:30pm in ECS Labs-1,2 & 6.A total of 209 students were participated in the event.The main objective of the event was to introduce participants to real-world applications of machine learning in medical imaging, highlighting its role in diagnostics,analysis, and healthcare innovation.

7. The GPREC IEEE-CIS chapter of CSE(AI & ML) Department has organized an event named "Random Tech Mashup" for II-year CSE(AI & ML) students on 19th September 2025 from 09:50am to 10:30am in ECS LH-2. A total of 66 students were participated in the event.The main objective of the event was to foster creative thinking and quick recognition skills by engaging participants in identifying popular tech brands and applications through emoji-based puzzles, thereby enhancing industry familiarity and digital communication in a fun, interactive way.

EventName:TECHNOTRIBE	
NameofthecellandForum/society:CAA	
Date:3rdSept,2025	**EventType:**Technical
Venue:CS-3	**NumberofParticipants:**28

Objective:

To encourage logical thinking, problem solving, and creativity among students through engaging technical challenges. To build teamwork, quick-decision, and innovation in approaching coding and puzzle-based problems.

Description:

TECHNOTRIBEisafun-filledtechnicaleventthatblendscodingwithcreativity.In Round 1, participants arranged jumbled code snippets into chal-
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Photos

Event Name: TECHSKEEM	
Name of the cell and Forum/society: CAA	
Date: 6th September, 2025	**Event Type:** Technical
Venue: CS 4	**Number of Participants:** 23
Objective: The objective of this event was to help the students to have a reflection their coding skills.	
Description: The session offered an engaging quiz on Java concepts followed by code snippets which helped them to revise all the basic fundamentals of programming.	
Outcome: By the end of the session, students gained some extra points they didn't know and showcased their coding skills and built confidence.	
Photos	
	

Event Name: VisionX	
Name of the cell and Forum/society: CAA	
Date: 11th September, 2025	**Event Type: Technical**
Venue: Civil-2	**Number of Participants: 30**
Objective: To share knowledge on new technologies, build practical understanding, and inspire innovation among participants.	
Description: The seminar was conducted by a student to share insights on a specific technical topic. It focused on explaining concepts, practical applications, and recent developments in the field, aiming to make learning more engaging and interactive.	
Outcome: Participants gained better understanding of the topic, improved their technical	

knowledge, and were motivated to explore and apply the concepts in their own learning or projects.

Photos

Event Name: CTRL your excitement

Name of the cell and Forum/society: CAA

Date: 13th Sep, 2025	**Event Type:** Tech-tainment
Venue: CS - 1	**Number of Participants:** 35

Objective:
To boost student involvement through gamified technical activities and encouraging active participation and collaborative learning among students.

Description:
The CTRL Your Excitement was a hands-on classroom event that made learning technology both fun and easy. It invited students to work together, take part in activities, and use their creativity.

Outcome:
The event successfully madestudents join, solve challenges, and kept their energy up. They grew more confident and learned by leaning on each other.

Photos

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EventName: Logo Code Quest	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA–IEEECIS**
Date:03-09-2025	**Event Type:Quiz on Tech logos & Companies**
Venue: ECS LH-4&ECS Lab-4	**NumberofParticipants:125**
Objective: To enhance awareness of tech branding and acronyms, fostering industry familiarity and professional communication among participants.	
Description of the event: The IEEE event featured an engaging quiz on "Tech Logos & Companies" and "Tech Acronyms," designed to test and expand participantsknowledge of industry branding and terminology. Through competitive rounds, attendees sharpened their tech vocabulary, gained corporate insights, and enjoyed a dynamic learning experience in a fun, interactive format.	
Outcome: Students gained knowledge on technical acronyms.	
Photos	
	

EventName:Guest lecture on "MACHINE LEARNING APPLICATION IN MEDICAL IMAGING"	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA–IEEECIS**
Date:06-09-2025	**Event Type:Guest Lecture**
Venue: ECS Labs-1,2,6	**NumberofParticipants:209**

Objective: To introduce participants to real-worldapplications of machine learning in medical imaging, highlighting its role in diagnostics,analysis, and healthcare innovation.

Description of the event: As a part of the student skill development program, the department of CSM organized a Guest lecture on "Machine Learning application in Medical Imaging" by Dr.T.R.GaneshBabu,Professor, Department of ECE, Muthayammal Engineering College, Rasipuram, Tamilnadu on 06-09-2025. He provided valuable insights into how machine learningenhances diagnostic accuracy, image segmentation, and disease detection. The session highlighted real-world use cases and future possibilities, offering participants a deeper understanding of AI's transformative impact on healthcare and the evolving role of engineers inmedical innovation.

Outcome: Students gained knowledge on various ML application in medical imaging.

Photos

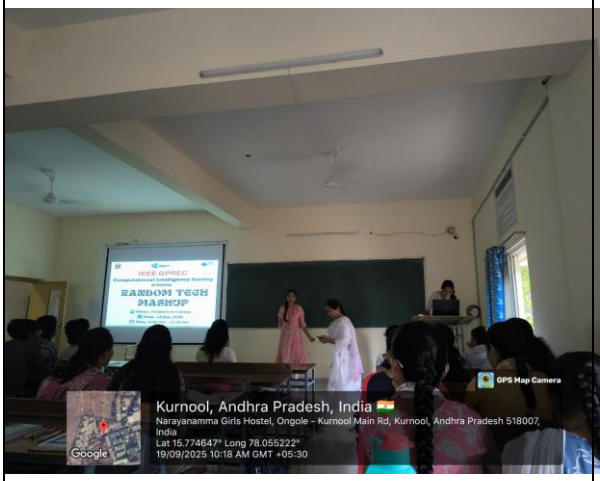
EventName:Random Tech Mashup	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA–IEEECIS**
Date:19-09-2025	**Event Type:Puzzle solving**
Venue: ECS LH-2	**NumberofParticipants:66**

Objective: To foster creative thinking and quick recognition skills by engaging participants in identifying popular tech brands and applications through emoji-based puzzles, thereby enhancing industry familiarity and digital communication in a fun, interactive way.

Description of the event: The IEEE event featured an puzzle solving on "Tech Logos & Companies" and "Tech Acronyms," designed to test and expand participants knowledge of industry branding and terminology. Through competitive rounds, attendees sharpened their tech vocabulary, gained corporate insights, and enjoyed a dynamic learning experience in a fun, interactive format. The total count of participants was 66.

Outcome: Students gained industry familiarity and digital communication.

Photos



G. PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS); KURNOOL
List of Student Activities conducted in the month of October- 2025

Civil Engineering Department
IE(I) Students Chapter

1. The GPREC of Civil Engineering Department conducted a Guest Lecture **on "Recent Advances in Concrete Technology and Construction Practices"** on 4th October, 2025 in **Seminar Gallery-1** by **Dr. Jagadish Vengala**, **Professor & Head, Dept of Civil Engineering, PVP Siddhartha Institute of Technology, Vijayawda** to the **III and V** semester students of GPREC. Topics discussed include concrete mix design as per revision code of practice on Concrete Technology, new materials available in the market to improve the strength of concrete and the opportunities for the young and fresh civil engineers in various construction companies. A total number of about 215 students and 15 members from Faculty of civil engineering department of GPREC(A) and engineers from R&D department of Kurnool District were participated in this session. The event was organized with the association of **Indian Concrete Institution, India and Ultratech Cements.** The event is co-ordinated by Dr. T. Sowjanya, Mr. S.V. Garita Reddy, Mr. M. Hemanth Kumar and Mr. M. Santhosh Kumar, Assistant Professors of CED.

2. The GPREC of Civil Engineering Department conducted a one day **Technical visit** on **11th October 2025** from 10:00 AM to 3:00 PM to the **"Indraprastha Residential and Commercial Building Project"**. During the site visit **Mr. K. Raghavendra Reddy, Director of KGR Builders and Developers, along with Mr. Y. Satyanarayana Reddy and Mr. Y. Suryanarayana Reddy, CEO of YNR Architects**, provided detailed insights into the planning, execution and quality control procedures followed by the engineers on-site. The site visit was accompanied, guided and supported the students of V semester throughout the visit by the faculty members Dr. Sowjanya, Sri Y. Yaswanth Kumar, Sri P. Manoj Kumar, Sri K. Sudhakar Reddy and Ms. C. Balasai for the benefit of the students.

Students Achievements:

1. J. Naveen (239X5A01C1) and K.Thirumal (229X1A0132) students of VII semester, CED Participated and own **1st Prize** in **the AVISHKAAR-2K25, A National Level Technical Symposium** under the IETE Student Forum by the **Department of Electronics and Communication Engineering**, **N.B.K.R. INSTITUTE OF SCIENCE & TECHNOLOGY, Vidyanagar, Nellore,** on **10th October, 2025.**

2. J. Naveen (239X5A01C1), U. Sambashiva Reddy(229X1A0143) and K. Chaitanya Kumar Reddy (229X1A0177) of VII semester student of CED, GPREC, shown his experimental work on "**Flood Guardian and Automated Elevated Buildings"** and won the **First Prize** in the **Paper Presentation** event in **NEXTGEN 2K25** organized

by **Srinivasa Ramanujan Institute of Technology (Autonomous), Anantapur,** on **15th October 2025.**

3.

<table>
<tr><td colspan="2">Event No.: 1</td></tr>
<tr><td colspan="2">Event Name: Guest Lecture</td></tr>
<tr><td>Name of the cell and Forum/society (CAA)</td><td>IEI students' Chapter, CE Department, GPREC</td></tr>
<tr><td>Date: 04-10-2025, 10:00 AM to 1:30 PM</td><td>Event Type: Awareness Program</td></tr>
<tr><td>Venue: Seminar Gallery-1
GPREC(A)</td><td>Number of Participants: The total no of students about 215 participated and about15 faculties and engineers from R&D department of Kurnool District are also present in the program.</td></tr>
<tr><td colspan="2">Objective:
To familiarize students with the latest developments and innovations in concrete technology and modern construction practices.
To provide knowledge on revised concrete mix design codes and the use of advanced materials to enhance concrete strength and durability.
To create awareness among students about emerging career opportunities and industrial trends in the field of civil engineering and construction.</td></tr>
<tr><td colspan="2">Highlights: The event was organized with the association of Indian Concrete Institution, India and Ultratech Cements. The event is co-ordinated by Dr. T. Sowjanya, Mr. S.V. Garita Reddy, Mr. M. Hemanth Kumar and Mr. M. Santhosh Kumar, Assistant Professors of CED.</td></tr>
<tr><td colspan="2">Outcome:
Students gained updated knowledge on recent advancements in concrete mix design and high-performance materials used in the construction industry.
Participants understood the practical aspects of implementing revised codes and standards in concrete technology.
The session inspired students to explore research and career opportunities in advanced construction technologies and material development.</td></tr>
<tr><td colspan="2">Photos</td></tr>
</table>

Event No.: 2	
Event Name: Technical Visit	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **11-10-2025, 10:00 AM to 3:30 PM**	**Event Type:** Awareness Program
Venue: Seminar Gallery-1 GPREC(A)	**Number of Participants:** The total no of students about 120 along with 5 faculties participated in this visit. The project developers gave insights.

Objective:

- To provide students with practical exposure to modern construction techniques and structural systems used in residential and commercial building projects.
- To help students understand the various stages of construction, including foundation, substructure, and superstructure works, and the materials used.
- To enhance students' knowledge of project management practices, quality control

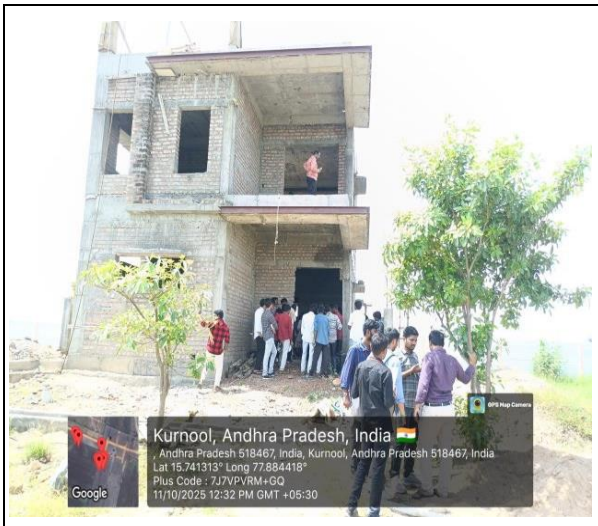
measures, and sustainable construction methods followed on-site.

Highlights: Mr. K. Raghavendra Reddy, Director of KGR Builders and Developers, along with Mr. Y. Satyanarayana Reddy and Mr. Y. Suryanarayana Reddy, CEO of YNR Architects, provided detailed insights into the planning, execution and quality control procedures followed by the engineers on-site. .

Outcome:

- Students gained hands-on understanding of real-time construction processes, material selection, and structural detailing as per industry standards.
- Participants learned about the practical implementation of RCC design principles, curing techniques, and quality assurance procedures.
- The visit enriched students' awareness of sustainable practices like the use of fly ash bricks, waterproofing, and thermal insulation for eco-friendly construction.

Photos



Students Achievements:

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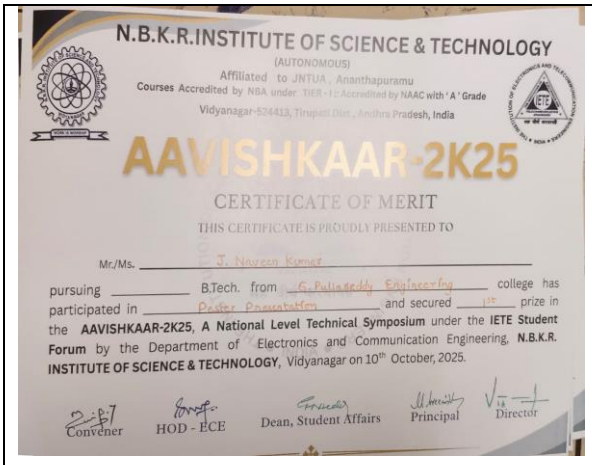

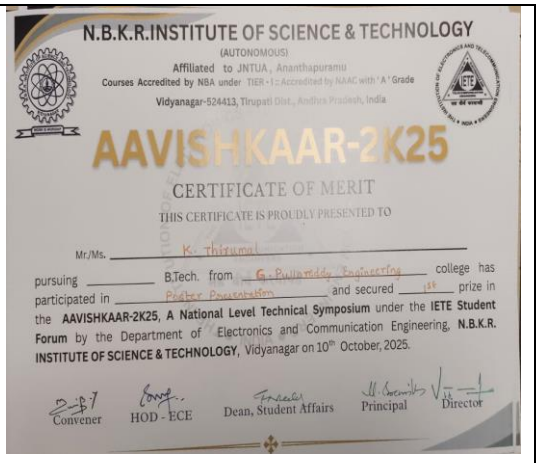

2. J. Naveen (239X5A01C1), U. Sambashiva Reddy(229X1A0143) and K. Chaitanya Kumar Reddy (229X1A0177) of VII semester student of CED, GPREC, shown his experimental work on "**Flood Guardian and Automated Elevated Buildings"** and won the **First Prize** in the **Paper Presentation** event in **NEXTGEN 2K25** organized by **Srinivasa Ramanujan Institute of Technology (Autonomous), Anantapur,** on **15th October 2025.**

Electrical & Electronics Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Quantum Algorithms – Programming using QISKIT by Resource person Dr. K Sree Gowri Professor, EEE dept,GPREC, during 27-09-2025 and total of 29students attended this Program.
2. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Future Ready: Training and Placement Awareness by The III B.Tech EEE studens Mr Yunus and Mr. Rakesh Reddy conducted during 09-10-2025 and total of 31 students attended this Program.
3. The GPREC IE(I)of Electrical and Electronics Engineering Department organized Industrial Visit at Malyala Lift Irrigation Project, Kurnool in association with IEEE. During 11-10-2025 and total of 62 students attended this program.

Event Name: Quantum Algorithms – Programming using QISKIT	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:27-09-2025	**Event Type: Technical Event**
Venue: Computer Lab-1,EEEBLOCK-I	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 29**

Objective: To enable engineering students to understand the fundamentals of quantum computing and develop hands-on experience in implementing quantum algorithms using Qiskit, focusing on qubits, quantum gates, superposition, entanglement, and basic quantum circuits for problem-solving applications.

Description: Resource Person Dr. K Sree Gowri Professor, EEE dept,GPREC described This program introduces engineering students to the emerging field of quantum computing and its revolutionary impact on computation. It provides foundational knowledge of quantum mechanics principles such as superposition, entanglement, and quantum interference. Students will learn how quantum bits (qubits) differ from classical bits and how they form the basis of quantum computation. The course focuses on quantum logic gates, quantum circuits, and algorithm design using the Qiskit framework developed by IBM. Through interactive sessions, learners will explore how to simulate and run quantum programs on real quantum hardware. Key algorithms like Deutsch-Jozsa, Grover's Search, and Shor's Algorithm are implemented to demonstrate quantum advantage. Students will gain skills in Python-based quantum programming and circuit visualization. The course also emphasizes practical experimentation through cloud-based quantum computers. By the end, students will understand how quantum algorithms outperform classical ones in certain tasks. They will develop analytical and computational thinking suitable for quantum information processing. The program bridges theory with practice, preparing students for research and innovation in quantum technologies.

Outcome: Students will be able to design and implement basic quantum algorithms using **Qiskit**, understand the principles of **quantum computation and qubit operations**, simulate quantum circuits on real or virtual quantum hardware, and apply quantum programming concepts to solve computational problems efficiently.

Photos


Kurnool, Andhra Pradesh, India
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Q3f4+qcw, Kurnool, Andhra Pradesh 518007, India
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Event Name: Future Ready: Training and Placement Awareness	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:09-10-2025	**Event Type:** Career development
Venue: EEE Class room	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 31**

Objective: To prepare students for future career opportunities by enhancing their employability skills, creating awareness about training and placement processes, and guiding them to align their technical knowledge, soft skills, and professional goals with industry requirements.

Description: The III B.Tech EEE studens Mr Yunus and Mr. Rakesh Reddy described The *Future Ready: Training and Placement Awareness* program is designed to equip students with the necessary skills and knowledge to succeed in today's competitive job market. It provides insights into the training and placement process, including resume building, aptitude preparation, group discussions, and interview techniques. The program emphasizes the importance of soft skills, communication abilities, and professional etiquette for workplace success. Students are guided on how to identify their career interests and set achievable goals aligned with industry trends. It also introduces them to emerging technologies and job domains relevant to their engineering discipline. Expert sessions and interactive workshops help students understand recruitment procedures of leading companies. The program promotes self-confidence, adaptability, and problem-solving abilities. It encourages students to continuously upgrade their skills through certifications and internships. Real-world case studies and alumni interactions are used to share placement experiences and strategies. The initiative bridges the gap between academic learning and industry expectations, preparing students for both technical and non-technical roles. Ultimately, it aims to make students future-ready professionals capable of thriving in dynamic career environments.

Outcome: Students will gain a clear understanding of the training and placement process, develop strong communication, aptitude, and interview skills, and become industry-ready professionals capable of securing suitable employment opportunities in their chosen fields.

Photos

Event Name: Industrial Visit to Malyala Lift Irrigation Project	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:11-10-2025	**Event Type:** Technical
Venue: Malyala, Kurnool (Dt)	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 62**

Objective: **To provide engineering students with practical exposure to large-scale water resource management by visiting the Malyala Lift Irrigation Project in Kurnool, helping them understand the design, operation, and control mechanisms of lift irrigation systems, including pumping stations, canal distribution, and power utilization for sustainable water conveyance.**

Description: **The industrial visit to the Malyala Lift Irrigation Project in Kurnool is organized to give engineering students a real-time understanding of irrigation engineering and hydraulic systems. This visit helps students observe the mechanical, electrical, and civil components involved in a large-scale lift irrigation project. They will learn how water is lifted from lower reservoirs to higher elevations using high-capacity pumps and motors. The visit provides insights into pipeline design, control valves, and energy management techniques used for efficient water transfer. Students will also study the SCADA and automation systems that monitor and control water flow. Interaction with project engineers enables them to understand the planning, design, and execution challenges in such infrastructure projects. The visit bridges the gap between theoretical concepts and field applications, enhancing their technical knowledge. It also emphasizes the importance of sustainable water management and rural development through irrigation. Overall, this experience strengthens students' practical understanding of hydraulic structures, power systems, and project management, preparing them for real-world engineering applications.**

Outcome: **Students will gain practical knowledge of lift irrigation system operations, understand the integration of civil, electrical, and mechanical components, and develop insights into project planning, water management, and energy utilization in large-scale irrigation projects.**

Photos

Mechanical Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of Mechanical Engineering Department arranged hands on session on "Empowering Placements: Leveraging Online Tools for Career Success" on 3rd October 2025. A total of 58 students participated.
2. The GPREC IE(I) Student Chapter of Mechanical Engineering Department conducted A Guest lecture by Industry expert on “From Design to Deployment: Real – World Insights into HVAC Engineering” by Kiran Kumar J P, MD, VK Building Services Pvt., Ltd, Bangalore. on 10th October 2025. Total 225 members attended this program.

Dt. 04-10-2025

Event Name: "Empowering Placements: Leveraging Online Tools for Career Success"	
Name of the cell and Forum/society (CAA)	IE(I) ME Department
Date: 3rd October 2025 (11:50 – 12:40 PM)	Event Type: Hands on Session
Venue: CAD - LAB	Number of Participants: 58
Resource Person:	
Objective: To guide students in effectively using digital resources for aptitude practice, coding skill improvement, resume building, and interview preparation. To empower students to take a proactive and tech-driven approach toward achieving placement success.	

Description: The event focused on demonstrating the use of various online platforms for aptitude tests, coding practice, technical assessments, resume and portfolio building, and mock interviews. Participants were introduced to popular platforms such as Hacker Rank, Leet Code, Geeks for Geeks, and LinkedIn Learning, and learned effective strategies to utilize them for continuous improvement. The session also included interactive demonstrations and real-time discussions that helped students understand how to leverage these resources to strengthen their skills and boost employability.
Outcome: Identify and utilize key online platforms for placement preparation. Develop personalized study plans using digital tools for aptitude, technical, and soft-skill enhancement.
Photos

Dt. 11-10-2025

Event Name: Technical Talk by Industry expert on “From Challenge to Change: How Design Thinking Transforms Ideas into Solutions”	
Name of the cell and Forum/society (CAA)	IE(I) ME Department
Date: 10th October 2025 (11:00 to12:30 PM)	Event Type: Technical Talk by Industry expert
Venue: SG-2	Number of Participants: 225
Resource Person: Kiran Kumar J P, MD, VK Building Services Pt., Ltd, Bangalore	
Objective: The primary objective of this session is to introduce participants to the concept of *Design Thinking* as an innovative problem-solving methodology. The talk aims to help students understand how creative and user-centered approaches can be applied to convert challenges into practical and impactful solutions in real-world contexts.	
Description: The technical talk featured an industry expert who shared valuable insights on the process and importance of Design Thinking in today’s dynamic innovation landscape. The session covered the fundamental stages of Design Thinking — *Empathize, Define, Ideate, Prototype,* and *Test* — and demonstrated how each step contributed to creating user-focused solutions. Students	

also had the opportunity to engage in a Q&A session, where they gained a clearer understanding of how Design Thinking principles are applied across industries to drive innovation and problem-solving.

Outcome: The session enhanced creative problem-solving and analytical skills among students. Attendees learned how to apply design-driven approaches to academic projects and real-world challenges.
The talk inspired students to adopt a mindset of curiosity, collaboration, and continuous improvement in their professional journeys.

Photos

Electronics & Communication Engineering Department
IE(I) Students Chapter

Nil

Computer Science & Engineering Department
IE(I) Students Chapter

- IEI Student Branch, Department of CSE, organized General knowledge Fiesta 25-09-2025 from 2.30 pm to 3.20 pm. Number of students who participated in the event was 42.
- IEI Student Branch, Department of CSE, organized Tech Explorers 26-09-2025 from 2.30 pm to 3.20 pm. Number of students who participated in the event was 48.
- IEI Student Branch, Department of CSE, organized SparkX **o**n 11-10-2025 from 2.30 pm to 3.20 pm. Number of students who participated in the event was 48.

Event Name : General knowledge Fiesta	
Name of the cell: CAA	
Date : 25-09-2025	Event type: technical and general
Venue: CS-4	No.of participants:42

Objective :

To broaden participants' awareness of current affairs and general knowledge while improving their ability to think quickly and articulate answers under pressure.

The event aims to encourage curiosity, critical thinking and a lifelong habit of staying informed qualities that help in academic competitions, interviews and everyday decision-making.

Highlights:

Multiple exciting rounds such as Current Affairs, History & Culture, Science & Technology, and Sports & Entertainment. Questions designed to match the style of competitive exams and placement tests, making the learning both useful and enjoyable.

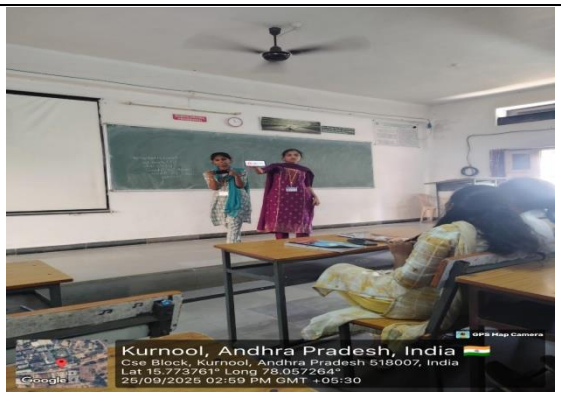
Outcome:

Participants will develop strong general awareness and the ability to recall key facts quickly.

Improved confidence and communication skills useful for group discussions and interviews.

Better preparation for competitive exams that demand up-to-date knowledge of national and international events.

Photos:



Event Name: Tech Explorers	
Name of the cell: CAA	
Date:26-09-2025	**Event Type: Technical Type**
Venue:CS-3	**Number of Participants: 48**

Objective:

The main objective of the event is to participate everyone in the quiz organized by the IEI Student Chapter. This event aims to enhance coding and debugging skills in JAVA There's also a Non-Technical segment which is related to logical thinking to improve the students creative thinking capacity.

Highlights:

The highlight of the event was both boys and girls gave their best effort and great competitive spirit among them. In this event there are 2 teams A; B At last both A and B teams stood as a winner in overall rounds. Everyone who participated in the event gave their best in giving answers.

Outcome:

The outcome of this event is like a revision to all the technical languages like JAVA. It is very helpful to the participants in improving their coding skills and debugging skills. Participants can identify their coding areas where they need to improve their technical knowledge.

Photos:

Event Name: SparkX	
Name of the cell: CAA	
Date:11-10-2025	**Event Type: General and Technical Type**
Venue:CS-1	**NumberofParticipants:48**

Objective:

The main objective of the event is to participate everyone in the “” quiz organized by the IEI Student Chapter. This event aims to enhance coding and debugging skills in JAVA and ADSA(Algorithms and Data Structures).There’s also a Non-Technical segment where participants need to identify a logo and riddles.

Highlights:

The highlight of the event was both boys and girls gave their best effort and great competitive spirit among them. In this event there are 4 teams a, b, c, d. At last b team stood as winners in overall rounds. Everyone who participated in the event gave their best in giving answers.

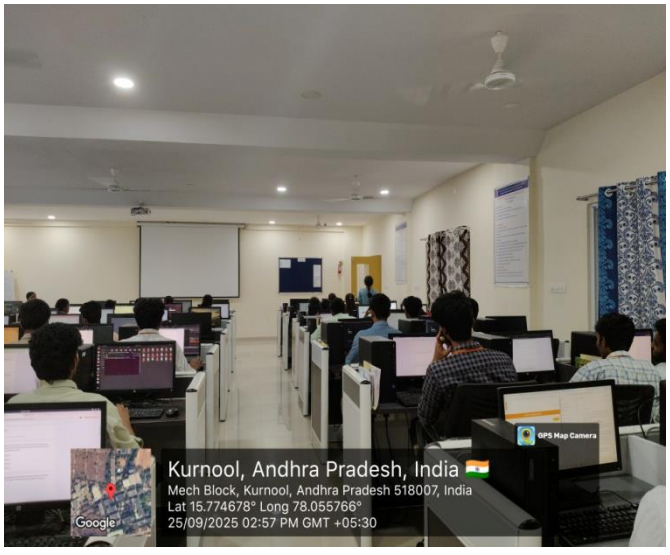
Outcome:

The outcome of this SparkX event is like a revision to all the technical languages like ADSA, Java. It is very helpful to the participants in improving their coding skills and debugging skills. Participants can identify their coding areas where they need to improve their technical knowledge.

Photos:

Department of Computer Science Engineering AI & ML (CSM)

1. IEI Student Branch, Department of CSM, organized **Brain Gym** 2.0 on 25-**09-2025** from 2.30 pm to 3.20 pm. Number of students who participated in the event was 146.
2. IEI Student Branch, Department of CSM, organized **guest lecture on "Career software engineering"** on 20-**09-2025** from 2.30 pm to 3.20 pm. Number of students who participated in the event was 150.

Event Name: BRAIN GYM 2.O	
Name of the cell and Forum/society (CAA)	IE(I) CSM Department
Date: 25th **September 2025** (2:30 – 3:20 PM)	Event Type: Technical
Venue: Respective Labs and classes	Number of Participants: 146
Objective: Brain Gym is a quiz event which has aptitude questions captured from top MNCs.	
Description: Brain Gym is an aptitude quiz event which is informed to the students one week in advance about the topics where they have to prepare for efficient upskilling.In this event 20 MCQs on specified Aptitude topics is prepared from a set of captured questions from top MNCs.This event is conducted in labs specified in the circular. IEI incharge and faculty coordinators monitor the students during the quiz test. Students need to complete the test within 30 mins.	
Outcome: Brain Gym Quiz is conducted in the specified CSM lab venues. Participants score and Key for the quiz with step by step solution is released by 26th September 2025 to assess their strength and act accordingly	
Photos	
	

<table>
<tr><td colspan="2">Event Name: Guest Lecture on “Career in Software Engineering”.</td></tr>
<tr><td>Name of the cell and Forum/society</td><td>CAA – IEI</td></tr>
<tr><td>Date:20th September 2025 (11:00AM – 12:30 PM)</td><td>Event Type: Technical</td></tr>
<tr><td>Venue: CSM LAB-7</td><td>Number of Participants:150</td></tr>
<tr><td colspan="2">Objective:

The main objective of this session is to create awareness career in Software Engineering.</td></tr>
<tr><td colspan="2">Description:As a part of the student skill development program, the department of CSM is organizing a Guest Lecture event in association with IEI Student’s Chapter called “Career in Software Engineering” for the benefit of students by Mr. D.Chenna Keshava Reddy, Data and BI Engineer, TCS. A Guest lecture was planned with the Industry expert in the domain to hare relevant experiences and give awareness on industry environment in web development and Software engineering areas. This event was conducted in LAB-7 CSM department where students were provided with an opportunity to interact with the guest faculty and gain informative inputs .</td></tr>
<tr><td>Outcome:</td><td>Students actively participated in the event.</td></tr>
<tr><td colspan="2">Photos</td></tr>
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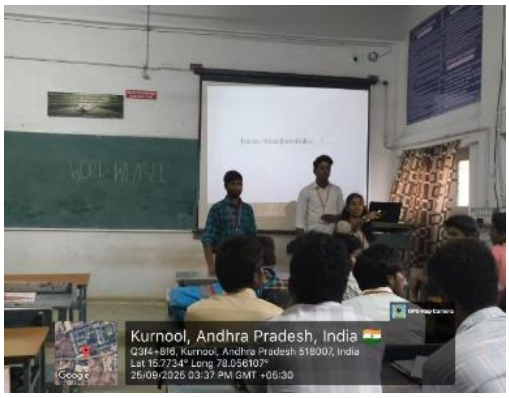
ISTE Students Chapter

1. An event “Word Weasel” was conducted for the students of II year, III year and IV year B. Tech students of all branches on 25.09.2025 from 3.30 PM to 4.30 PM. The total number of students participated is 38.
2. An event “Tips to prepare Exams to students” was conducted for the students of II year, III year and IV year B. Tech students of all branches on 10.10.2025 from 3.30 PM to 4.30 PM. The total number of students participated is 42.

<table>
<tr><td colspan="2">Event Name : World Weasel</td></tr>
<tr><td>Name of the cell and Forum/society (EAA/NSS/VSC/CAA)</td><td>CAA</td></tr>
<tr><td>Date:25-09-2025</td><td>Event Type : ISTE STUDENTS CHAPTER: 2025-2026</td></tr>
<tr><td>Venue : CE BLOCK-2-GROUND FLOOR-CE-3</td><td>Number of Participants : 38</td></tr>
<tr><td colspan="2">Objective:

To create an interactive and fun experience for students through activities related to the theme of weasels. To encourage teamwork and problem-solving through fun challenges that test participants' "weasel-like" agility or wit.</td></tr>
<tr><td colspan="2">Highlights:

• Clues involve solving engineering puzzles and riddles.
• Encourages teamwork, logic, and problem-solving.</td></tr>
<tr><td colspan="2">Outcome:

World weasel is to improve your knowledge</td></tr>
<tr><td colspan="2">Photos</td></tr>
<tr><td> 
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Event Name: **Tips to Prepare for Exams to students**	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	Indian Society for Technical Education (ISTE) (CAA)
Date:10-10-2025	**Event Type:** Tips to prepare exams
Venue:G. Pulla Reddy Engineering College Kurnool, Mechanical block-1	**Number of Participants: 42**
Objective: For helping second, third, and fourth-year B.Tech students in establishing efficient study habits and techniques that will improve their learning, time management, and exam stress in order to improve their academic success.	
Highlights: The seminar covered topics such as how to utilize the best of your exam time, smart study tactics, attention and concentration, stress management, and maintaining a positive attitude during the session.	
Outcome: Students improved their academic performance, learnt better time management, reduced exam stress, and had a great learning experience.	
Photos	
	
	

CSI Student Branch

List of activities done under IEEE STB 15721

IEEE WIE AG (SBA15721), IEEE PES SBC 15721B, IEEE PELS SBC 15721F, IEEE IAS SBC 15721E, IEEE RAS SBC15721G

1. IEEE-WIE organized an event **'KHEL-LAX on account of IEEE Day** on **11hth October, 2025** from **11:00 AM to 3.00 PM** at Seminar Gallery-
2. IEEE- WIE organized an event '**Techno-Share"** on **15th October, 2025** from **2.30 PM to 3.30 PM** at CS – 2.

Event Name: KHEL-LAX (On account of IEEE Day)	
Name of the cell and Forum/society : IEEE-WIE in association with all IEEE forums	
Date: 11/10/2025	**Event Type:** Fun Activity
Venue: Seminar Gallery	**Number of Participants:** 60 IEEE: 50 Non- IEEE: 10
Objective: The *KHEL-LAX* event was organized as part of IEEE Day celebrations to encourage interaction, teamwork, and stress relief among IEEE ExCom members and student volunteers. The event aimed to strengthen bonding within the IEEE community while promoting creativity and a spirit of collaboration through lighthearted and engaging activities.	
Highlights: The event brimmed with laughter and teamwork as participants engaged in lively games such as Tug of War, Dumb Charades, Art Challenge (Dumbstal Arts), Balloon Relay, and Guess the Song. Friendly competition, cheering, and creativity filled the air, while snacks and music added to the fun vibe. *KHEL-LAX* truly embodied the IEEE Day spirit — a joyful fusion of play, relaxation, and unity.	
Outcome: The *KHEL-LAX* event successfully strengthened the bond between IEEE members and volunteers through interactive and enjoyable activities. It boosted communication, teamwork, and morale while helping participants unwind from their busy schedules. The event concluded with laughter, group photos, and memorable moments that highlighted the strong sense of togetherness within the IEEE community.	
Photos	
	
	

Event Name: Techno- Share	
Name of the cell and Forum/society: IEEE -WIE	
Date: 15-10-25	**Event Type:** Technical
Venue: CS - 2	**Number of Participants: 30**

Objective:
To create an interactive and engaging environment where students can share their technical knowledge on buzzing techno areas.

Description:

The event involved presentations related to emerging technologies, encouraging critical thinking and knowledge sharing.

Outcome:

Students actively participated and gave presentation on various technologies. The session fostered a learning experience while enhancing collaboration and knowledge sharing.

Photos

Information Theory Society Students Chapter (SBC15721D)

&

IEEE Communications Society Students Chapter (SBC15721)

&

IEEE Microwave Theory and Techniques Students Chapter (SBC15721)

&

IEEE Sensors Council (SBC15721H

1. IEEE GPREC IT SOCIETY in association with IEEE GPREC SENSORS COUNCIL conducted a two-day session on **"MATLAB Made Simple: Signal Processing Essentials"** on 7th to 8th October 2025. The number of participants is 35.
2. IEEE IT SOCIETY organized a **Puzzle Challenge** event **"Brain Burner"** on 29th September 2025. The number of participants are 40.
3. IEEE IT SOCIETY conducted a two-day session on **"MATLAB Made Simple: Signal Processing Essentials"** on 7th and 8th October 2025. The number of participants is 35.
4. IEEE GPREC IT SOCIETY conducted **"VOXTECH"** on 11th October 2025. The number of participants is 42.

Event Name: MATLAB Made Simple: Signal Processing Essentials	
Name of the cell and Forum/society :CAA	**CAA – IEEE IT SOCIETY & IEEE Sensors Council**
Date:7-10-2025 and 8-10-2025	**Event Type: Guest Lecture**
Venue: IoT Lab, GPREC, Kurnool	**Number of Participants: 35**
Objective: The session aims to introduce students to the fundamental concepts of signal processing using MATLAB. It focuses on enhancing students' understanding of signal generation, analysis, and visualization techniques, while familiarizing them with MATLAB's powerful tools for engineering computation and simulation.	
Description of the event: Resource Persons Dr. M.V.R Vittal and Dr. D.Rajasekhar had given insights to the student community on how to use MATLAB for various applications.	
Outcome: By the end of the session, students were able to apply MATLAB for basic signal processing tasks, such as generating continuous and discrete-time signals, performing Fourier analysis, and visualizing time and frequency domain responses. The session improved their practical understanding of digital signal processing concepts and strengthened their ability to use MATLAB effectively in future laboratory and project work.	
Photos	
	

Event Name: Brain Burners	
Name of the cell and Forum/society **(EAA/NSS/VSC/CAA)**	**GPREC IEEE IT Society**
Date: 25/09/2025	**Event Type: Fun Quiz/Puzzle Challenge**
Venue: ECE Block 1	**Number of Participants: 40**
Objective: The objective of the event "Brain Burners" was to engage participants in a series of fun yet thought-provoking activities involving funny aptitude questions, rebus puzzles, and logical challenges. The aim was to stimulate critical thinking, enhance problem-solving skills, and create an enjoyable learning experience that combined knowledge with entertainment.	
Description of Event: "Brain Burners" was an interactive and entertaining session designed to challenge the participants' reasoning and creativity through a collection of witty aptitude questions, tricky rebus puzzles, and logic-based riddles. Participants worked in teams to solve the puzzles within a limited time, promoting collaboration and active engagement. The questions were designed to be both educational and humorous, allowing everyone to learn while having fun.	
Outcome: The event concluded successfully with active participation and enthusiastic responses from all teams. Participants expressed that the activities helped sharpen their logical thinking while also providing a refreshing break from routine academics. The event promoted teamwork, quick decision-making, and creativity in approaching problems. Two teams with the highest scores were declared winners and were appreciated with prizes for their performance and presence of mind.	
Photos	
	

Event Name: MATLAB Made Simple: Signal Processing Essentials	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE IT SOCIETY**
Date:7-10-2025 and 8-10-2025	**Event Type: Guest Lecture**
Venue: IoT Lab, GPREC, Kurnool	**Number of Participants: 35**
Objective: The session aims to introduce students to the fundamental concepts of signal processing using MATLAB. It focuses on enhancing students' understanding of signal generation, analysis, and visualization techniques, while familiarizing them with MATLAB's powerful tools for engineering computation and simulation.	
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and visualizing time and frequency domain responses. The session improved their practical understanding of digital signal processing concepts and strengthened their ability to use MATLAB effectively in future laboratory and project work.

Photos

Event Name: "VOXTECH"

Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE IT SOCIETY**
Date:11-10-2025	**Event Type: Debate**
Venue: SG-2, GPREC, Kurnool	**Number of Participants: 42**

Objective: The To encourage participants to express ideas confidently, think critically, and collaborate effectively through debate and tech charades. The event aims to blend communication skills with creativity and technical knowledge in an engaging manner.

Description of the event: As a part of IEEE day 2025 celebrations IEEE IT Society has conducted a debate -VOXPOINT and TECHVIBE Interactive tech charades for Excom members of all GPREC IEEE societies.

Outcome: Participants enhance analytical thinking, teamwork, and presentation abilities while gaining confidence and deeper insights into technology.

Photos

IEEE Computer Society Students Chapter (SBC15721C)

&

IEEE Computational Intelligent Society Students Chapter (SBC15721H)

1. IEEE-CS organized an event '**CyberNova'** on **9th October, 2025** from **11:00 AM to 11:50 AM** at ECE-10.

2. IEEE-CS organized a webinar '**QuantmX'** on **10th October, 2025** from **06:00 PM to 07:00 PM** over Google Meet.

3. IEEE-CS organized an event **'AlgoQuest'** on **15th October, 2025** from **01:40 PM to 2:10 PM** at ECE-10.

4. IEEE- CS organized an event '**Administrative Meeting'** on **17th October, 2025** from **03:20 PM to 4:00 PM** at CS – 1.

Event Name: CyberNova

Name of the cell and Forum/society: CAA

Date: 9th Oct, 2025	**Event Type:** Technical
Venue: ECE-10	**Number of Participants: 42**

Objective:

To understand core principles of Object-Oriented Design and their application in software development. The seminar aims to enhance participants' skills in designing.

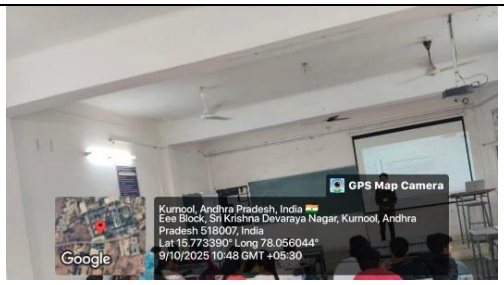
Description:

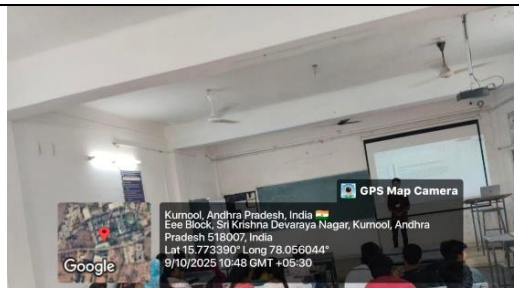
The seminar on *Object-Oriented Design and Technologies* explores key OOP concepts like classes, objects, inheritance, and polymorphism. It highlights their role in creating modular, reusable, and efficient software systems using modern design approaches.

Outcome:

Participants will understand object-oriented design fundamentals and their practical applications.They will be able to design modular using OOP principles.

Photos





Event Name: QuantumX: The Future Starts Here	
Name of the cell and Forum/society: CAA	
Date: 10th Oct, 2025	**Event Type:** Technical
Venue: Online	**Number of Participants:** 49

Objective:

Introduce the fundamentals of quantum science and its real-world impact—making complex ideas accessible, inspiring innovation, and sparking curiosity across disciplines.

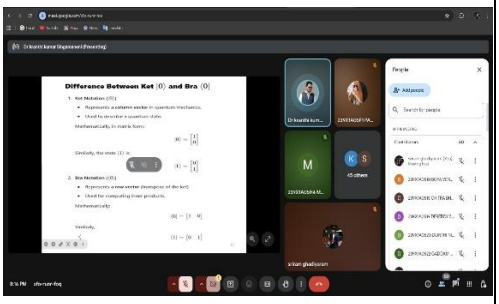
Description:

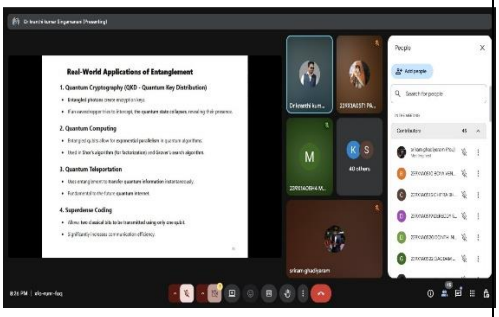
This webinar is a beginner-friendly session on quantum science. You'll learn what quantum means, how it works, and why it matters. Experts will share simple explanations and exciting examples from real life.

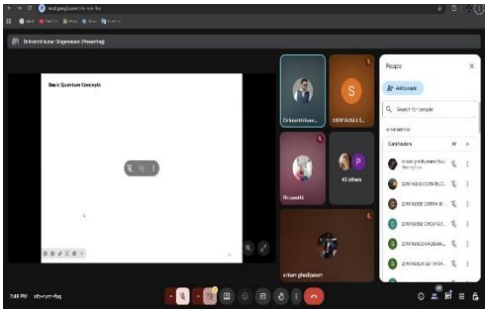
Outcome:

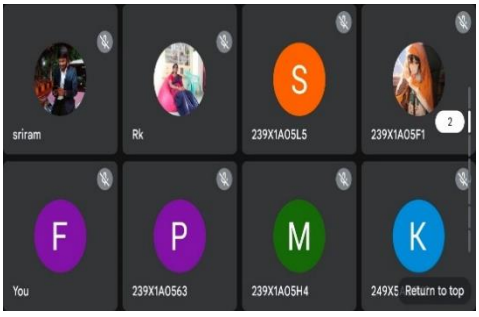
Understand basic quantum concepts. Know how quantum is used in technology today. Get inspired to learn more or explore careers in quantum science

Photos









Event Name: AlgoQuest

Name of the cell and Forum/society: CAA

Date: 15th Oct, 2025	**Event Type:** Technical
Venue: ECE-10	**Number of Participants: 52**

Objective:

The objective of this event was to make the participants apply their Coding and Logical abilities to answer the questions presented in PowerPoint Presentation.

Description:

The session focused on improving participants' coding and error-identification skills through interactive coding exercises. Participants actively solved coding questions and demonstrated reasoning abilities to detect errors in the given programs.

Outcome:

Participants enhanced their coding and debugging skills through practical exercises. They developed improved reasoning and analytical abilities for error detection in programs.

Photos

Event Name: ACTION PLAN MEETING

Name of the cell and Forum/society: CAA

Date: 10th Oct, 2025	**Event Type:** Administrative
Venue: CS - 1	**Number of Participants:** 11

Objective:

To introduce the newly joined 2nd -year members to the IEEE Computer Society, outline the chapter's objective, and discuss the action plan for upcoming activities. The meeting also aimed to establish collaboration between the members for smoother execution of future
events under the guidance of the faculty advisor

Description:

The meeting served as orientation for juniors, where senior members and the faculty advisor explained the club's goals, upcoming events, and responsibilities. Collaborative discussions were held to assign roles and outline future initiatives

Outcome:

Juniors gained clarity on the club's functioning, event planning process, and teamwork expectations. The team finalized an initial action plan and strengthened coordination between juniors, seniors, and the faculty advisor.

Photos

G. PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS); KURNOOL
List of Student Activities conducted in the month of November/December- 2025

Civil Engineering Department
IE(I) Students Chapter

1. The GPREC of Civil Engineering Department conducted "**Paper abridge Model Making Contest"** on 20th December 2025 in **Transportation Engineering Laboratory,** CED. A total of 12 teams participated in the competition, with each team consisting of three members. The models were evaluated based on creativity, structural concept, presentation, and feasibility. **Prizes** were awarded to the **first, second, and third place winners** in recognition of their outstanding performance. The entire event was efficiently organized by the student coordinator, **Md. Firoz,** a third-year Civil Engineering student. The program was successfully coordinated by Dr. T. Sowjanya and Mr. M. Hemanth Kumar, Assistant Professors, Department of Civil Engineering.

2. The GPREC of Civil Engineering Department conducted "**Importance of compression members in buildings"** in CE4 classroom**.** The total no of 40 students along with 1 faculty participated in this event. The event was conducted in the classroom and all the students of 4th semester and students were participated actively under the supervision of Dr. D. V Sreenivasulu, Assistant Professor of CED.

3. The GPREC of Civil Engineering Department conducted **"Self healing concrete"** in CE6 classroom by Vijay. The total no of 34 students along with 1 faculty participated in this event. The event was conducted in the classroom and all the students of 6th semester and students were participated actively under the supervision of Dr. Siva Krishna Reddy, Assistant Professor of CED.

4. The GPREC of Civil Engineering Department conducted **"Importance and Preparation for competitive exams (Gate, IES, SSC JE)"** for VI sem a section as the students are preparing for the GATE exam in the month of February. The organization of questions from each subject and elimination process of uncertain questions and the shortcut answers were clearly explained by Dr. E. Ganesh, Assistant Professor of CED.

5. The GPREC of Civil Engineering Department conducted **"Mind Psychology"** for IV sem A-section students in Classroom CE-3. Assistant Professor of CED. A total of 58 students were participated actively and the session was delivered by **Jyothirmai** Madam, A famous **Psychologist** in Kurnool City. She delivered about goal setting, time management and team work profits. The session was organized by Dr. T. Sowjanya, IEI students' chapter In charge. Ms. J. Sravani, Assistant Professor of CED also participated in the event.

6. The GPREC of Civil Engineering Department conducted "**Goal Setting and Future Achievements**" for VI sem B-section students in Classroom A total of 45 students were participated actively and the session was delivered by **Jyothirmai** Madam, A famous **Psychologist** in Kurnool City, delivered about law of attraction, visualization and manifestation. The session was organized by Dr. T. Sowjanya, IEI students' chapter In charge and Assistant Professor of CED.

Students Achievements:

1. J. Naveen (239X5A01C1) and K.Thirumal (229X1A0132) students of VII semester, CED Participated and presented a paper on "**Auto Elevated Buildings with IoT"** and own **Best Paper Award** under **Robotics, Automation and Control** Category in **the ShOdhaYAntrikl-25,** the 5th Annual Research Symposium, conducted by Department of Mechanical, Materials and Aerospace Engineering **on 1st and 2nd of December 2025, Indian Institute of Technology, DhArwAd.**

Event No.: 1	
Event Name: Paper Bridge Model Making Contest	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **20-12-2025, 11:50 AM to 1:30 PM**	**Event Type:** Model Development
Venue: Transportation Engineering Laboratory. CED. GPREC(A)	**Number of Participants:** The total no of 12 teams with each team three students participated.

Objective:

- To enhance students' understanding of bridge engineering concepts through hands-on model making.
- To promote teamwork, creativity, and problem-solving skills among students.
- To provide a platform for students to apply theoretical knowledge to practical engineering challenges.
- To motivate students to explore sustainable and economical bridge design ideas.

Highlights: The entire event was efficiently organized by the student coordinator, Md. Firoz, a third-year Civil Engineering student. The program was successfully coordinated by Dr. T. Sowjanya and Mr. M. Hemanth Kumar, Assistant Professors, Department of Civil Engineering.

Outcome:

- Students gained practical exposure to bridge design and construction concepts.
- Improved teamwork, communication, and presentation skills among participants.
- Enhanced interest in transportation and structural engineering domains.
- Encouraged innovative thinking and application-oriented learning.

Photos

Event No.: 2	
Event Name: Importance of compression members in buildings	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **20-12-2025, 11:50 AM to 12:40 PM**	**Event Type:** Importing Technical Knowledge
Venue: CE 4, CED, GPREC(A)	**Number of Participants:** The total no of 40 students along with 1 faculty participated in this event.

Objective:

- To understand the role and significance of compression members in building structures.
- To study the load-carrying mechanism and failure modes of compression members.
- To create awareness about proper design considerations, such as slenderness ratio and material strength.
- To highlight the importance of compression members in ensuring structural safety and

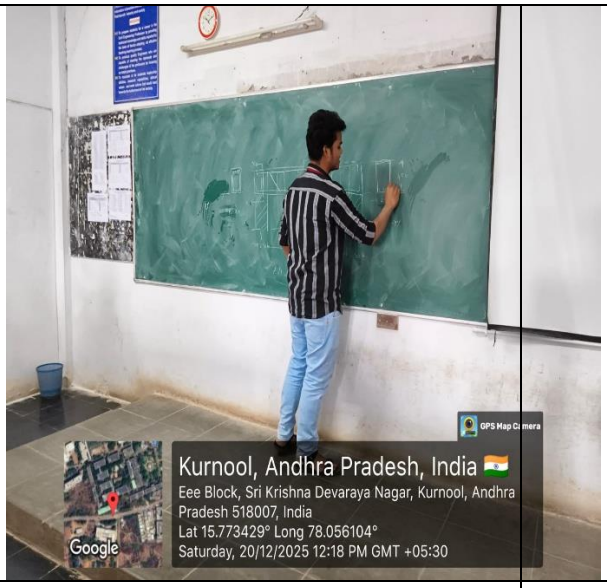
serviceability.

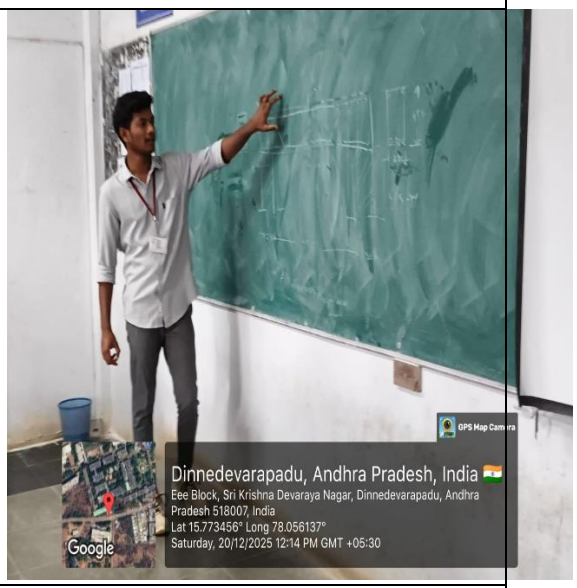
Highlights: The event was conducted in the classroom and all the students of 4th semester were participated actively under the supervision of Dr. D. V Sreenivasulu, Assistant Professor of CED.

Outcome:

- Students gained a clear understanding of the function of compression members in buildings.
- Improved knowledge of different types of compression members and their applications.
- Enhanced awareness of design and safety aspects related to columns and load-bearing elements
- Strengthened conceptual understanding of structural behavior under compressive loads.

Photos





Event No.: 3	
Event Name: Self -healing Concrete	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **20-12-2025, 11:50 AM to 12:40 PM**	**Event Type:** Importing Technical Knowledge
Venue: CE 6, CED, GPREC(A)	**Number of Participants:** The total no of 32 students along with 1 faculty participated in this event.

Objective:

- To introduce the concept and significance of self-healing concrete in modern construction.
- To create awareness about different self-healing mechanisms used in concrete.
- To understand the advantages of self-healing concrete over conventional concrete.
- To encourage students to explore sustainable and innovative construction materials.

Highlights: The event was conducted in the classroom and all the students of 6th semester were participated actively under the supervision of Dr. Siva Krishna Reddy, Assistant Professor of CED.

Outcome:

- Students developed an understanding of the principles and applications of self-healing concrete.
- Improved awareness of sustainable and smart materials in civil engineering.
- Enhanced interest in research and innovation related to advanced concrete technology.
- Strengthened presentation, communication, and technical knowledge of the student presenter.

Photos

Event No.: 4	
Event Name: Importance and Preparation for competitive exams (Gate, IES, SSC JE)	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **20-12-2025, 11:50 AM to 12:40 PM**	**Event Type:** Importing Technical Knowledge
Venue: CE 5, CED, GPREC(A)	**Number of Participants:** The total no of 42 students along with 1 faculty participated in this event.

Objective:

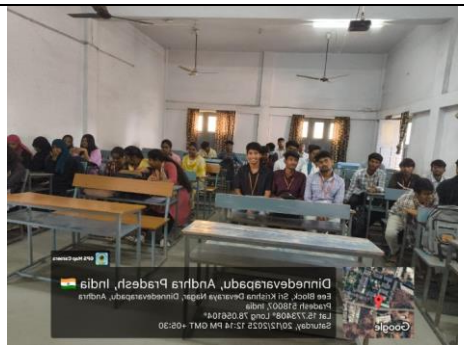
- To create awareness about the importance of GATE, IES, and SSC JE examinations for career growth.
- To guide students on effective preparation strategies and study planning.
- To motivate students to start early and prepare systematically for competitive examinations.

Highlights: The event was conducted in the classroom and all the students of 6th semester were participated actively under the supervision of Dr. E. Ganesh, Assistant Professor of CED.

Outcome:

- Students gained clarity on exam patterns, syllabus, and career opportunities associated with each examination.
- Improved understanding of preparation strategies, including concept-based learning and practice techniques.
- Increased motivation and confidence among students to appear for competitive examinations with a planned approach.

Photos



Event No.: 5	
Event Name: Mind Psychology By Jyothirmai, Psychologist.	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **29-12-2025, 11:50 AM to 12:40 PM**	**Event Type**: Personal Development Program
Venue: CE 4, CED, GPREC(A)	**Number of Participants:** The total no of 58 students along with 1 psychologist and 1 faculty participated in this event.

Objective:

- To create awareness about goal setting and effective time management for academic and personal growth.
- To highlight the role of yoga in improving mental and physical well-being.
- To educate students on the impact of excessive mobile usage and the importance of mobile de-addiction.

Highlights: The event was conducted in the classroom and all the students for 4th semester of CED students in CE4 classroom. A total of 58 students were participated actively and the session was delivered by t Jyothirmai Madam, A famous Psychologist in Kurnool City. The session was organised by Dr. T. Sowjanya, IEI students' chapter In charge. Ms. J. Sravani, Assistant Professor of CED also participated in the event.

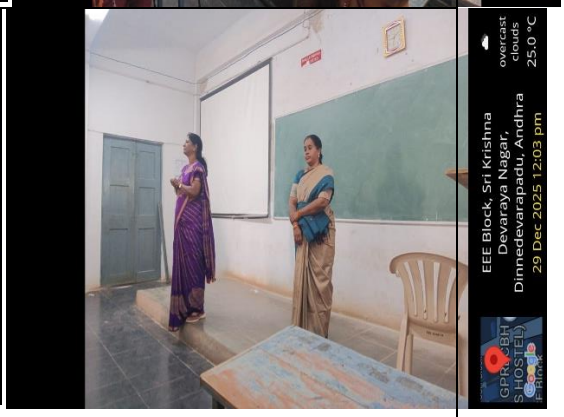
Outcome:

- Students gained clarity on setting realistic goals and managing time efficiently.
- Improved awareness of stress management through yoga and mindfulness

practices.

- Enhanced self-control and understanding of healthy digital habits among students.

Photos



Event No.: 19	
Event Name: Goal Setting and Future Achievements, By Jyothirmai, Psychologist.	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **29-12-2025, 1:40 AM to 2:40 PM**	**Event Type**: Personal Development Program
Venue: CE 6, CED, GPREC(A)	**Number of Participants:** The total no of 45 students along with 1 psychologist and 1 faculty participated in this event.

Objective:

- To create awareness about the importance of clear goal setting for future success.
- To introduce the concepts of the Law of Attraction, visualization, and manifestation.
- To motivate students to develop a positive mindset and focused approach toward achievements.

Highlights: The event was conducted in the classroom and all the students for 6th semester of CED students in CE6 classroom. A total of 45 students were participated actively and the session was delivered by t Jyothirmai Madam, A famous Psychologist in Kurnool City. The session was organised by Dr. T. Sowjanya, IEI students' chapter In charge and Assistant Professor of CED.

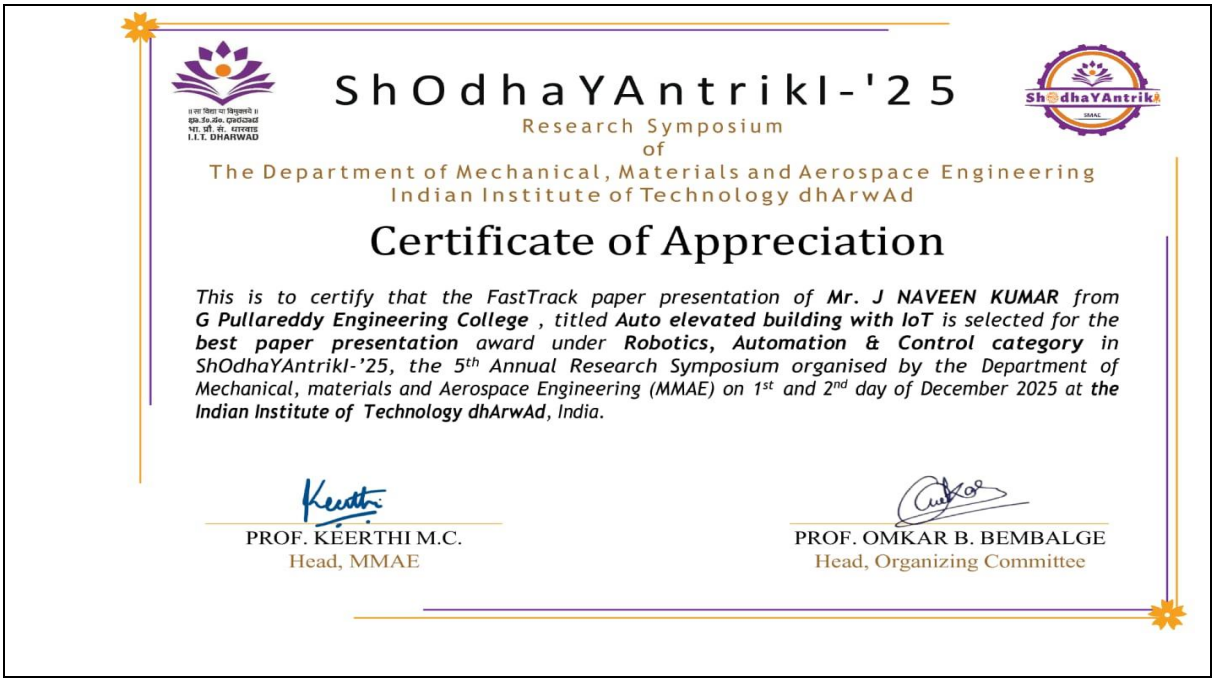
Outcome:

- Students gained an understanding of goal-oriented thinking and its impact on success.
- Improved awareness of visualization and manifestation techniques for personal growth.
- Enhanced motivation, confidence, and clarity in planning academic and career goals

Photos

Students Achievements:

1. J. Naveen (239X5A01C1) and K.Thirumal (229X1A0132) students of VII semester, CED Participated and presented a paper on "**Auto Elevated Buildings with IoT"** and own **Best Paper Award** under **Robotics, Automation and Control** Category in **the ShOdhaYAntrikl-25,** the 5th Annual Research Symposium, conducted by Department of Mechanical, Materials and Aerospace Engineering **on 1st and 2nd of December 2025, Indian Institute of Technology, DhArwAd.**



ShOdhaYAntrikI-'25

Research Symposium
of
The Department of Mechanical, Materials and Aerospace Engineering
Indian Institute of Technology dhArwAd

Certificate of Appreciation

This is to certify that the FastTrack paper presentation of ***Mr. J NAVEEN KUMAR*** *from* ***G Pullareddy Engineering College*** *, titled* ***Auto elevated building with IoT*** *is selected for the* ***best paper presentation*** *award under* ***Robotics, Automation & Control category*** *in ShOdhaYAntrikI-'25, the 5th Annual Research Symposium organised by the Department of Mechanical, materials and Aerospace Engineering (MMAE) on 1st and 2nd day of December 2025 at* ***the Indian Institute of Technology dhArwAd****, India.*

PROF. KEERTHI M.C.
Head, MMAE

PROF. OMKAR B. BEMBALGE
Head, Organizing Committee

Electrical & Electronics Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I)of Electrical and Electronics Engineering Department organized Industrial Visit at Pothireddypadu head regulator and NCL mini hydel power project, Bannur in association with IEEE. During 11-12-2025 and total of 132 students attended this program.
2. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Energy Conservation Day-Field Visit by Resource person Dr. G.Sreenivas Reddy, Associate Professor, EEE dept, GPREC, during 15-12-2025 and total of 47 tudents attended this Program.
3. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Future Ready: Training and Placement Awareness by The II B.Tech EEE studens Miss Sajida and Miss. Meghana conducted during 22-12-2025 and total of 24 students attended this Program

Event Name: Industrial Visit to Pothireddypadu head regulator and NCL mini hydel power project	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:11-12-2025	**Event Type:** Technical
Venue:Bannuru, Nandyala (Dt)	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 132**

Objective: The objective of visiting the NCL Mini Hydel Power Project is to provide engineering students with practical exposure to small-scale hydropower generation. The visit helps students understand turbine–generator operation, energy conversion, and the overall working of a mini hydel plant. Students also observe control systems, safety mechanisms, and grid-synchronization procedures used in power generation. This visit aims to link theoretical power engineering concepts with real-world hydropower plant operations and maintenance practices..

Description: The Pothireddypadu Head Regulator is a major hydraulic structure that diverts water from the Srisailam reservoir into the Srisailam Right Main Canal for irrigation and drinking water supply. It consists of multiple control gates, flow-measuring arrangements, and protective structures designed to manage large discharges efficiently. The NCL Mini Hydel Power Project is a small-scale hydroelectric plant that generates electricity by utilizing the natural water flow available in a canal or river. It typically operates as a run-of-the-river system, using a turbine connected to a generator to convert hydraulic energy into electrical energy. The plant includes components such as intake structures, penstocks, turbines, generators, governing systems, and control panels. Students can observe real-time power generation, grid synchronisation, and the automation used in operating the plant efficiently. The project demonstrates how renewable hydro energy can be harnessed on a smaller scale while ensuring environmental sustainability.

Outcome: By visiting the NCL Mini Hydel Power Project, students gain hands-on exposure to renewable energy generation using hydropower. They understand the functioning of turbines, generators, control equipment, and grid-synchronization systems. The visit improves their knowledge of power plant operation, efficiency considerations, and system protection practices. Students also learn how small-scale hydropower contributes to sustainable energy production. Overall, the experience bridges the gap between theoretical power engineering concepts and actual hydropower plant operation.

Photos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Andhra Pradesh 518401, India
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Andhra Pradesh 518401, India
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Event Name: Energy Conservation Day-Field Visit	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:15-12-2025	**Event Type:** Technical
Venue: EEE Block-I	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 47**

Objective: The objective of the Energy Conservation Day field visit is to provide engineering students with practical exposure to energy conservation and energy-efficient technologies. It helps students understand real-time energy generation, utilization, and loss reduction methods. The visit bridges theoretical concepts with practical applications. It also promotes awareness of sustainable and responsible energy management practices.

Description: The Energy Conservation Day field visit aims to enhance engineering students' awareness of efficient energy utilization in real-time applications. Students gain insights into modern energy-saving technologies and operational practices used in industries and power systems. The visit helps identify sources of energy losses and methods for their reduction. It promotes practical understanding of sustainable engineering solutions. Students are encouraged to apply these concepts in future projects and designs. This field visit provides engineering students with practical knowledge of energy conservation measures implemented in industrial and infrastructure systems. Students observe energy management strategies, efficient machinery, and renewable energy integration. The visit strengthens analytical skills by connecting theoretical concepts with practical operation. It also emphasizes the importance of energy audits and optimization. The experience fosters responsible and energy-conscious engineering practices.

Outcome: After the field visit, students gain a clear understanding of practical energy conservation methods and energy-efficient technologies. They are able to relate theoretical concepts to real-time engineering applications. Students develop awareness about energy loss reduction and sustainable energy practices. The visit enhances technical insight, environmental responsibility, and motivation to implement energy-efficient solutions in future engineering projects.

Photos


G.PULLA REDDY
ENGINEERING COLLEGE (Autonomous)
KURNOOL
DEPARTMENT OF
INSTITUTION OF ENGINEERS (INDIA)
STUDENTS CHAPTER
GPS Map Camera
Kurnool, Andhra Pradesh, India
Q3f4+qcw, Kurnool, Andhra Pradesh 518007, India
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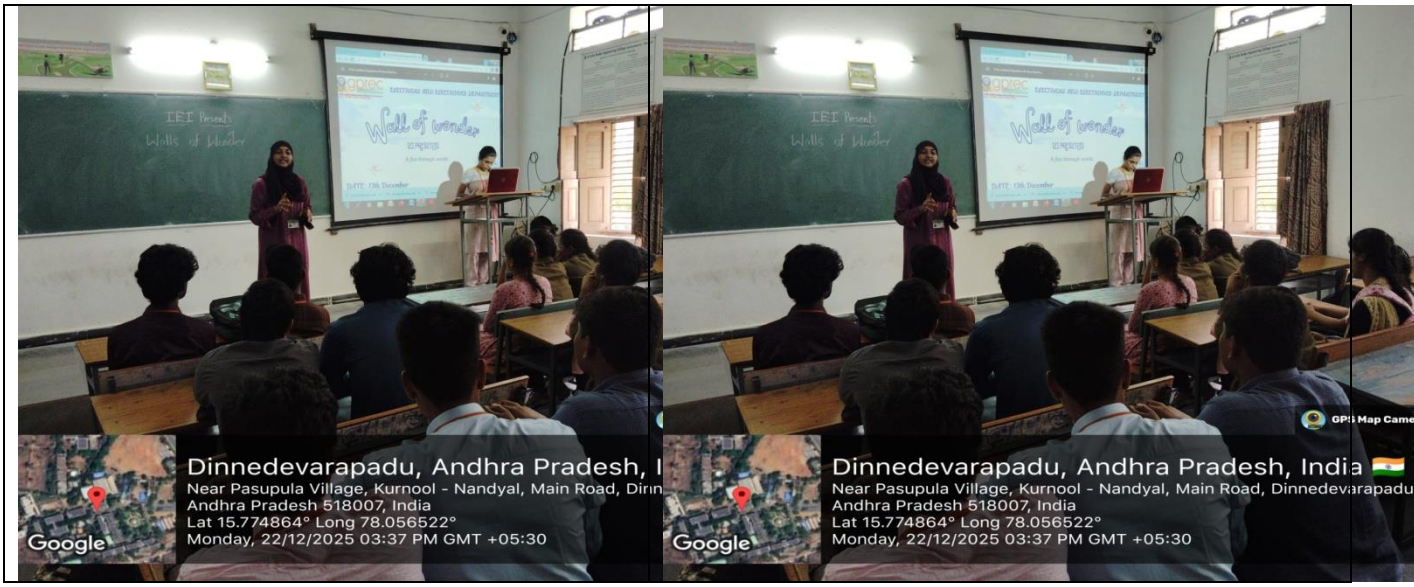
Event Name: Wall of Wonder	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:22-12-2025	**Event Type:** Personality development
Venue: EEE Block-I	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 24**
Objective: Students will share questions, ideas, and curiosities about what they are learning. They will use the Wall of Wonder to explore new thinking and make connections. This supports curiosity, inquiry, and collaborative learning.	
Description: The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Departmer conducted Future Ready: Training and Placement Awareness by The II B.Tech EEE studens Miss Sajid and Miss. Meghana conducted during 22-12-2025 and total of 24 students attended theis Program Th Wall of Wonder is a space where students can post questions, thoughts, and curiosities about the learning.It encourages students to observe closely and think deeply about new ideas. Students are invite to ask questions without fear of being wrong. The wall helps guide class discussions and future lessons. promotes curiosity, creativity, and critical thinking. Students learn to value different perspectives an ideas.The Wall of Wonder builds an engaging and supportive learning environment.	
Outcome: Students will actively participate by asking meaningful questions and sharing ideas.They will demonstrate increased curiosity and engagement in learning.Students will develop critical thinking and inquiry skills.They will collaborate respectfully and value diverse perspectives.	
Photos	



Mechanical Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of Mechanical Engineering Department arranged a seminar on "Fundamentals of Fluid Mechanics and Hydraulic Machinery: A Laboratory Approach" by E. Siva Reddy, Assistant Professor, ME Department on 6th December 2025. A total of 60 students participated.

2. The GPREC IE(I) Student Chapter of Mechanical Engineering Department conducted A "Career Guidance Session on PSU Opportunities" by K Chandra Shekar Reddy, Sr. Engineer (Mechanical) GAIL, India. On 23rd December 2025. A total of 55 students participated.

G. Pulla Reddy Engineering College (Autonomous): Kurnool
Activity Report of ME Department IE(I) Chapter

Dt. 06-12-2025

Event Name: "Fundamentals of Fluid Mechanics and Hydraulic Machinery: A Laboratory Approach"	
Name of the cell and Forum/society (CAA)	**IE(I) ME Department**
Date: 6th December 2025 (11:50 – 12:40 PM)	**Event Type: Seminar**
Venue: ME -5 LH	**Number of Participants: 60**
Resource Person: E. Siva Reddy, Assistant Professor, ME Department.	
Objective: To strengthen students' understanding of fundamental concepts in **fluid mechanics** through hands-on laboratory experiments. To familiarize students with the working principles and characteristics of **hydraulic machines** such as pumps and turbines.	
Description: This seminar focuses on enhancing students' understanding of fluid mechanics and hydraulic machinery through a practical, laboratory-oriented approach. Emphasis is placed on the experimental determination and calculation of key parameters such as discharge, velocity, pressure, head loss, power, and efficiency using standard laboratory setups. By addressing common calculation methods and interpretation of results, the program aims to improve students' analytical skills, laboratory competence, and readiness for academic examinations and practical engineering applications.	
Outcome: Perform accurate **calculations related to discharge, head loss, efficiency, and power** in fluid flow and hydraulic machinery tests. Interpret experimental data and compare it with theoretical results.	
Photos	
	

G. Pulla Reddy Engineering College (Autonomous): Kurnool
Activity Report of ME Department IE(I) Chapter

Dt. 24-12-2025

Event Name: "Career Guidance Session on PSU Opportunities"	
Name of the cell and Forum/society (CAA)	**IE(I) ME Department**
Date: 24 December 2025 **(11:00 to12:30 PM)**	**Event Type:** Interaction with Industry Expert
Venue: ME-1 LH	**Number of Participants: 55**
Resource Person: K Chandra Shekar Reddy, Sr. Engineer (Mechanical), GAIL, India.	
Objective: To create awareness among **Mechanical Engineering students** about career opportunities in **Public Sector Undertakings (PSUs)**. To provide insights into **eligibility criteria, recruitment processes, and selection stages** of major PSUs.	
Description: The IE(I) Student Chapter organized a *Career Guidance Session on PSU Opportunities by Alumnus* for Mechanical Engineering students. The session was delivered by a distinguished alumnus currently employed in a Public Sector Undertaking (PSU). The speaker shared valuable insights on the scope of PSUs for mechanical engineers, including sectors such as energy, oil and gas, power generation, manufacturing, and infrastructure.	
Outcome: Understand the **career pathways and job profiles** available for Mechanical Engineers in PSUs. Gain clarity on the **PSU recruitment process**, including GATE scores, interviews, and document verification. Identify effective **study plans and preparation strategies** for competitive examinations.	
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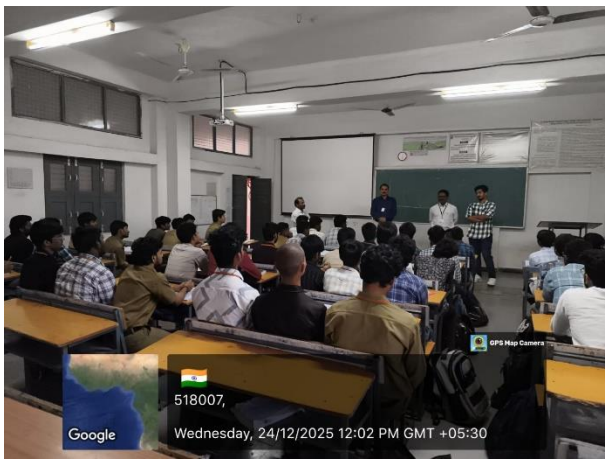
	

Electronics & Communication Engineering Department
IE(I) Students Chapter

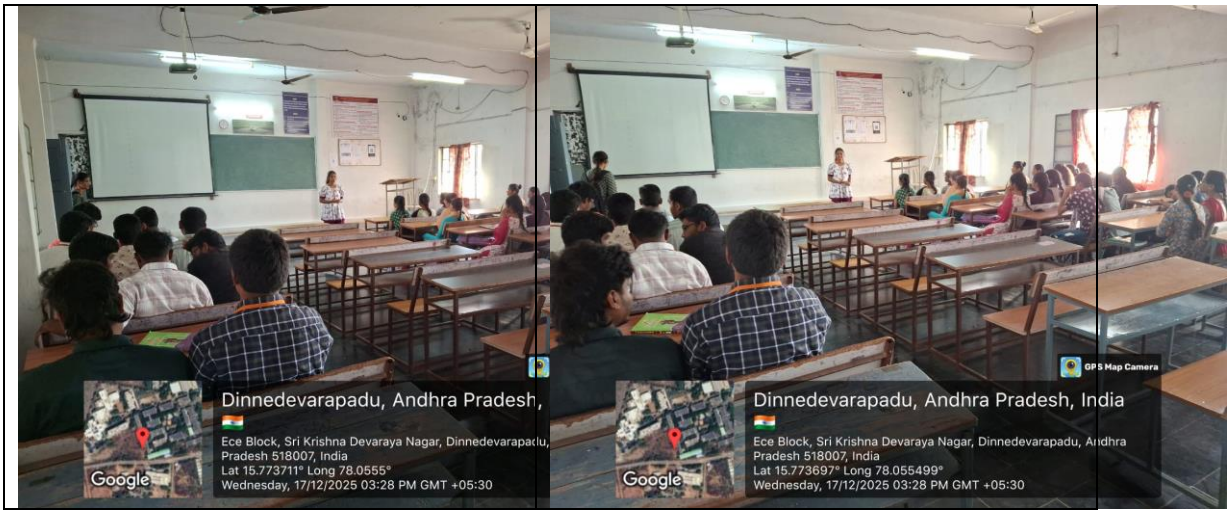
- **The GPREC IE(I) Student Chapter of ECE department conducted a technical seminar "Seminar on Satellites and Satellite Orbits" on 17.12.2025 at ECE Block-1, GPREC.** A total of 84 students participated. The seminar provided a foundational understanding of satellites, their types, orbital mechanics, working principles, and applications in communication systems. Students gained clarity on satellite launching, space-based services, and the role of satellites in modern communication technologies.

- **The GPREC IE(I) Student Chapter of ECE department conducted a technical skills seminar "SkillUp Tech" on 17.12.2025 at ECE-2, GPREC.** A total of 60 students participated. The event emphasized enhancing technical knowledge, developing practical skills, and bridging the gap between theory and real-world applications. Students were introduced to latest tools, industry trends, certifications, and case studies, leading to improved problem-solving abilities, confidence in using technical tools, and better understanding of technical career paths.

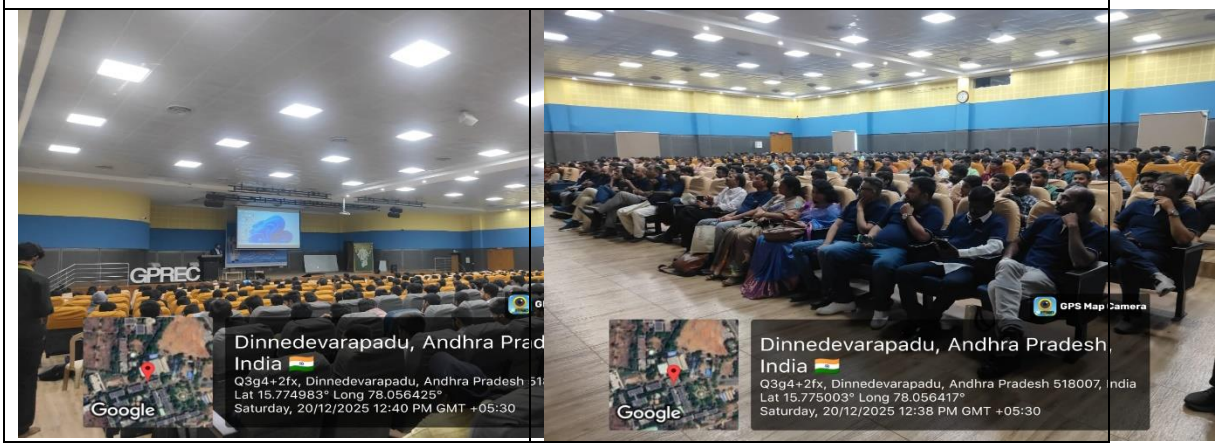
- **The GPREC IE(I) Student Chapter of ECE department conducted a Guest Lecture (Career Guidance) on 20.12.2025 at the Auditorium, GPREC.** A total of 150 students participated. The session focused on accurate path control concepts such as target interception, mission planning, and optimization of fuel, energy, and time. Through motivational talks and interactive discussions with experts, students gained clarity on career options, awareness of emerging trends, actionable career planning skills, confidence, and networking opportunities.

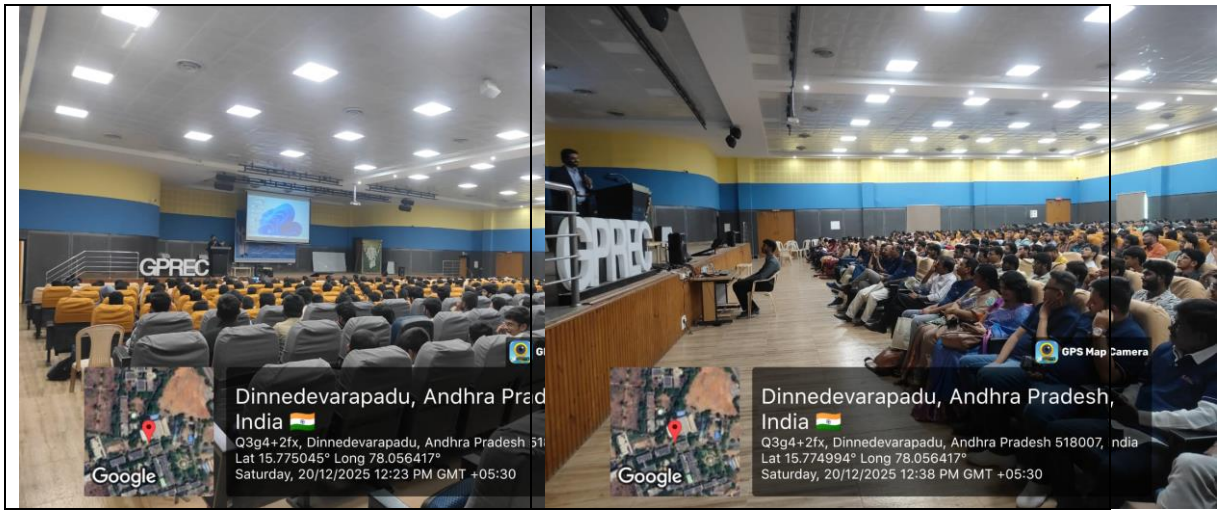
Event Name: Seminar on Satellites and Satellite Orbits	
Name of the cell (EAA/NSS/VSC/CAA)	**IE(I) Student Chapter ECE**
Date:17.12.25	**Event Type: Technical Seminar**
Venue: ECE Block-1, GPREC	**Number of Participants: 84**
Objective: The Objective of this Seminar is to provide a basic understanding of Satellites, their types, orbits, working principles, and applications in Communication systems.	
Highlights: An Overview of Satellites, their types, Orbits, working principles and their role in communication.	
Outcome: Students will gain fundamental knowledge on Satellites, types of Satellites, Satellite orbits, working principles of Satellites, launching of artificial Satellites, and applications of Satellites in Communication and other space-based services.	
Photos	

Event Name: SkillUp Tech	
Name of the cell (EAA/NSS/VSC/CAA)	**IE(I) Student Chapter ECE**
Date: 17-12-2025	**Event Type: Seminar on Technical Skills**
Venue: ECE-2, GPREC	**Number of Participants: 60**
Objective: To introduce students or attendees to the Enhancing technical knowledge, Developing practical skills, Bridging theory and practice and Building confidence.	
Highlights: Introduction to latest tools and industry trends, Guidance on career opportunities and certifications, Real-world examples and case studies.	
Outcome: Enhanced problem-solving and analytical abilities, Developed confidence in using technical tools and applications, Better understanding of career paths and skill requirements in technical fields.	
Photos	



Event Name: Guest Lecture	
Name of the cell (EAA/NSS/VSC/CAA)	**IE(I) Student Chapter ECE**
Date: 20-12-2025	**Event Type: Carrier guidance**
Venue: Auditorium, GPREC	**Number of Participants: 150**
Objective: To introduce students or Accurate path control, Target interception or arrival, Minimize fuel, energy, or time while completing the mission.	
Highlights: Motivational talks by industry experts, career coaches, or successful professionals, Insights into emerging career trends and opportunities, Interactive panel discussions, Students can ask questions about careers, internships, and job market.	
Outcome: Students will gain about Clarity on Career Options, Actionable Career Plan, Enhanced Knowledge of Requirements, Motivation and Confidence Boost, Networking Opportunities etc..	
Photos	





Computer Science & Engineering Department
IE(I) Students Chapter

- IEI Student Branch, Department of CSE, organized Case Study Analysis 4-12-2025 from 2.30 pm to 3.20 pm. Number of students who participated in the event was 47.

- IEI Student Branch, Department of CSE, organized BrainBurst **20-12-2025** from 2.30 pm to 3.20 pm. Number of students who participated in the event was 60.

- IEI Student Branch, Department of CSE, organized Tech fiesta on **22-12-2025** from 2.30 pm to 3.20 pm. Number of students who participated in the event was 65.

Event Name : Case Study Analysis	
Name of the cell: CAA	
Date : 4-12-2025	Event type: Technical
Venue: CS-3	No. of participants:47
Objective : To help students understand the **practical application of theoretical concepts**. To develop **analytical and problem-solving skills** through real-life scenarios. To enhance **teamwork and communication skills** among students.	
Highlights: Group discussion encourages **peer learning** and idea sharing. Multiple solutions are explored and **compared critically**. Students present findings, improving **presentation and articulation skills.** Active student participation increases **engagement and interest** in the subject.	
Outcome: After completing the activity, students will be able to identify and define **key issues** in a given case. Apply **theoretical knowledge** to practical problems. Propose **logical and feasible solution.** Evaluate different alternatives and justify decisions. Work effectively in **teams.** Communicate analysis and solutions clearly and confidently.	
Photos:	


GPS Map Camera
Kurnool, Andhra Pradesh, India
Cse Block, Kurnool, Andhra Pradesh 518007, India
Lat 15.773786° Long 78.057297°
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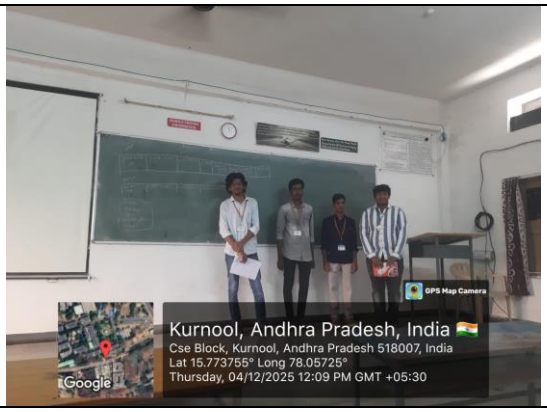
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Kurnool, Andhra Pradesh, India
Cse Block, Kurnool, Andhra Pradesh 518007, India
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Event Name: Brain Burst	
Name of the cell: CAA	
Date:20-12-2025	**Event Type: Technical Type**
Venue:CS-2	**Number of Participants:60**

Objective:

The main objective of the event is to participate everyone in the "BrainBurst" quiz organized by the IEI Student Chapter. This event aims to enhance logical thinking by quantitative aptitude and logical reasoning. This event improves

Their logical thinking ,time management in students.

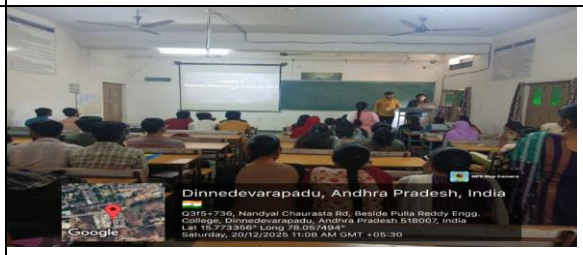
Highlights:

The highlight of the event was both boys and girls gave their best effort and great competitive spirit among them. In this event there are 4 teams a, b, c, d. At last b team stood as a winners in overall rounds. Everyone who participated in the event gave their best in giving answers.

Outcome:

The outcome of this BrainBurst event is like a revision to logical thinking and its improvement. It is very helpful to the participants in improving their thinking skills and time managing. Participants can identify their way of finding solutions where they need to improve their thinking ability.

Photos:



Event Name: Tech fiesta	
Name of the cell: CAA	
Date:22-12-2025	**Event Type: Technical Type**
Venue: CS-4	**NumberofParticipants:65**

Objective:

The main objective of the event is to participate everyone in the “Tech fiesta” quiz organized by the IEI Student Chapter. The objective of this event "Tech Fiesta" is to assess and enhance participants problem-solving skills, logical thinking, and technical knowledge in Python programming concepts and Operating System fundamentals. This segment aims to challenge participants' understanding of these topics, encouraging critical thinking, analytical skills, and quick problem-solving abilities within a time-bound framework.

Highlights: The highlight of the event was both boys and girls gave their best effort and great competitive spirit among them. In this event there are 4 teams a, b, c, d. At last d team (girls) stood as a winners in overall rounds. Everyone who participated in the event gave their best in giving answers.

Outcome:

The " Tech fiesta" event helped participants assess their technical skills and knowledge in python and os. By tackling questions on Python programming and operating systems, participants were able to identify their strengths and weaknesses, refine their problem-solving strategies, and gain a deeper understanding of key concepts.

Photos:

Department of Computer Science Engineering AI & ML (CSM)

1) IEI Student Branch, Department of CSM, organized the “TECH Talk Session” event on 06-12- 2025 from 2.30 PM to 3.20 PM . The number of students who participated in the event was 14.
2) IEI Student Branch, Department of CSM, organized the “Tech Tambola” event on 17-12-2025 from 2.30 PM to 3.20 PM . The number of students who participated in the event was 55.
3) IEI Student Branch, Department of CSM, organized the “Srishti AI-A Generative Technology Seminar” event on 27-12-2025 from 2.30 PM to 3.20 PM. The number of students who participated in the event was 2.
4) IEI Student Branch, Department of CSM, organized the “Quant Boost” event on 31-12-2025 from 2.30 PM to 3.20 PM. The number of students who participated in the event was 20.

<table>
<tr><td colspan="2">Event Name: TECH Talk session</td></tr>
<tr><td>Name of the cell and Forum/society</td><td>CAA – IEI</td></tr>
<tr><td>Date:06 December 2025(2:30PM – 3:20 PM)</td><td>Event Type: Technical</td></tr>
<tr><td>Venue: CSM- Class Rooms</td><td>Number of Participants:14</td></tr>
<tr><td colspan="2">Objective:
The main objective of this event is to improve presentation skills on technical topics</td></tr>
<tr><td colspan="2">Description:
As a part of IE(I) activity, GPREC IE(I)
student’s chapter of CSM department organized an event called “TECH TALK” event to present a session on technical aspects.Those who present well based on presentation rubrics they are considered as a winner.</td></tr>
<tr><td>Outcome:</td><td>All the students actively participated.</td></tr>
<tr><td colspan="2">Photos</td></tr>
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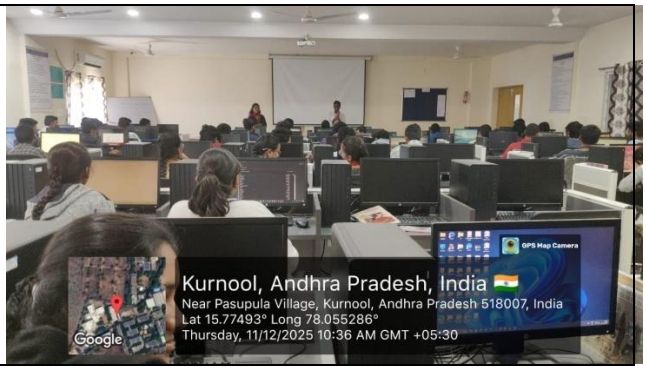
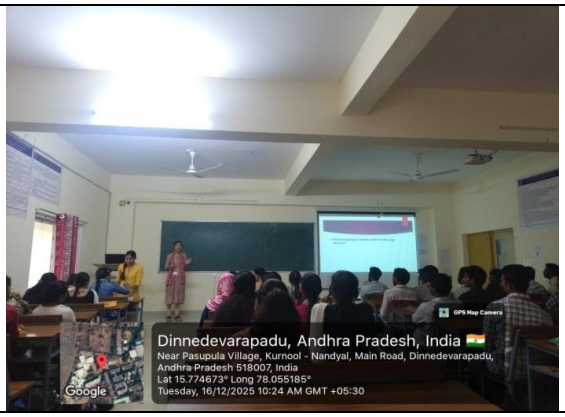


Event Name: Tech Tambola	
Name of the cell and Forum/society	**CAA – IEI**
Date:16 December 2025(2:30PM – 3:20 PM)	**Event Type: Technical**
Venue: CSM- Class Rooms	**Number of Participants:55**
Objective: The main objective of this event is to encourage quick thinking, attentiveness, and problem-solving skills and give awareness about emerging technologies.	
Description: As a part of IE(I) activity, GPREC IE(I) student's chapter of CSM department organizedan event called "Tech Tambola" .It is a fun twist on the classic game of Tambola, blended with the exciting world of technology. Instead of traditional numbers, players match answers related to tech terms, innovations, coding, gadgets, and digital trends. The event challenges participants' tech knowledge while keeping the thrill and suspense of Tambola alive. With quick thinking, learning, and lots of excitement, Tech Tambola promises an interactive experience that is both educational and entertaining for everyone.	
Outcome:	All the students actively participated.
Photos	



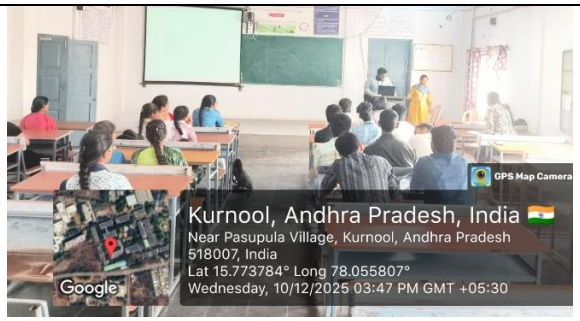
Event Name: Srishti AI-A Generative Technology Seminar	
Name of the cell and Forum/society (CAA)	**IE(I) CSM Department**
Date:27th December 2025 **(10AM – 10:40 AM)**	**Event Type:Technical**
Venue: Respective classes	**Number of Participants:02**
Objective: Srishti AI is a Generative AI Technology Seminar event	
Description: As a part of IE(I) activity, GPREC IE(I) student's chapter of CSM department organized an event called "Srishti AI" event to give a technical awareness on Generative AI technical topics and terminology.IE(I) coordinators presented this out of their interest and gave awareness on various Generative AI topics.	
Outcome: All the students got awareness on the various topics of Generative AI.	
Photos	
	

ISTE Students Chapter

The GPREC ISTE STUDENTS CHAPTER - conducted

1. An event "Build a Bot with No Code" was conducted for the students of II year and III year B. Tech students of all branches on 10.12.2025 from 3.30 PM to 4.30 PM. The total number of students participated is 48.
2. An event "Ideathon" was conducted for the students of II year and III year B. Tech students of all branches on 17.12.2025 from 3.30 PM to 4.30 PM. The total number of students participated is 46.

Event Name:	**“** BUILD A BOT **”**
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**ISTE Students Chapter (CAA)**
Date: 10-12-2025	**Event Type: Technical Event**
Venue: ECE LH-5, ECE Block-1	**Number of Participants: 48**
Objective To introduce students to chatbot development using no-code tools and provide hands-on experience with Dialogflow, enabling them to understand AI concepts and build functional bots without programming.	
Highlights: The event featured a live demo on chatbot creation, followed by an interactive hands-on session where students built and tested their own bots. The session saw active participation, strong engagement, and successful completion of practical tasks by attendees.	
Outcome: Students gained practical skills in no-code chatbot development, understood the working of AI-driven tools like Dialogflow, and successfully built functional chatbots. The event boosted confidence, creativity, and interest in AI-driven automation.	
Photos	



Event Name:	**IDEA-HUNT**
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	ISTE Students Chapter (CAA)
Date: 17-12-2025	**Event Type:** Technical Event (FUN)

Venue: CSM BLOCK(CSM LH-1,1st Floor)	**Number of Participants: 46**
Objective: The objective of IDEA HUNT is to encourage creativity, critical thinking, and technical awareness among students by providing a fun and competitive platform. The event aims to stimulate innovative thinking, improve problem-solving skills, and build confidence in expressing ideas through interactive and engaging rounds.	
Highlights: IDEA HUNT stands out with its three dynamic rounds—Idea Spark, Tech Charades, and Mind Buzzer—each designed to test different aspects of a participant's intellect, from creativity and technical understanding to quick decision-making. The fast-paced format, team spirit, and blend of learning with fun make the event highly engaging and accessible to all students, with no registration fee.	
Outcome: By the end of the event, participants gain enhanced creative and analytical thinking skills, improved teamwork, and better exposure to technical concepts in an enjoyable manner. The event fosters enthusiasm for innovation, boosts confidence, and leaves students motivated, inspired, and enriched with a memorable learning experience along with healthy competition and bragging rights.	
Photos	
	

CSI Student Branch
List of activities done under IEEE STB 15721

IEEE WIE AG (SBA15721), IEEE PES SBC 15721B,
IEEE PELS SBC 15721F, IEEE IAS SBC 15721E, IEEE RAS SBC15721G

1. IEEE-WIE organized "Poster Presentation" Event on account of "World Soil Day" on 5th December, 2025 from 2.30 PM to 4.00 PM at the E-classroom, Silver Jubilee block.
2. IEEE PELS/PES/IAS SBC of GPREC in association with IEI of GPREC organized an Industrial Visit to Pothireddypadu head regulator and NCL mini hydel power project on 11 – 12-2025 for III B.Tech EEE students. Number of participants for the event are 132.
3. EEE department in association with IEEE PELS/PES/IAS student branch chapters of GPREC organized a One Week Workshop on "Circuits to Intelligence: AI &ML Applications in Electrical Engineering"" during 15th – 20th December 2025 for III B.Tech EEE students. Number of participants for the event are 133.
4. IEEE PELS SBC of GPREC organized a Session on "From Campus to Corporate" on 20-12-2025 for II B.Tech EEE students. Number of participants for the event are 64.
5. IEEE PELS SBC of GPREC organized an Interactive session on From Regret to Results: Placement Preparation Insights on 23-12-2025 for II B.Tech EEE students. Number of participants for the event are 62.
6. The GPREC IEEE PES chapter in association with PELS and IAS Student Chapter of Electrical and Electronics Engineering Department conducted a Technical Activity for the fresher man on topic "The Electri – FUN – da – Mentals". The resource persons are Dr. K.Jagadeesh, and Mr. A.Vijay Kumar Reddy Assistant professors of EEE Department, GPREC, on 19th December 2025 from 12:40 PM to 1:40 PM. The total number of students who participated were 48 No's.
7. IEEE PELS/PES/IAS SBC of GPREC in association with IEI of GPREC organized an Industrial Visit to Pothireddypadu head regulator and NCL mini hydel power project on 11 – 12-2025 for III B.Tech EEE students. Number of participants for the event are 132
8. IEEE IAS SBC of GPREC organized a Session on "Energy Conversation Day " on 15-12-2025 . Number of participants for the event are 49

Event Name: Poster Presentation Competition on World Soil Day	
Name of the cell and Forum/society: IEEE -WIE	
Date: 05-12-25	**Event Type:** Poster Presentation
Venue: E-Class room	**Number of Participants: 15**
Objective: The IEEE-GPREC Women In Engineering (IEEE-WIE) Affinity Group has organized a Poster Presentation Competition on the occasion of World Soil Day on 5th December 2025with an objective of creating awareness in the technical youth about the importance of soil in the everyday life. Event Theme is "Soil-A Source of life: Healthy Soils for Healthy Cities"	
Description: The event aims to promote awareness on the importance of soil conservation and sustainable soil management practices. Students are encouraged to present posters highlighting innovative ideas, scientific insights, and creative solutions for soil	

preservation and environmental protection.
Outcome: Students from various branches have actively participated and presented their posters with various ideas of soil conservation and soil management practices. Dr.K.Santhosh from CSE department has acted as the judge for this competition . Best 3 winners are B.Mythri (II CSE-A) , N.Harshavardhan (III CSM-B) , M.Naveen Kumar(I ECE-B).
photos

Event Name: Industrial Visit to Pothireddypadu head regulator and NCL mini hydel power project	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA: IEEE PELS SBC & IEI**
Date:11-12-2025 **Time: 9:30 AM – 3:00 PM**	**Event Type:** Technical
Venue:Bannuru, Nandyala (Dt)	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 132**
Objective: The objective of visiting the NCL Mini Hydel Power Project is to provide engineering students with practical exposure to small-scale hydropower generation. The visit helps students understand turbine–generator operation, energy conversion, and the overall working of a mini hydel plant. Students also observe control systems, safety mechanisms, and grid-synchronization procedures used in power generation. This visit aims to link theoretical power engineering concepts with real-world hydropower plant operations and maintenance practices.	

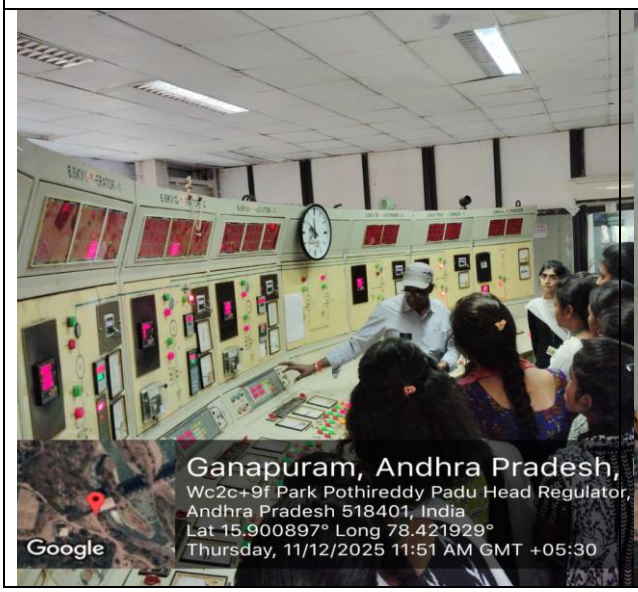
Description:.

The Pothireddypadu Head Regulator is a major hydraulic structure that diverts water from the Srisailam reservoir into the Srisailam Right Main Canal for irrigation and drinking water supply. It consists of multiple control gates, flow-measuring arrangements, and protective structures designed to manage large discharges efficiently. The NCL Mini Hydel Power Project is a small-scale hydroelectric plant that generates electricity by utilizing the natural water flow available in a canal or river. It typically operates as a run-of-the-river system, using a turbine connected to a generator to convert hydraulic energy into electrical energy. The plant includes components such as intake structures, penstocks, turbines, generators, governing systems, and control panels. Students can observe real-time power generation, grid synchronisation, and the automation used in operating the plant efficiently. The project demonstrates how renewable hydro energy can be harnessed on a smaller scale while ensuring environmental sustainability

Outcome:

By visiting the NCL Mini Hydel Power Project, students gain hands-on exposure to renewable energy generation using hydropower. They understand the functioning of turbines, generators, control equipment, and grid-synchronization systems. The visit improves their knowledge of power plant operation, efficiency considerations, and system protection practices. Students also learn how small-scale hydropower contributes to sustainable energy production. Overall, the experience bridges the gap between theoretical power engineering concepts and actual hydropower plant operation.

Photos



Event Name: One Week Workshop on **"Circuits to Intelligence: AI &ML Applications in Electrical Engineering**	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE PELS SBC in association with EEE Dept.**
Date: 15th – 20th December 2025	**Event Type: Technical**
Venue: EEE Computer Lab -1, 2, 3 & Seminar Gallery -2 **Time: 9:30 AM– 3:30 PM**	**Number of Participants: 133**

Objective:

The primary objective of the one-week workshop was to introduce Electrical and Electronics Engineering (EEE) students to the fundamentals and applications of Artificial Intelligence (AI) and Machine Learning (ML) in electrical engineering domains. The program aimed to bridge the gap between traditional electrical systems and intelligent data-driven techniques by equipping students with theoretical knowledge and hands-on experience using MATLAB and Simulink for real-world electrical engineering problems

Description:

The workshop commenced with an introduction to Artificial Intelligence and Intelligent Agents, followed by sessions on the fundamentals of Machine Learning and Deep Learning. Students were exposed to core ML concepts including supervised and unsupervised learning techniques, with detailed discussions on Linear Regression, Logistic Regression, and K-Nearest Neighbours (KNN) algorithms for prediction and classification tasks.

A key highlight of the workshop was the development of a Predictive Energy Management System (Meter-to-Model approach), enabling participants to understand how electrical data can be transformed into intelligent models.

The hands-on sessions focused extensively on MATLAB-based implementation of ML algorithms, covering:

- Importing and handling electrical datasets (Excel/CSV)
- Data cleaning, preprocessing, and feature extraction
- Building and evaluating classification and regression models

- Practical usage of Classification Learner and Regression Learner Apps
- Case studies on fault detection and load prediction

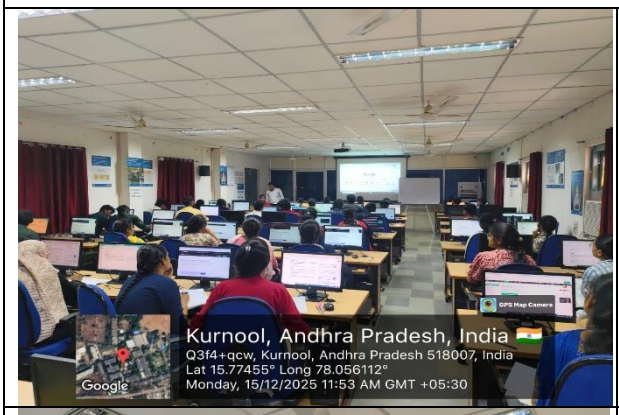
Advanced sessions introduced students to clustering and pattern recognition techniques, particularly k-Means clustering, for identifying patterns in electrical datasets. The workshop concluded with model deployment techniques, demonstrating how trained ML models can be converted into Simulink blocks for real-time simulation and system integration.

Outcome:

At the end of the workshop, participants were able to:

- Understand the role of AI and ML in modern electrical engineering applications
- Apply supervised and unsupervised learning algorithms to electrical datasets
- Develop and validate regression and classification models using MATLAB
- Perform data preprocessing, feature extraction, and model evaluation
- Analyze electrical system data for fault diagnosis, load prediction, and energy management
- Implement clustering techniques for pattern recognition in electrical data
- Deploy ML models in Simulink for simulation and practical applications
- Gain confidence in integrating intelligent techniques with core electrical engineering concepts

Photos



Event Name: Session on "From Campus to Corporate"	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE PELS SBC**
Date: 20 – 12 - 2025	**Event Type: Technical**
Venue: EEE Class Room 1	**Number of Participants: 64**

Time: 11:00 – 12:30 PM	

Objective:

The primary objective of the alumni interaction session was to provide students with practical insights into career planning, placement preparation, and real-world job expectations. The session aimed to bridge the gap between academic learning and industry requirements through alumni experiences.

Description:

The alumni session was highly interactive and informative. The speakers shared their personal experiences related to:

- Campus placements and off-campus job opportunities
- Importance of technical skills, internships, and projects
- Common mistakes students make during preparation
- Effective time management and goal setting
- Resume building and interview preparation
- Industry expectations and workplace ethics strong fundamentals in core subjects are essential for placements
- Practical exposure through internships and projects improves employability
- Communication skills and confidence play a crucial role in interviews
- Continuous learning and adaptability are key to career growth
- Networking and alumni connections help in exploring job opportunities

Alumni emphasized that many students fail to utilize their academic years effectively and advised juniors to focus on consistent skill development rather than last-minute preparation.

Outcome:

- Students gained clarity on career paths and job roles
- Awareness increased about placement readiness and industry expectations
- Motivation among students to utilize time effectively
- Strengthened alumni–student interaction

Photos

Event Name: Session on From Regret to Results: Placement Preparation Insights by Ooha Bhargavi & Surekha	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE PELS SBC**
Date: 23 – 12 - 2025	**Event Type: Non - Technical**
Venue: EEE Class Room 1 **Time: 9:50 – 11:00 PM**	**Number of Participants: 62**

Objective:

The primary objective of the session was to guide junior students on effective strategies to crack campus placements by sharing real-life experiences, common mistakes, and time-management issues faced by senior students during their placement preparation journey.

Description:

The session was conducted in an interactive and student-centric manner, where senior students shared their personal placement experiences with juniors. The speakers highlighted how improper planning, procrastination, lack of consistency, and over-dependence on last-minute preparation led to wastage of valuable time during early semesters.

Key focus areas discussed during the session included:

- Importance of starting placement preparation early
- Common mistakes made by students during initial years
- Effective utilization of time for aptitude, technical skills, and coding
- Balancing academics, skill development, and extracurricular activities
- Importance of mock tests, internships, and projects
- Soft skills, communication, and interview etiquette

The seniors also shared practical tips on **how to avoid distractions**, set achievable goals, and maintain discipline throughout the preparation phase.

Outcome:

- Students gained clarity on the placement process and preparation roadmap
- Juniors became aware of common pitfalls and how to avoid them
- The session motivated students to use their time productively
- Enhanced interaction and mentorship between seniors and juniors

Photos

Event Name: The Electri – FUN – da – Mentals

Name of the cell and Forum/society: CAA – IEEE PES, PELS & IAS

Date: 19th December, 2025	**Event Type:** Technical
Venue: EEWP Lab	**Number of Participants: 48**

Objective:

To familiarize students with power generation stations, the various equipment used in them, and to enhance their awareness of their functioning and safety aspects.

Description:

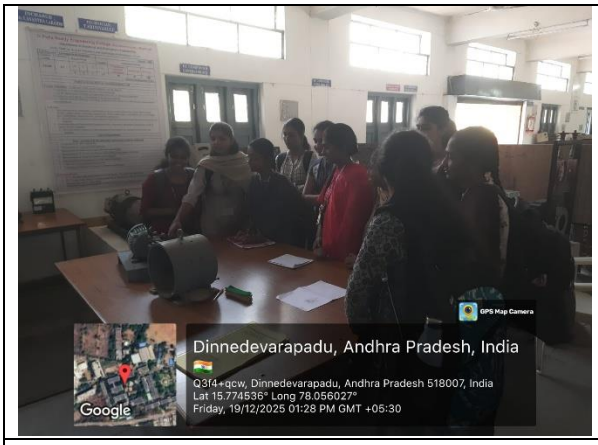
The Electri-FUN-da-Mentals was organized for first-year students with the objective of introducing fundamental concepts of power generation, equipment used in generating stations, and operational safety. The program featured an industrial visit to a solar power generation plant, during which resource persons outlined the power generation process. A technical session on the construction and working of an AC induction motor, supported by a cross-sectional model, further enhanced students' conceptual understanding.

Outcome:

At the end of the program, students were able to:

1) **Identify** at least three types of power generation stations and their key components.
2) **Explain** the basic stages involved in solar power generation with appropriate block diagrams.
3) **Recognize** major equipment used in generating stations and state their functions.
4) **Describe** the construction and working principle of an AC induction motor using a cross-sectional model.
5) **Demonstrate** awareness of basic electrical safety practices followed in power generation facilities.

Photos



Event Name: Energy Conservation Day

Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:15-12-2025	**Event Type:** Technical
Venue:E Class ROOM ,EEE Dept	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 49**

Objective: **The main objectives of the program were**
To create awareness about the importance of energy conservation
To educate students on efficient energy utilization
To highlight the role of engineers in sustainable energy practices

To promote innovative ideas for saving energy in industries and daily life

Description: Energy Conservation Day is observed every year on **14th December** to spread awareness about the importance of conserving energy and using it efficiently. The day highlights the need to reduce energy wastage and promote sustainable practices to protect natural resources and the environment. It encourages individuals, industries, and institutions to adopt energy-efficient technologies and responsible energy usage habits.

Energy conservation plays a vital role in reducing carbon emissions, lowering energy costs, and ensuring energy security for future generations. On this day, various activities such as awareness programs, seminars, workshops, poster presentations, and competitions are organized to educate people about renewable energy sources, energy-efficient appliances, and innovative conservation methods.

Energy Conservation Day serves as a reminder that small actions—like switching off unused electrical devices, using efficient lighting, and adopting renewable energy—can collectively make a significant impact toward sustainable development and a greener future.

Outcome:
Increased awareness about energy conservation
Enhanced understanding of sustainable energy practices
Motivation among students to adopt energy-saving habits
Strengthened IEEE IAS student involvement

Photos

Event Name: Industrial Visit to Pothireddypadu head regulator and NCL mini hydel power project	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:11-12-2025	**Event Type:** Technical
Venue:Bannuru, Nandyala (Dt)	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 132**

Objective: The objective of visiting the NCL Mini Hydel Power Project is to provide engineering students with practical exposure to small-scale hydropower generation. The visit helps students understand turbine–generator operation, energy conversion, and the overall working of a mini hydel plant. Students also observe control systems, safety mechanisms, and grid-synchronization procedures used in power generation. This visit aims to link theoretical power engineering concepts with real-world hydropower plant operations and maintenance practices..

Description: The Pothireddypadu Head Regulator is a major hydraulic structure that diverts water from the Srisailam reservoir into the Srisailam Right Main Canal for irrigation and drinking water supply. It consists of multiple control gates, flow-measuring arrangements, and protective structures designed to manage large discharges efficiently. The NCL Mini Hydel Power Project is a small-scale hydroelectric plant that generates electricity by utilizing the natural water flow available in a canal or river. It typically operates as a run-of-the-river system, using a turbine connected to a generator to convert hydraulic energy into electrical energy. The plant includes components such as intake structures, penstocks, turbines, generators, governing systems, and control panels. Students can observe real-time power generation, grid synchronisation, and the automation used in operating the plant efficiently. The project demonstrates how renewable hydro energy can be harnessed on a smaller scale while ensuring environmental sustainability.

Outcome: By visiting the NCL Mini Hydel Power Project, students gain hands-on exposure to renewable energy generation using hydropower. They understand the functioning of turbines, generators, control equipment, and grid-synchronization systems. The visit improves their knowledge of power plant operation, efficiency considerations, and system protection practices. Students also learn how small-scale hydropower contributes to sustainable energy production. Overall, the experience bridges the gap between theoretical power engineering concepts and actual hydropower plant operation.

Photos

 GPS Map Camera Ganapuram, Andhra Pradesh, India Wc2c+9f Park Pothireddy Padu Head Regulator, Ganapuram, Andhra Pradesh 518401, India Lat 15.900907° Long 78.421928° Thursday, 11/12/2025 11:52 AM GMT +05:30 Google	 GPS Map Camera Ganapuram, Andhra Pradesh, India Wc2c+9f Park Pothireddy Padu Head Regulator, Ganapuram, Andhra Pradesh 518401, India Lat 15.901005° Long 78.421969° Thursday, 11/12/2025 11:25 AM GMT +05:30 Google

Information Theory Society Students Chapter (SBC15721D)
&
IEEE Communications Society Students Chapter (SBC15721)

&
IEEE Microwave Theory and Techniques Students Chapter (SBC15721)

&
IEEE Sensors Council (SBC15721H

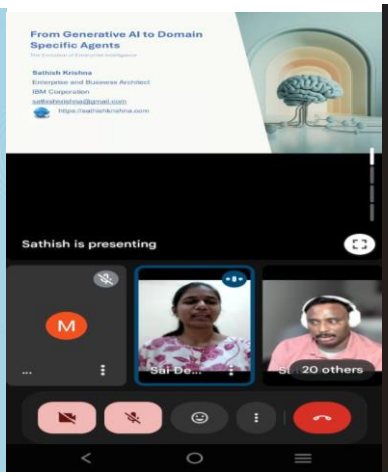
1. IEEE GPREC SENSORS COUNCIL, IEEE IT Society jointly organized in association with IEEE Ananthapuramu Subsection, IEEE Vardhaman SBC,IEEE VNRVJIET SBC conducted an online technical talk "From Generative AI to Domain-Specific Agents" on 22 nd November 2025 through google meet.Total number of attendees are 30. Among, IEEE Execom members are 25.
2. IEEE GPREC SENSORS COUNCIL in association with IEEE MTTSoc, IEEE COMsoc, IEEE ITSoc conducted an event "**TECHNOLEDGICA 4.0 Phase 2 – MIND SPRINT (Tech Escape Room)"** on 23rd December 2025 in ECE 7 classroom, ECE Dept. Total number of attendees are 35. Among, IEEE members are 20.
3. IEEE GPREC SENSORS COUNCIL in association with IEEE MTTSoc, IEEE COMsoc, IEEE ITSoc conducted an event "**TECHNOLEDGICA 4.0 Phase 2 – MIND SPRINT (Tech Charades)"** on 24th December 2025 in ECE 7 classroom, ECE Dept. Total number of attendees are 25. Among, IEEE members are 17.
4. IEEE GPREC MTTS SBC in association GPREC IEEE COMSOC SBC, organized a Two Day Hands on Session on "**Robotics with AI**" 5th & 6th December 2025 at R@D centre dept of ECE, GPRECand the resource person is Dr Shameer Ahmed, Managing Director, ZAS Robotics, Bangalore. Total number of participants is 25.
5. **IEEE GPREC COMSOC** conducted an awareness program "**Mental Health and You: A Student–Psychologist Exchange"** for ECE 2nd year students on 9th December 2025,TH-2 T&P Block. Total attendees 28. Number of attendees 71.

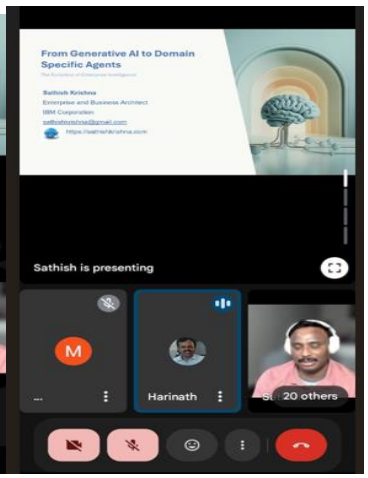
Event Name	**From Generative AI to Domain-Specific Agents**
Name of the Cell and Forum/Society	**CAA – IEEE SENSORS COUNCIL, IEEE IT Society**
Date	**22/11/2025**
Event Type	**Technical Webinar**
Venue	**Online-Google Meet**
Number of Participants	**30 (IEEE – 25, Non-IEEE – 05)**
Objective To provide students and faculty with an understanding of the transition from traditional Generative AI models to domain-specific intelligent agents, and to expose attendees to current advancements, applications, and research opportunities in AI-driven automation.	
Highlights Expert talk delivered by industry professional • Overview of Generative AI foundations and recent advancements • Introduction to domain-specific agent design and architecture • Demonstration of real-world industrial and research case studies • Interactive Q&A and discussion career opportunities	

Outcome

The session enhanced participants' knowledge on emerging AI trends related to intelligent agents and their applications. Attendees gained clarity on potential research directions, industry requirements, and skillsets necessary to work with next-generation AI systems. Several participants expressed interest in pursuing projects, publications, and future workshops in this area.

Photos





Event Name: TECHNOLEDGICA 4.0 Phase 2 – MIND SPRINT (Tech Escape Room)	
In collaboration with: IEEE MTT Society, IEEE IT & IEEE Comsoc	**Organized By:** IEEE Sensors Council
Date : 23.12.25	**Hosted By:** IEEE GPREC Student Branch.
Venue: ECE Block 3, ECE-7	**Number of Participants:** 35 Students
Objective: A Tech Escape Room aims to apply technical knowledge in a practical and engaging way while strengthening problem-solving, critical thinking, and teamwork skills. It encourages collaboration, creativity, and effective communication as participants solve time-bound challenges. The event transforms theoretical learning into an immersive, hands-on experience that makes problem solving exciting and impactful.	
Highlights: Tech Escape Room highlights an immersive, time-bound challenge filled with interactive technical puzzles that engage participants. It promotes teamwork, strategic thinking, and effective communication in a competitive yet enjoyable environment. By blending excitement with learning, the activity makes technical concepts memorable and encourages active participation.	
Outcome: This event includes enhanced problem-solving and critical thinking skills, along with stronger teamwork and communication abilities. Participants gain practical experience in applying technical concepts under pressure, boosting confidence and decision-making. The activity leaves a lasting impact by increasing engagement and interest in technical learning and IEEE initiatives.	
Photos	

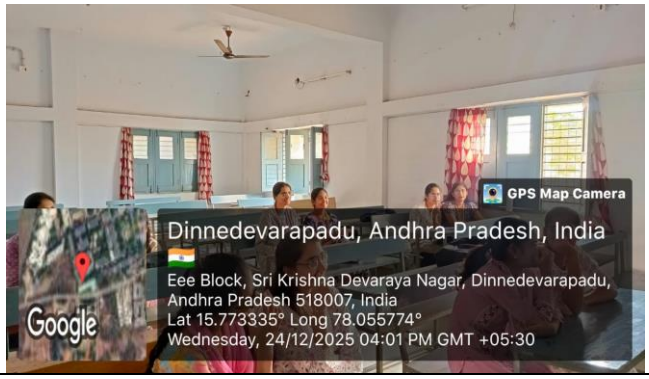
	
	

Event Name: TECHNOLEDGICA 4.0 Phase 2 – MIND SPRINT (TECH CHARADES)	
In collaboration with: IEEE IT Society, IEEE MTTS & IEEE Comsoc.	**Organized By:** IEEE Sensors Council
Date : 24.12.25	**Hosted By:** IEEE GPREC Student Branch.
Venue**:** ECE Block 3, ECE-7	**Number of Participants:** 25 Students
Objective: The primary objective of the event was to enhance creative thinking and analytical skills among students by encouraging them to represent technical concepts using gestures. The event focused on improving teamwork, communication, and quick decision-making abilities while reinforcing students' understanding of technical terminology. It also aimed to promote active participation in IEEE activities and foster collaborative learning among students from different engineering disciplines.	

Highlights: The event witnessed enthusiastic participation from students across various branches, creating a lively and engaging atmosphere. Participants worked in teams to enact technical terms related to electronics, communication systems, sensors, computer science, and emerging technologies without the use of verbal clues. The innovative representations and spontaneous performances added excitement to the
event. Judging was conducted based on accuracy, creativity, time management, and teamwork. Effective coordination by IEEE student volunteers ensured smooth execution of the event within the scheduled time.

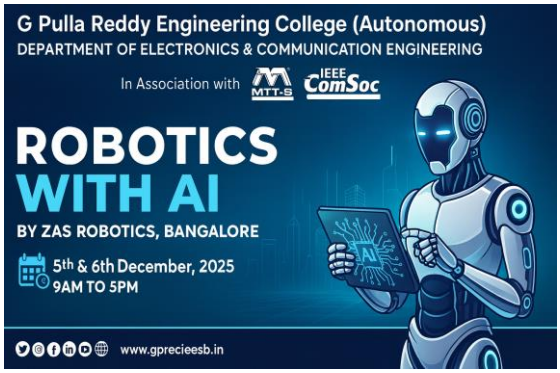
Outcome: The event successfully improved participants' conceptual clarity and understanding of technical concepts while enhancing their communication and leadership skills. Students developed confidence, teamwork, and collaborative problem-solving abilities through active participation. The event also increased awareness and interest in IEEE student activities and demonstrated that technical learning can be both effective and enjoyable. Overall, the event contributed positively to the holistic development
of the students.

Photos



Event Name: Two Day Hands on Session on "**Robotics with AI**"	
Name of the Cell and Forum/Society: IEEE Microwave Theory & Techniques Society (MTTSOC), GPREC Student Branch	
Date: 5th & 6th December 2025	Event Type: Workshop
Venue: R & D Department. ECE Block-III, G. Pulla Reddy Engineering College	Number of Participants: Approximately 25
Resource Person: Dr Shameer Ahmed, Managing Director, ZAS Robotics, Bangalore.	
Objective: To introduce participants to the fundamentals of robotics integrated with Artificial Intelligence. The workshop aims to build hands-on skills in robot design, sensing, control, and basic AI techniques such as machine learning and computer vision for intelligent decision-making.	
Description: This two-day workshop on Robotics with Artificial Intelligence offers a comprehensive introduction to intelligent robotic systems through a balanced mix of theory and hands-on practice. Participants will explore core concepts of robotics, including mechanical design, sensors, actuators, and control systems, along with essential AI techniques such as machine learning, computer vision, and decision-making algorithms. Practical sessions focus on programming robots to perceive their environment, make intelligent decisions, and perform autonomous tasks. The workshop emphasizes real-world applications, enabling participants to understand how Robotics with AI is transforming industries such as manufacturing, healthcare, agriculture, and smart automation.	
Outcome:1. Ability to design, program, and operate basic robotic systems integrated with AI techniques. 2. Hands-on experience in applying AI algorithms for perception, decision-making, and autonomous control. 3. Understanding of real-world applications and career opportunities in Robotics with Artificial Intelligence.	

Photos:



 GPS Map Camera Kurnool, Andhra Pradesh, India Nandyal Road, Rayalaseema University, Kurnool, Andhra Pradesh, 518007, India Lat 15.77329, Long 78.05578 06/12/2025 10:05 AM GMT +05:30	 ROBOTICS WITH AI GPS Map Camera Kurnool,Andhra Pradesh,India Nandyal Road, Rayalaseema University, Kurnool, Andhra Pradesh 518007, India Lat 15.773566, Long 78.055911 12/06/2025 10:02 AM GMT+05:30 Note : Captured by GPS Map Camera

Event Name:"**Mental Health and You: A Student–Psychologist Exchange**	
In collaboration with: Dept of ECE	**Organized By:** IEEE COMSOC
Date : 09-12-25	**Hosted By:** IEEE GPREC Student Branch.
Venue: TH 2 ,T&P Block	**Number of Participants:** 71 Students

Objective: The primary objective of the program "Mental Health and You: A Student–Psychologist Exchange" was to create awareness among second-year ECE students about mental health, emotional well-being, and stress management. The session aimed to encourage open communication, reduce stigma related to mental health issues, and help students develop healthy coping strategies

Highlights:

The Department of Electronics and Communication Engineering organized an interactive mental health awareness session titled "Mental Health and You: A Student–Psychologist Exchange" for second-year ECE students. The session was conducted by Dr. Jyothirmai, a renowned psychologist from Kurnool.
Dr. Jyothirmai explained the importance of mental health in academic performance and personal growth. She discussed common challenges faced by engineering students such as stress, anxiety, peer pressure, and fear of failure. The session also included an interactive exchange where students openly shared their concerns and received practical guidance.

Outcome:

Students gained awareness about mental health and emotional well-being. Participants learned stress management techniques. The session encouraged open discussion without stigma. Students felt motivated to adopt positive coping strategies.

Pho

IEEE Computer Society Students Chapter (SBC15721C)
&
IEEE Computational Intelligent Society Students Chapter (SBC15721H)

1.The GPREC IEEE-CIS chapter of CSE(AI & ML) Department has organized **Guest lecture on " How AI helps in IT Prompting"** for II-year CSE(AI & ML) students on 06th December 2025 from 11:00am to 12:30pm in ECS Labs-1,2 ,5 & 6.A total of 180 students were participated in the event.The main objective of the event is to introduce learners to the role of Artificial Intelligence in enhancing IT prompting techniques, with a focus on how effective prompt design improves interaction with AI systems.

2.The GPREC IEEE-CIS chapter of CSE(AI & ML) Department has organized an event named " **Visionary Voices** " for II-year CSE(AI & ML) students on 08th December 2025 from 11:00am to 12:00noon in ECS Lab-6 .A total of 56 students were participated in the event.The main objective of the event was to introduce learners with the basics Quantum computing which is the most trending technology.

3.The GPREC IEEE-CIS chapter of CSE(AI & ML) Department has organized an event named "**Tech Masti "** for II-year CSE(AI & ML) students on 16th December 2025 from 11:00am to 12:00noon in ECS Lab-6. A total of 65 students were participated in the event.The main objective of the event was to enhance problem solving and debugging,logical & analytical thinking and improve confidence building.

3. IEEE-CS organized an event '**TechTalk'** on **6th December, 2025** from **02:30 AM to 03:20 PM** at ME-7.

4. IEEE-CS organized a webinar '**Administrative Meet'** on **10th December, 2025** from **03:20 PM to 04:00 PM** at CS-1.

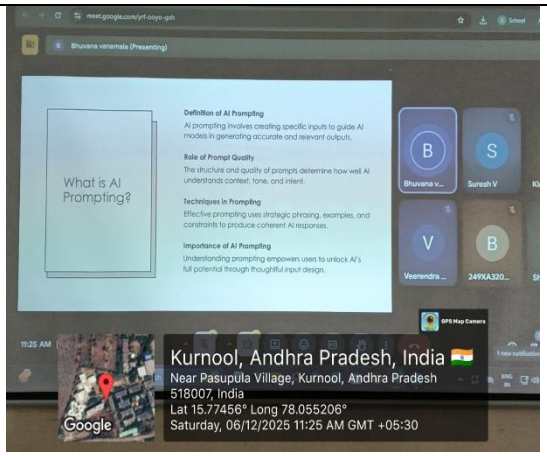
5. IEEE-CS organized an event **'FunTech Fiesta** on **20th December, 2025** from **09:50 AM to 10:40 AM** at CS-4.

6. IEEE- CS organized an event '**Mind Spark'** on **23rd December, 2025** from **03:20 PM to 4:00 PM** at CS – 5.

Event Name: HOW AI HELPS IN IT PROMPTING	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA–IEEECIS**
Date:06-12-2025	**Event Type: Guest Lecture**
Venue: CSM Labs-1,2,5,6	**Number of Participants:180**
Objective: The objective of this guest lecture is to introduce learners to the role of Artificial Intelligence in enhancing IT prompting techniques, with a focus on how effective prompt design improves interaction with AI systems.	
Description of the event: The IEEE-CIS organized a Guest lecture on "How AI helps in IT Prompting" by Ms.V.Bhuvana, Analyst, TCS Bengaluru on 06-12 -2025. She provided valuable insights on the various prompting techniques by demonstrating how they respond to user prompts to support various tasks in data handling and automation and emphasized on best practices in prompt formulation, the role of context and clarity, and how AI enhances efficiency, reduces manual effort, and improves problem-solving capabilities.	

Outcome: Students gained knowledge on how to use prompting techniques.

Photos



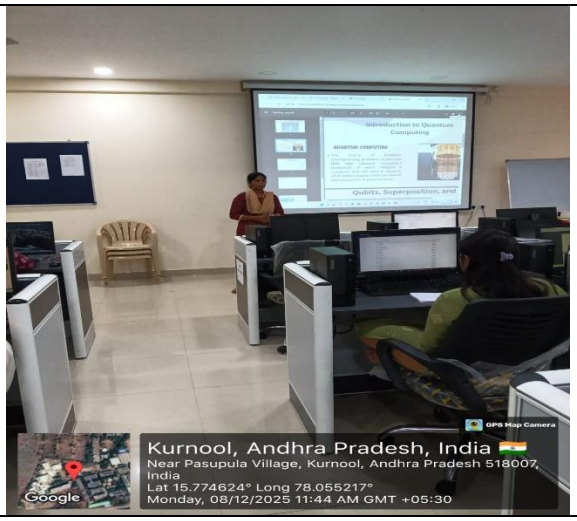
Event Name: Visionary Voices	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA–IEEECIS**
Date:08-12-2025	**Event Type: Seminar**
Venue: CSM Lab-6	**Number of Participants:56**

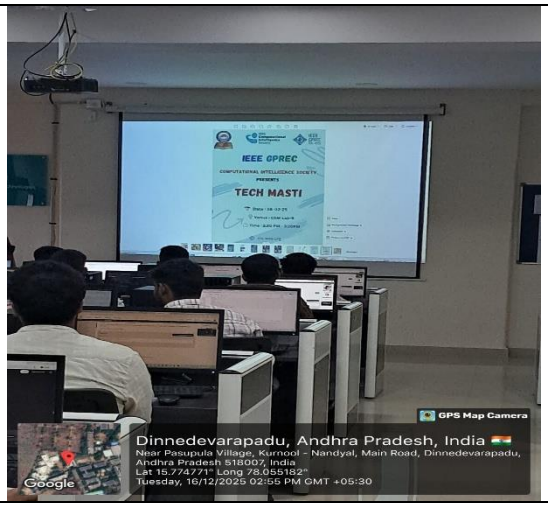
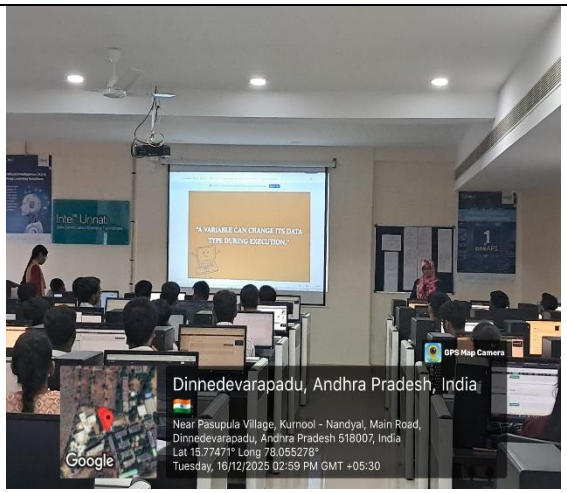
Objective: The objective of this seminar is to introduce learners with the basics Quantum computing which is the most trending technology.

Description of the event: The IEEE-CIS organized seminar on fundamentals of Quantum Computing, explaining how principles like superposition and entanglement enable quantum computers to solve certain problems faster than classical systems. It highlighted current advancements, practical applications, and future opportunities in areas such as cryptography, optimization, and artificial intelligence, making it suitable for students and technology enthusiasts.

Outcome: Students acquired knowledge on basics of Quantum computing

Photos



Event Name: Tech Masti	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA–IEEECIS**
Date:16-12-2025	**Event Type: Problem solving in Python**
Venue: CSM Lab-6	**Number of Participants:65**
Objective: To enhance problem solving and debugging,logical & analytical thinking and improve confidence building.	
Description of the event: The IEEE-CIS organized an event named “TECH MASTI” on 16-12-2025. The event challenged participants to debuging of errors in the codes,finding myths and facts in python,enhancing problem-solving and critical thinking skills in a fun and interactive way.	
Outcome: Students enhanced their problem-solving skills	
Photos	
	

Event Name: Tech Talk	
Name of the cell and Forum/society: CAA	
Date: 6th Dec, 2025	**Event Type:** Technical
Venue: ME-7	**Number of Participants:** 25

Objective:

The objective of this event was to engage students in an insightful discussion on cybersecurity and its real-world significance. The session aimed to highlight cyber-attacks as strategic tools in modern conflicts and emphasize the importance of cybersecurity awareness in a digitally dependent world.

The focus was on applied understanding rather than foundational concepts.

Description:

The event featured an engaging talk on cybersecurity, addressing contemporary threat landscapes and attack methodologies. A detailed case study on the 2006 cyber-attack on Estonia by Russian hacktivists was presented to illustrate large-scale coordinated cyber warfare. Real-world impacts on government, banking, and communication systems were discussed to encourage analytical thinking.

Outcome:

The session generated strong engagement and thoughtful discussions among students on cyber warfare and national security. Participants gained a deeper understanding of the scale, consequences, and strategic nature of cyber-attacks. The event successfully fostered interest in advanced
cybersecurity concepts and real-world applications.

Photos

Event Name: Action Plan Meeting	
Name of the cell and Forum/society: CAA	
Date: 10th Dec, 2025	**Event Type:** Administrative
Venue: CS-1	**Number of Participants:**
Objective: To brief existing second-year IEEE Computer Society members on their roles, responsibilities, and expectations within the chapter, and to discuss the action plan for forthcoming activities. The meeting also aimed to strengthen collaboration among members to ensure smooth execution of events under the guidance of the faculty advisor	
Description: The meeting focused on explaining member responsibilities, workflow, and active participation in the chapter. Senior members and the faculty advisor discussed ongoing and upcoming activities, membership roles, and expectations.	
Outcome: Members gained a clearer understanding of their duties, the event planning process, and teamwork requirements. The chapter finalized a preliminary action plan, enhancing coordination, and cooperation between members, senior coordinators and faculty advisor.	
Photos	
	

Event Name: FunTech Fiesta	
Name of the cell and Forum/society: CAA	
Date: 20th Dec, 2025	**Event Type:** Technical
Venue: CS-4	**Number of Participants:** 65

Objective:
A technical quiz on the Basics of Python and Functions of Operating Systems was conducted under the IEEE Computer Society to enhance the skills of second-year BTech students. An aptitude quiz was also organized to improve their problem-solving and time-management abilities.

Description:
The technical quiz covered Basics of Python and Functions of Operating Systems. Additionally, an aptitude quiz was organized to improve students' problem-solving abilities and time management.
The event helped students strengthen their foundational skills.

Outcome:
Through this event, students gained basic knowledge of Python, Operating Systems, and aptitude. They also actively participated in the fun games conducted and won exciting prizes.

Photos

Event Name: Mind Spark	
Name of the cell and Forum/society: CAA	
Date: 23rd Dec, 2025	**Event Type:** Administrative
Venue: CS - 1	**Number of Participants:** 30

Objective:
Mind Spark event was to enhance students' technical knowledge while encouraging logical thinking, creativity, and teamwork. The event aimed to create an engaging learning environment where students could improve their problem-solving skills, boost confidence.

Description:
The event included a technical quiz covering core computer science concepts along with fun activities such as puzzles, rapid-fire rounds, and brain teasers. Students participated individually and in teams, which encouraged collaboration and healthy competition.

Outcome:
Students improved their critical thinking, teamwork, and communication skills. The activities helped reduce stress while reinforcing technical concepts.

Photos

G. PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS); KURNOOL
List of Student Activities conducted in the month of January- 2026

Civil Engineering Department
IE(I) Students Chapter

1. The GPREC of Civil Engineering Department IEI students chapter conducted a seminar on **"Internship Opportunities at Construction Management and Training Institute (CMTI), Bangalore"**on 7th January 2026, in SG-2. The seminar is delivered **by Er. Ashok Kumar, Managing Director of CMTI**. The total no of 130 students from VIth semester along with 6 faculty participated in this event. The event is organized by Dr. M. Deepak, Assistant Professor of CED and assisted by Dr. Sowjanya, Dr. E. Sanjeeva Rayudu, Sri. V. K. Vishweswararao, Assistant Professors of CED.

2. The GPREC of Civil Engineering Department IEI students chapter conductedaonline program to all the IVth semester students on **"Interaction Session on Adani Cement FutureX"**on 20th January 2026, in SG-1. The seminar was conducted through online by**Mr.Ajay Kapur, Managing Director of Adani Cement and Ambuja &ACC**addressed the gathering and delivered the various cement grades and the future plans of Adani group in the Industry. A total no of 128 students participated in the event. **Various engineering colleges from allover the India participated in this program through online.**They provided snacks and Tea for all the participants.**Adani cement Regional Manager, Sri. Y. Yedukondalu and his team of 6 members** also participated in the event. This event is organized by Adani Group of Cements and coordinated by Sri. M. Santhosh Kumar, assisted by Dr. Sowjanya, Miss. J. Sravani, Dr. Siva Krishna Reddy,Assistant Professors of CED.

Event No.: 1	
Event Name: Internship Opportunities at Construction Management and Training Institute (CMTI), Bangalore	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date:**07-01-2026, 11:00 AM to1:00 PM**	**Event Type:** Awareness on Internship Opportunities
Venue:SG-2, GPREC(A)	**Number of Participants:**The total no of 130 teams with each team three students participated.
Objective: • To create awareness among VI Semester Civil Engineering students about internship opportunities and professional training programs offered by the Construction Management and Training Institute (CMTI), Bangalore. • To bridge the gap between academic learning and industry practices by exposing students to real-time construction management concepts and site-oriented skills. • To motivate students to enhance their employability skills, career planning, and	

professional competence through structured internships and certifications.

Highlights: The seminar was delivered by Er. Ashok Kumar, Managing Director, CMTI, Bangalore, who shared valuable insights on industry expectations and emerging trends in construction management.The speaker elaborated on internship structure, duration, training modules, site exposure, and career prospects in construction management.The event was successfully coordinated by Dr. M. Deepak and supported by faculty members of the Civil Engineering Department, ensuring smooth execution.

Outcome:

- Students gained a clear understanding of internship pathways, industry requirements, and the role of construction management in civil engineering careers.
- The seminar enhanced students' career awareness and professional orientation, encouraging them to pursue internships and skill-based training programs.
- Faculty–industry interaction was strengthened, promoting future collaborations, training programs, and professional development activities for students.

Photos

Event No.: 2	
Event Name: Interaction Session on Adani Cement FutureX	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date:**20-01-2026, 2:00 PM to3:20 PM**	**Event Type:** Importing Technical Knowledge
Venue:SG-1, GPREC(A)	**Number of Participants:**The total no of 128students along with6 facultyparticipated in this event.

Objective:

- To provide IV Semester Civil Engineering students with industry-oriented knowledge on cement manufacturing, grades, and applications through direct interaction with industry experts.
- To familiarize students with the future vision, innovation strategies, and sustainability initiatives of the Adani Group in the cement industry.
- To enhance students' understanding of career opportunities and industry expectations in the cement and construction sector.

Highlights: The online interaction session was delivered by Mr. Ajay Kapur, Managing Director of Adani Cement and Ambuja & ACC, who addressed the gathering and shared insights on various cement grades and future plans of the Adani Group.A total of 128 IV Semester students from GPREC participated actively, along with participants from various engineering colleges across India, making the program a national-level interaction.Adani Cement Regional Manager, Sri. Y. Yedukondalu, along with his team of six members, also participated, strengthening industry–academia interaction.

Outcome:

- tudents gained enhanced knowledge about cement grades, quality parameters, and their practical applications in construction projects.

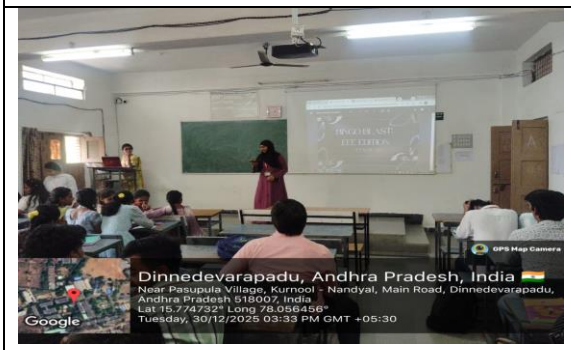
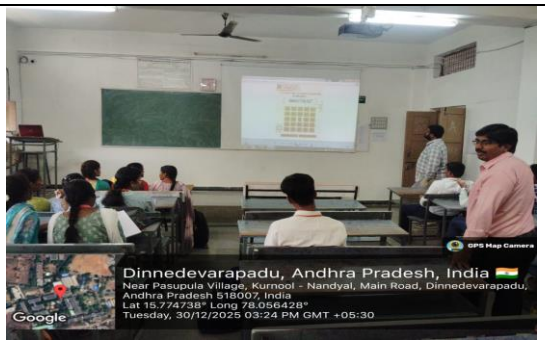
- he interaction improved students' awareness of industry trends, technological advancements, and future opportunities in the cement sector.
- he event strengthened industry–institute collaboration, motivating students to align their academic learning with real-world industrial practices and career pathways.

Photos

Electrical & Electronics Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Bingo Blast event by II B.Tech EEE students 249XA02017 - D. Ganga 249XA02018 - D. Kousar Bhanu during **30-12-2025**and total of 35 students attended this Program.
2. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Career Pathways through GATE Examination to II B.Tech EEE students Session by Resource person Mr.K.Niteesh Kumar garu Assistant Professor EEE Dept, GPREC, during 05-01-2026 and total of 20 students attended this Program.

3. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Charge the Brain event by II B.Tech EEE students 249XA02002 - Deekshitha 249XA02009 – Charitha during 6-1-2026 and total of 31 students attended this Program.
4. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Mind Marathon event by II B.Tech EEE students 249XA02132 – U.S Fazal during 10-1-2026 and total of 31 students attended this Program.
5. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Technical Quiz event by II B.Tech EEE students 249XA02078 – M Sajida Banu during 20-1-2026 and total of 18 students attended this Program.

Event Name: Bingo Blast	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:30-12-2025	**Event Type:** Career development
Venue: EEE Class room	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 35**
Objective: To engage engineering students in an interactive Bingo Blast activity that reinforces core engineering concepts, promotes teamwork, and enhances problem-solving and critical-thinking skills in an enjoyable learning environment.	
Description: The II B.Tech EEE studens 249XA02017 - D. Ganga 249XA02018 - D. Kousar Bhanu conducted Bingo Blast event. Bingo Blast is an interactive and high-energy game designed specifically for engineering students as part of the Engineering Blast event. This activity combines the excitement of classic bingo with engineering-themed challenges, technical trivia, and problem-solving tasks. Participants mark their bingo cards by correctly answering questions related to core engineering concepts, real-world applications, logical reasoning, and basic calculations. The game encourages quick thinking, teamwork, and technical knowledge while creating a fun and engaging learning environment. Bingo Blast not only reinforces academic concepts across various engineering disciplines but also promotes collaboration, communication, and healthy competition among participants. Perfect as an icebreaker or competitive activity, Bingo Blast adds an element of fun to Engineering Blast while strengthening students' confidence, creativity, and analytical skills.	
Outcome: The activity enhanced students' understanding of fundamental engineering concepts in an engaging manner.It improved their analytical thinking and quick problem-solving abilities. Students developed teamwork and communication skills through collaborative participation. The game fostered confidence, enthusiasm, and active involvement in engineering learning.	
Photos	
	

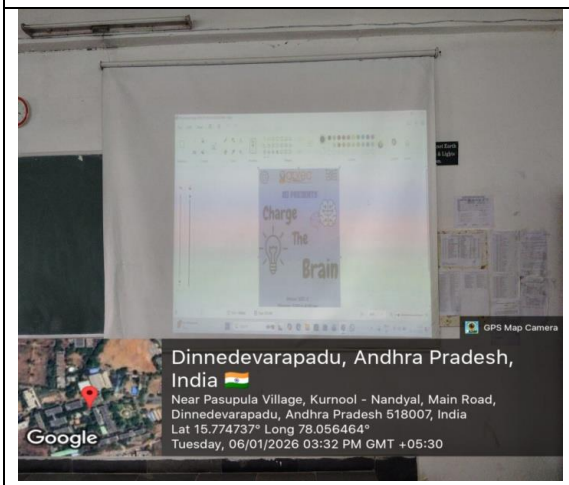
Event Name: Career Pathways through GATE Examination	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:05-01-2026	**Event Type:** Awareness Session on Gate exam
Venue: EEE Class room-EEE block2	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 20**
Objective: The GATE examination aims to evaluate a candidate's conceptual understanding of core engineering and science subjects, serving as a gateway to multiple career pathways. It provides opportunities for higher education such as M.Tech, MS, and PhD programs in prestigious institutions like IITs, NITs, and IISc, and facilitates recruitment into leading Public Sector Undertakings. Additionally, GATE supports careers in research, academics, and advanced technical roles across industries..	
Description: IE(I) students chapter of EEE department organized a Career Pathways through GATE Examination for II, B.Tech EEE students. Mr. K. Niteesh Kumar, Assistant Professor, EEE Department, provided valuable insights and guidance on GATE preparation. The GATE (Graduate Aptitude Test in Engineering) examination is designed to assess a candidate's in-depth knowledge and analytical understanding of core subjects in engineering, technology, and science. It acts as a crucial platform for identifying academically strong candidates for postgraduate studies such as M.Tech, MS, and PhD in reputed institutions like IITs, NITs, and IISc. The examination also serves as a key criterion for recruitment by various Public Sector Undertakings (PSUs). Overall, GATE plays a significant role in shaping professional careers in higher education, research, teaching, and specialized technical roles in industry.	
Outcome: The outcome of the GATE examination is that qualified candidates gain access to diverse academic and professional opportunities. Successful performance enables admission to postgraduate and doctoral programs in top institutions, enhances eligibility for PSU recruitment, and strengthens prospects in research, teaching, and advanced engineering roles. Overall, GATE helps candidates build a strong foundation for long-term career growth and specialization.	
Photos	

Event Name: Charge the Brain	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:6-1-2026	**Event Type:** Personality development
Venue: EEE Class room	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 31**
Objective: Charge the Brain aims to stimulate critical thinking and innovation among engineering students through challenging technical and aptitude-based activities. The objective is to enhance problem-solving skills, logical reasoning, and the practical application of engineering concepts in a dynamic and competitive environment.	
Description: The II B.Tech EEE student 249XA02002 - Deekshitha 249XA02009 - Charitha conducted Charge the Brain event. Charge the Brain is an interactive and intellectually stimulating event designed for engineering students to sharpen their technical knowledge and cognitive abilities. The event includes a mix of technical questions, aptitude challenges, and logical puzzles that test participants' thinking speed and accuracy. It encourages innovative problem-solving and analytical reasoning under	

time constraints. Students are challenged to apply theoretical concepts to real-world scenarios. The event promotes active learning through competition and engagement. It also fosters teamwork, communication, and strategic thinking. Charge the Brain creates a platform for students to enhance confidence and technical readiness. Overall, it energizes young engineers to think smarter and perform better.

Outcome: Participants will develop stronger analytical and logical reasoning skills. They will enhance their understanding of core engineering and technical concepts. The event improves quick thinking and effective decision-making under pressure. Students gain confidence in tackling complex and unfamiliar problems. Team-based activities strengthen collaboration and communication skills. Participants learn to apply theoretical knowledge to practical situations. The event nurtures creativity and innovative thinking. Overall, it prepares students for technical interviews, exams, and real-world engineering challenges.

Photos



Event Name: Mind Marathon	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:10-1-2026	**Event Type:** Personality development
Venue: EEE Class room	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 31**
Objective: To challenge engineering students' analytical thinking, technical knowledge, and problem-solving skills through a fast-paced technical quiz. It encourages logical reasoning, teamwork, and application of core engineering concepts in a competitive learning environment.	
Description: The II B.Tech EEE student 249XA02132-U S Fazal conducted Mind Marathon event. Mind Marathon is a knowledge-driven technical quiz event aimed at engineering students across all disciplines. It tests participants on core engineering concepts, technical aptitude, and logical reasoning. The event encourages critical thinking and quick decision-making under time constraints. Questions range from fundamentals to application-based problems. It helps students assess their technical strengths and areas for improvement. Mind Marathon promotes healthy competition and collaborative learning. It also enhances problem-solving and analytical skills essential for engineering careers. The event provides an interactive platform to learn, compete, and grow intellectually.	
Outcome: Participants will strengthen their understanding of core engineering and technical concepts. They will improve logical reasoning, analytical thinking, and problem-solving skills. The event enhances quick decision-making and time management abilities. Students gain exposure to competitive technical environments. Teamwork and communication skills are reinforced through collaborative rounds. Participants build confidence in applying theoretical knowledge to practical questions. The quiz encourages continuous learning and curiosity in engineering domains. Overall, it prepares students for technical interviews and competitive examinations..	
Photos	
	

Mechanical Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of Mechanical Engineering Department, G. Pulla Reddy Engineering College (Autonomous), Kurnool, successfully organized a Five-Day Technical Workshop for students titled **"Tech Fusion – 2026"** during **06-01-2026 to 10-01-2026**.
2. The GPREC IE(I) Student Chapter of Mechanical Engineering Department conducted A "ENGINEER'S EYE – Picture-Based Technical Quiz" on 10th January 2026 for B.Tech II year Mechanical Students.

Event Name: Tech Fusion – 2026a Five-Day Technical Workshop	
Name of the cell and Forum/society (CAA)	**IE(I) ME Department**
Date:6th to 10th January 2026	**Event Type:Workshop**
Venue:ME -Seminar Gallery	**Number of Participants:123**
Resource Person: Various Faculty from other colleges and other departments.	
Objective: To provide exposure to emerging technologies in Mechanical Engineering and allied disciplines.To enhance students' understanding of interdisciplinary engineering concepts.To encourage innovation, problem-solving skills, and project-based learning.To motivate students towards higher studies, research, and careers in advanced engineering domains	
Description: The Department of Mechanical Engineering, G. Pulla Reddy Engineering College (Autonomous), Kurnool, successfully organized a Five-Day Technical Workshop for students titled **"Tech Fusion – 2026"** during **06-01-2026 to 10-01-2026**. The workshop was designed to expose undergraduate students to emerging and interdisciplinary technologies relevant to modern mechanical engineering and allied domains. The program focused on bridging the gap between theoretical knowledge and practical/industrial applications through expert lectures, demonstrations, and hands-on sessions.	
Outcome: Students gained interdisciplinary knowledge in emerging technologies such as thermal energy storage, drone technology, electric vehicles, robotics, composites, and additive manufacturing.Improved awareness of industrial practices, research trends, and advanced engineering tools. Enhanced problem-solving ability and motivation towards project work and innovation.	
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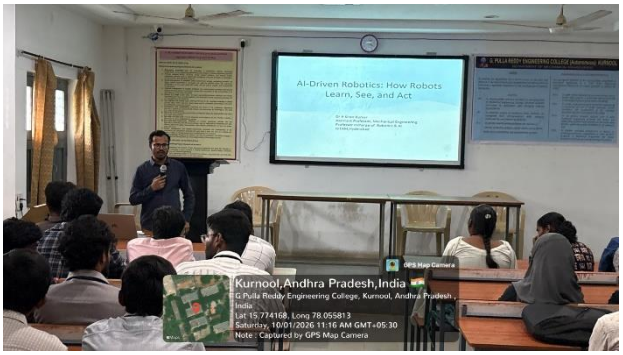	

Event Name: ENGINEER'S EYE – Picture-Based Technical Quiz	
Name of the cell and Forum/society (CAA)	**IE(I) ME Department**
Date:10th January 2026(11:50 to12:30 PM)	**Event Type:Fun Based Knowledge gaining**
Venue:ME-1 LH	**Number of Participants:55**
Resource Person: Second Year T&P Volunteers	
Objective: To enhance visual learning and concept identification skills among mechanical engineering students.To improve core subject knowledge and technical awareness and develop logical thinking, observation ability, and quick decision-making skills.	
Description:ENGINEER'S EYE is an interactive and engaging technical event designed for Mechanical Engineering students, where participants are shown various technical images related to core mechanical subjects such as Thermodynamics, Heat Transfer, Fluid Mechanics, Manufacturing Processes, Machine Design, IC Engines, and CAD/CAM. Students are required to identify the subject, concept, component, or application based on the displayed images, followed by a quiz round to test their conceptual understanding.	
Outcome: **1.** Identify mechanical engineering subjects and components visually with better accuracy. **2.** Strengthen their understanding of core concepts through practical visual association. **3.** Improve their technical knowledge, analytical ability, and reasoning skills.	
Photos	
	

Electronics & Communication Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of the ECE Department conducted a Community Service Project titled "Agriculture Community Service Project" on 02.01.2026. The program was organized to create awareness about agriculture and to understand the challenges faced by the farming community. Students actively participated in interacting with farmers, learning about crop cultivation practices, irrigation methods, and sustainable farming techniques. The activity helped students develop social responsibility and gain practical exposure by understanding how engineering

knowledge can be applied for rural and community development. **Number of Participants: 120**

2. The GPREC IE(I) Student Chapter of the ECE Department organized a Career Guidance Seminar titled "Seminar on Career Guidance and Professional Development" on 22.01.2026 at ECE Block-1, GPREC. The seminar aimed to guide students in exploring various career opportunities after graduation. Topics such as higher education options, competitive examinations, skill development, industry expectations, resume building, and interview preparation were discussed. The session helped students gain clarity on career planning, understand industry requirements, and build confidence in making informed career decisions. **Number of Participants: 120**

<table>
<tr><td colspan="2">Event Name: Seminar on Satellites and Satellite Orbits</td></tr>
<tr><td>Name of the cell (EAA/NSS/VSC/CAA)</td><td>IE(I) Student Chapter ECE</td></tr>
<tr><td>Date:02.01.2026</td><td>Event Type: Community Service Project
Seminar</td></tr>
<tr><td>Venue: ECE Block-1, GPREC</td><td>Number of Participants: 120</td></tr>
<tr><td colspan="2">Objective:The objective of this community service project is to create awareness among students about agriculture, support the farming community, understand agricultural practices, and promote the application of basic engineering knowledge and technology to address real-time challenges faced by farmers.</td></tr>
<tr><td colspan="2">Highlights: An overview of agricultural practices, interaction with farmers, understanding crop cultivation methods, irrigation systems, use of modern technology in agriculture, and the importance of sustainable farming for community development.</td></tr>
<tr><td colspan="2">Outcome:Students will gain practical exposure to agricultural activities, develop social responsibility, understand the challenges faced by the farming community, and learn the importance of applying technical knowledge for the benefit of society and rural development.</td></tr>
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Event Name: Seminar on Satellites and Satellite Orbits	
Name of the cell (EAA/NSS/VSC/CAA)	**IE(I) Student Chapter ECE**
Date:22.01.2026	**Event Type:** Career Guidance Seminar
Venue: ECE Block-1, GPREC	**Number of Participants: 120**
Objective: The objective of this seminar is to guide students in understanding various career opportunities after graduation, higher education options, skill development requirements, competitive examinations, and industry expectations to help them make informed career decisions.	
Highlights: An overview of career paths in core engineering, IT sector, higher studies, government jobs, entrepreneurship, required skill sets, resume building, interview preparation, and guidance on choosing the right career based on individual interests and strengths.	
Outcome: Students will gain clarity on different career options available after engineering, understand the importance of skill development and continuous learning, become aware of higher education and competitive exams, and develop confidence in planning their career roadmap effectively.	
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	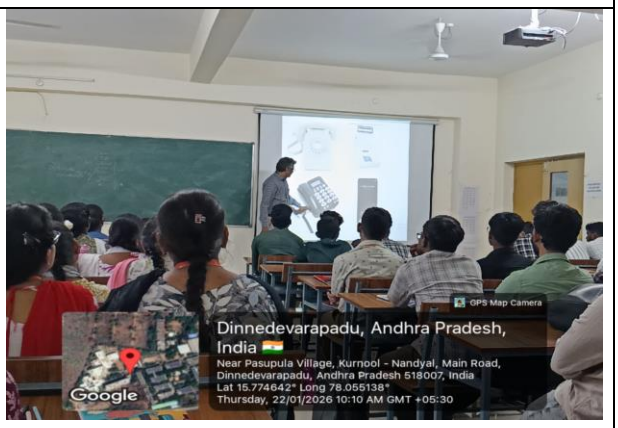
	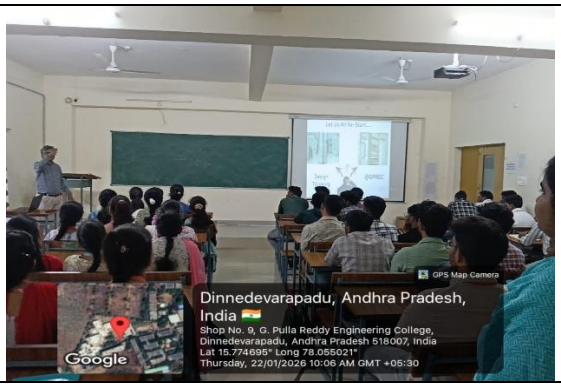

Computer Science & Engineering Department

IE(I) Students Chapter

- IEI Student Branch, Department of CSE, organized Debate 24-1-2026 from 11.50am to 12.40pm. Number of students who participated in the event was 30.
- IEI Student Branch, Department of CSE, organized MindSparx 24-1-2026 from 11.50am to 12.40 pm. Number of students who participated in the event was 30.
- IEI Student Branch, Department of CSE, organized Act and react on 24-1-2026 from 2.30 pm to 3.20 pm. Number of students who participated in the event was 60.
- IEI Student Branch, Department of CSE, organized Smart Campus through Cloud Computing on 29-1-2026 from 11am pm to 11.50 am. Number of students who participated in the event was 56.

Event Name : Debate	
Name of the cell: CAA	
Date : 24-1-2026	Event type: Technical
Venue: CS-1	No. of participants:30

Objective : The objective of the Debate event was to enhance participants' critical thinking and analytical skills by encouraging them to research, organize, and present their ideas effectively. The event aimed to improve communication skills, logical reasoning, and confidence while providing a platform for students to express their views on technical and general topics.

Highlights: Participants presented arguments for and against the given debate topics. Encouraged logical thinking, clarity of thought, and structured presentation of ideas. Interactive sessions with rebuttals that strengthened analytical and reasoning abilities.

Outcome: Participants developed stronger public speaking and debating skills. Improved confidence in expressing opinions clearly and logically. The event successfully created awareness and interest in discussing contemporary technical and general issues.

Photos:

Event Name: MindSparx	
Name of the cell: CAA	
Date:24-01-2026	**Event Type: Technical Type**
Venue:CS-3	**NumberofParticipants:30**
Objective: The objective of the Mind Sparx event was to enhance participants' understanding of logical concepts in a fun and interactive way. The event aimed to improve quick thinking, creativity, and communication skills by encouraging participants to express technical terms through actions and interpretations.	
Highlights: An engaging activity where one participant in each team can guess answer and have explanation. Post-guess explanation round to ensure clear understanding of the concept. Encouraged creativity, body language, and spontaneous thinking. Interactive and energetic atmosphere that kept participants actively involved.	
Outcome: Participants gained better conceptual understanding of Aptitude and Reasoning. Improved communication, interpretation, and presentation skills. Enhanced confidence in explaining Reasoning concepts in simple terms. Fostered creativity, quick thinking, and active learning.	
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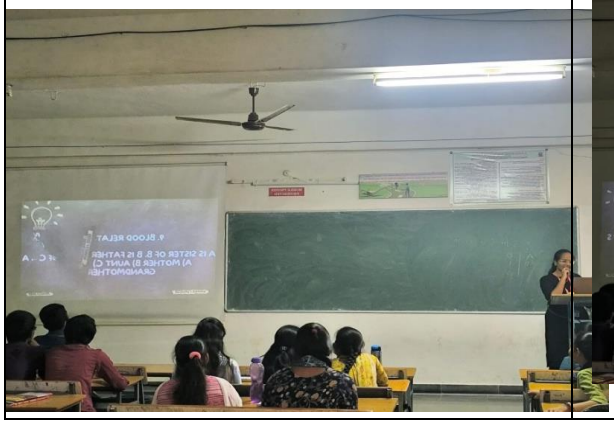
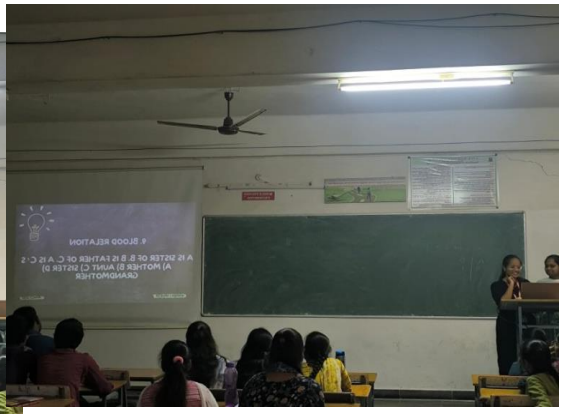
	

Event Name: Act & React	
Name of the cell: CAA	
Date:24-1-2026	**Event Type: Technical Type**
Venue: CS-5	**NumberofParticipants:60**
Objective: The objective of the Act & React event was to enhance participants' understanding of technical concepts in a fun and interactive way. The event aimed to improve quick thinking, creativity, and communication skills by encouraging participants to express	

technical terms through actions and interpretations.

Highlights: An engaging activity where one participant acted out a technical term while another guessed the word. Post-guess explanation round to ensure clear understanding of the concept. Encouraged creativity, body language, and spontaneous thinking.

Outcome:
Participants gained better conceptual understanding of technical terms. Improved communication, interpretation, and presentation skills. Enhanced confidence in explaining technical concepts in simple terms. Fostered creativity, quick thinking, and active learning

Photos:

Event Name: Smart Campus through Cloud Computing

Name of the cell: CAA	
Date:28-1-2026	**Event Type: Technical Type**
Venue: CS-5	**NumberofParticipants:56**

Objective: To enable students to **analyze real-world cloud adoption scenarios** in educational institutions. To help students understand the selection of **appropriate cloud models and services** for ERP, LMS, and online examination systems. Identification of suitable **cloud models (Public, Private, Hybrid).**

Highlights: Interactive group discussion and student participation. Practical exposure to **real-life cloud usage in education systems.** Case study discussion on migrating **college ERP, LMS, and online exams** to the cloud.
Outcome: Students gained a clear understanding of **cloud adoption strategies** for educational institutions. Students were able to **select appropriate cloud models and services** based on application requirements. Improved ability to compare **cloud-based systems with on-premise infrastructure.** Enhanced analytical thinking and problem-solving skills.
Photos:

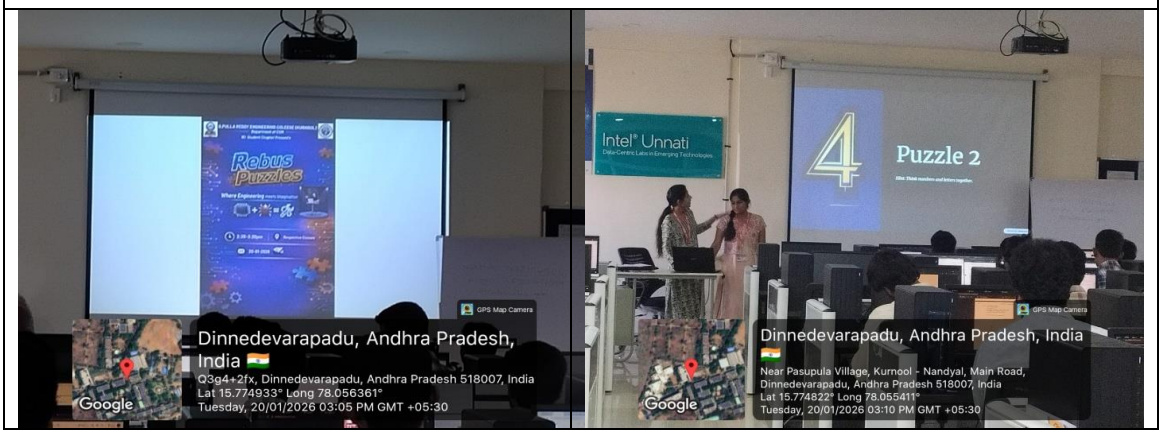
Department of Computer Science Engineering AI & ML (CSM)

1) IEI Student's Branch, Department of CSE(AI & ML), organized the **"Rebuz Puzzles"** event on**20-01-2026** from 2:30PM to 3:20PM .Number of students who participated in the event was 46.

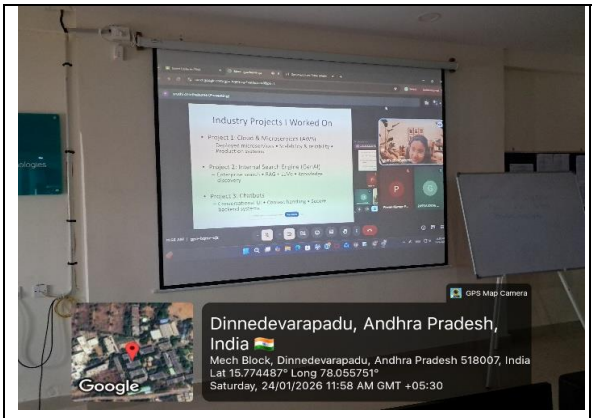
2) IEI Student Branch, Department of CSE(AI & ML) organized a Guest lecture event on" From Intern to AI Engineer: My Journey in Building GenAI Systems", by C. Durga Sruthi , Thomson Reuters, SeniorSoftware Engineer (Hyderabad) andAlumni ,on 24-01-2026 from 11:00 AM to 12:40PM .Number of students who participated in the event was 52.

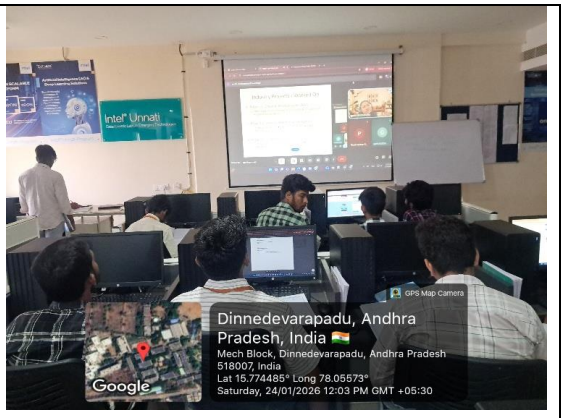
Event Name: Rebuz Puzzles	
Name of the cell and Forum/society	**CAA – IEI**
Date: 20 JAN, 2026(2:30PM – 3:20PM)	**Event Type: Technical**
Venue: CSM Lab	**Number of Participants:46**
Objective: **The main objective of this event is to self explore the quantitative aptitude capabilities of the student.**	
Description:	

As a part of IE(I) activity, GPREC IE(I)student's chapter of CSE(AI & ML) department organized an event called "Rebuz Puzzles" where students solve certain quantitative aptitude Puzzles given in a specified time. Students who solve the puzzles in time are considered as winners.	
Outcome:	**Participants actively participated.**
Photos	



Event Name: Guest Lecture on "From Intern to AI Engineer: My Journey in Building GenAI Systems".	
Name of the cell and Forum/society	**CAA – IEI**
Date:24th JAN 2026 (11:00AM – 12:40 PM)	**Event Type: Technical**
Venue: IV sem CSM Lab	**Number of Participants:52**
Objective: The main objective of this session is to create awareness on Data Science, Machine Learning and Generative AI algorithms and applications.	
Description: As a part of the student skill development program, the department of CSM organized a Guest Lecture event in association with IEI Student's Chapter called "From Intern to AI Engineer: My Journey in Building GenAI Systems" for the benefit of students byC. Durga Sruthi , Thomson Reuters, Senior Software Engineer (Hyderabad) and Alumni , on 24-01-2026 from 11:00 AM to 12:40 PM. where students were provided an opportunity to interact with the guest faculty and gain informative inputs to understand the importance of Gen AI algorithms and Projects.	
Outcome:	**Students actively participated in the event.**
Photos	





ISTE chapter

1. An event "Quizathon" was conducted for the students of IIyear and III yearB. Tech students of all branches on 24.12.2025 from 3.30 PM to 4.30 PM. The total number of students participated is 24.
2. An event "Uxflore" was conducted for the students of II year and III year B. Tech students of all branches on 07.01.2026 from 3.30 PM to 4.30 PM. The total number of students participated is 38.

Event Name:	**QUIZATHON**
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA: ISTE Students Chapter**
Date: 24-12-2025	**Event Type: Technical**
Venue:EEE-4	**Number of Participants; 24**
Objective: The objective of this event is to make students bring out their inherent abilities and talent and expose their knowledge by participating in this quizathon which gives scope for gaining knowledge in both Technical and General knowledge related areas.	
Hter activity **QUIZATHON** was conduct-	

Event Name: UXPLORE	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**ISTE Students Chapter (CAA)**
Date:07. 01. 2026	**Event Type: Lecture on UI/UX DESIGN.**
Venue: Programming Lab ,Silver Jubliee Block,GPREC, Kurnool.	**Number of Participants: 38**
Objective:UXplore, a hands-on UI/UX workshop where participants learn UI/UX fundamentals using Figma and apply them through practical implementation.	
Highlights: The session concludes with a live design challenge in which participants create two complete web screens using no-code design tools. No prior coding knowledge is required—only creativity, logical thinking, and design sense tools.	
Outcome: Participants will gain a clear understanding of UI/UX fundamentals and practical experience using Figma.They will be able to design structured, user-friendly web interfaces and confidently create basic web screens without coding.	
Photos	

CSI Student Branch
List of activities done under IEEE STB 15721

IEEE WIE AG (SBA15721), IEEE PES SBC 15721B,
IEEE PELS SBC 15721F, IEEE IAS SBC 15721E, IEEE RAS SBC15721G

1. IEEE-WIE organized an event " Triple T- Think, Trace, Triumph" on 27 th th December, 2025 from 2.00 PM to 4.00 PM in E-Class room and CS 1 room -Silver Jubilee Block..

2. IEEE- WIE organized an event '" Mathrix Arena" on 8 th January, 2026 from 2.00 PM to 3.30 PM at CS1 & E-Class room in Silver Jubilee Block.

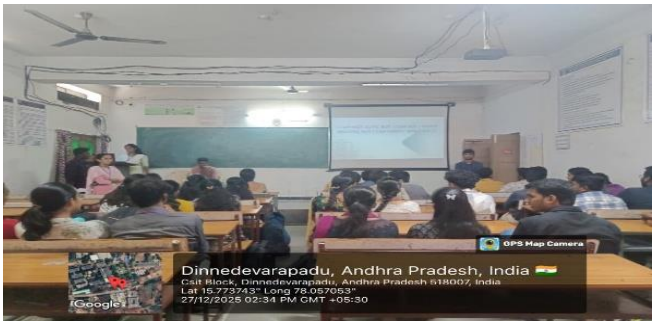
3. The IEEE RAS SBC of GPREC conducted n event on "**Sustainable Manufacturing – An Environmental Perspective"** during 9th January 2026. The resource person for this event is Dr M Nagaphani Sastry garu, Assoc Prof, ME dept, GPREC. A total of 100 were participated that includes faculty and students of GPREC.
4. IEEE IAS SBC of GPREC organized a Session on "TECH TAMBOLA " on 7-1-2026 .Number of participants for the event are 43

Event Name: Triple T (Think , Trace, Triumph)	
Name of the cell and Forum/society: IEEE -WIE	
Date: 27-12-25	**Event Type:** Technical Event
Venue: E-Class room& CS-1	**Number of Participants: 90**
Objective: The IEEE-GPREC Women In Engineering (IEEE-WIE) Affinity Group has organized a Technical Event namely Triple T (Think, Trace, Triumph) on 27th December 2025 with an objective of igniting the logical thinking and technical skills.	
Description: IEEE- WIE has organized an event "Triple T- Think, Trace, Triumph" which is an interactive event designed to explore the logical thinking, creativity, technical skills and	

fundamental concepts in basic engineering subjects. Students of I, II, III years from various branches have participated actively . The program is designed as three rounds and at each round some teams wills be eliminated based on their performance There is a tough competition in the final round. In overall , all the participants have enjoyed the event.

Outcome: Students from various branches have actively participated and they have recollected their basics in technical subjects through this program. There is a tough competition in the final round and winners team is from CSM department and runners team is from CSE department.

photos



EventName: MathrixArena

Nameofthecelland Forum/society: IEEE-WIE

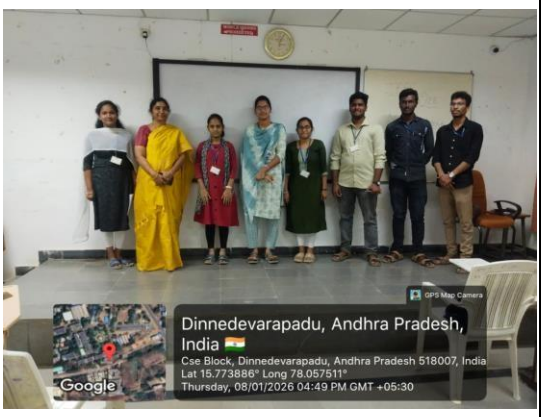
Date:08-01-26	**EventType:**TechnicalEvent
Venue:E-Classroom&CS-1	**NumberofParticipants:60**

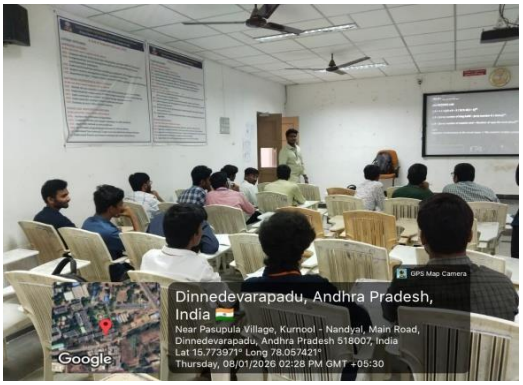
Objective: The IEEE-GPREC Women In Engineering (IEEE-WIE) Affinity Group has organized a Technical Event namely Mathrix Arena on 8th January 2026 with an objective of igniting the logical and mathematical problem solving skills.

Description: IEEE- WIE has organized an event “Mathrix Arena” which is an interactive event designedtoexplorethelogicalthinking and mathematical problem solving skills. Students of II, III years from various branches have participated actively.The program is designed as three rounds and at each round some teams will be eliminated based ontheir performance. There is a tough competition in the final round. In overall, all the participants have enjoyed the event .

Outcome: Studentsfromvariousbrancheshaveactivelyparticipatedandtheyhaveused their logical, coding and mathematical skills for solving the questions posed.Thereisatoughcompetition inthefinalroundand winners&runnersteamsarefromCSEdepartment.

Photos:

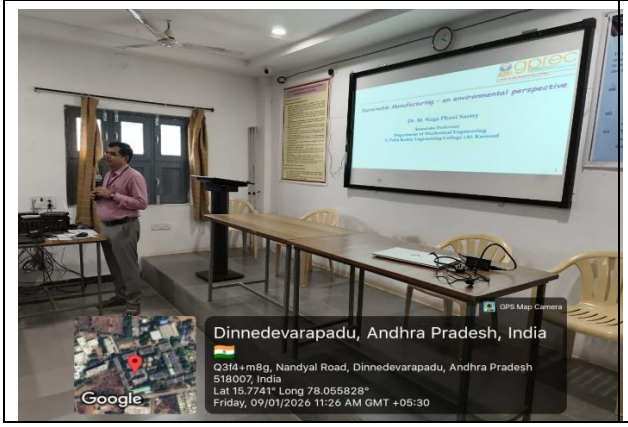




Event Name: "Sustainable Manufacturing – An Environmental Perspective"	
Name of the cell and Forum/society (CAA)	**IEEE RAS ME Department**
Date: 09th January 2026**(11:00 AM – 12:30 PM)**	**Event Type: Technical**
Venue: ME Seminar Hall	**Number of Participants: 100**
Objective: To understand the fundamentals of sustainable manufacturing from an environmental perspective.To identify the environmental impacts of conventional manufacturing processes.To study methods for reducing energy consumption, emissions, and waste in manufacturing.To analyse the role of eco-design, life cycle assessment, and circular economy practices.	
Description: Sustainable Manufacturing – An Environmental Perspective focuses on integrating environmentally responsible practices into manufacturing systems. The topic examines how materials, energy, and resources can be efficiently utilised to reduce emissions, waste, and ecological impact throughout the product life cycle. It emphasises eco-design, cleaner production, life-cycle assessment, waste minimisation, and compliance with environmental regulations to achieve long-term industrial sustainability.	
Outcomes: Explain the concept and importance of sustainable manufacturing from an environmental perspective. Identify and assess environmental impacts associated with manufacturing processes. Apply strategies for energy efficiency, waste reduction, and pollution prevention.Use life cycle thinking and eco-design principles in manufacturing	

decisions.Understand environmental regulations and sustainable manufacturing practices.

Photos



Event Name:TECH TAMBOLA	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:07-01-2026	**Event Type:**Technical
Venue:EEE , e-Classroom	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 43**

Objective: To encourage students to improve their technical knowledge
To create interest in engineering concepts beyond the classroom
To develop quick thinking and analytical skills
To provide a platform for fun-based learning
To increase participation in IEEE technical activities.

Description: Tech Tambola was conducted in a unique format where **tambola numbers were replaced with technical questions, terms, and concepts** related to

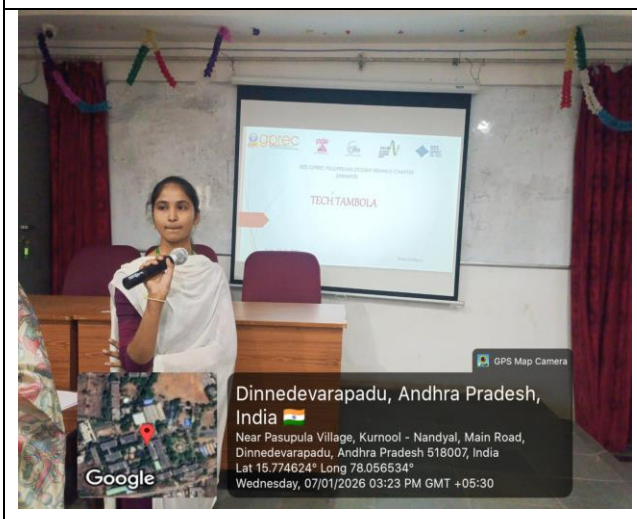
Basic Engineering
Electronics & Electrical
Computer Science
General Science & Technology
IEEE-related knowledge

Each participant received a **Tech Tambola ticket** containing technical answers, terms, or concepts instead of numbers.
The quiz master announced **questions one by one**, and participants had to identify the correct answer on their ticket. If the answer was present, they marked it.

Outcome: Participants were able to:

Recall important technical concepts quickly
Improve subject knowledge through game-based learning
Develop confidence in answering technical questions
Understand the importance of IEEE activities and teamwork

Photos



Information Theory Society Students Chapter (SBC15721D)
&
IEEE Communications Society Students Chapter (SBC15721)

&
IEEE Microwave Theory and Techniques Students Chapter (SBC15721)

&
IEEE Sensors Council (SBC15721H

1. IEEE GPREC SENSORS COUNCIL in association with IEEE MTTSoc, IEEE COMsoc, IEEE ITSoc conducted an event "TECHNOLEDGICA4.0Phase2 –Extempore Roulette (TechEscapeRoom)" on 29thDecember 2025 in ECE 7 classroom, ECE Dept. Total number of attendees are20. Among, IEEE members are 15.
2. IEEE GPREC SENSORS COUNCIL in association with IEEE MTTSoc, IEEE COMsoc, IEEE ITSoc conducted an event "TECHNOLEDGICA4.0Phase2 –Future Tech Hunt (Tech Charades)" on 30thDecember 2025 in Amphitheatre. Total number of attendees are 67. Among, IEEE members are 28.

Event Name: TECHNOLEDGICA 4.0 Phase 2 – MINDSPRINT(Extempore Roulette)	
In collaboration with: IEEE Sensors Council, IEEE IT Society, IEEE MTTS & IEEE Comsoc	**OrganizedBy: Department of ECE.**
Date: 29.12.25	**Hosted By: IEEE GPREC Student Branch.**
Venue: ECE Block 3, ECE-7	**Number of Participants: 20 Students**
Objective: The Extempore Roulette event was successfully organized by IEEE with the objective of enhancing participants' spontaneous speaking, critical thinking, and presentation skills. The event aimed to encourage students to confidently express their ideas on technical and fun topics within a limited time frame, while also creating an engaging and interactive learning environment**.**	
Highlights: One of the major highlights of the event was the roulette-style topic selection, which added an element of excitement and unpredictability. Participants were given a wide range of topics related to technology, innovation, and general awareness, making the event both informative and entertaining. The enthusiastic participation and active audience interaction contributed to the energetic atmosphere of the event**.**	
Outcome: The event resulted in several positive outcomes for the participants. Students showed noticeable improvement in their confidence, communication skills, and ability to think on their feet. It also provided them with a platform to present technical ideas in a creative and engaging manner. Overall, the Extempore Roulette event was a successful blend of fun and technical learning, fulfilling IEEE's objective of promoting knowledge sharing and skill development.	
Photos	

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Event Name: TECHNOLEDGICA 4.0 Phase 2 – MINDSPRINT(Future Tech Hunt)	
In collaboration with: IEEE IT Society, IEEE MTTS & IEEE Comsoc	**Organized By: IEEE Sensors Council**
Date:30.12.25	**Hosted By: IEEE GPREC Student Branch.**
Venue:Amphitheatre	**Number of Participants:67**
Objective: The primary objective of *MINDSPRINT (Future Tech Hunt)* was to enhance students' awareness and understanding of emerging technologies while promoting analytical thinking, problem-solving skills, and teamwork. The event aimed to encourage participants to explore future technological trends through an engaging and competitive platform aligned with IEEE's mission of advancing technology for humanity.	
Highlights: Active participation from 67 students across various departments. The event was conducted in multiple rounds focusing on future technologies, logical reasoning, and innovation-based challenges.Participants demonstrated high enthusiasm, teamwork, and creativity throughout the competition.Smooth coordination between IEEE Sensors Council, IEEE IT Society, IEEE MTTS, and IEEE ComSoc ensured effective execution of the event.The Amphitheatre provided an interactive and energetic environment for the competition.	
Outcome: Participants gained improved knowledge of emerging and future technologies. Enhanced critical thinking, communication, and collaborative skills among students. Increased interest in IEEE technical societies and their activities. The event successfully fostered innovation-oriented thinking and strengthened student engagement within the IEEE community**.**	
Photos	

IEEE Computer Society Students Chapter (SBC15721C)
&
IEEE Computational Intelligent Society Students Chapter (SBC15721H)

1. The GPREC IEEE-CIS organized a Guest lecture on **Research Opportunities in Image Processing and Machine Learning using Drone Technology** by Dr.P.Narahari Sastry, Professor of ECE,CBIT,Hyderabad. This guest lecture focused on emerging research opportunities at the intersection of **drone technology, image processing, and machine learning**.
2. IEEE-CS organized an event **'BRAIN BOOST'** on **27th December, 2025** from **09:30 AM to 10:40 AM** at CS-3. Total number of participants is 47.
3. IEEE-CS organized an OUTREACH PROGRAM on '**THIRD EYE'** on **7th January, 2026** from **09:30 AM to 04:00 PM** at Montessori School. Total number of participants is 70
4. IEEE-CS organized a webinar on **'From Legacy to Legendary: Evolution of Software Technologies'** on **18th January, 2026** from **02:30 PM to 04:30 PM.** Total number of participants is 14.
5. IEEE- CS organized a Mock Interview on '**AI'** on **21st January, 2026** from **06:30 PM to 09:00 PM.** Total number of participants is 10

Event Name: Research Opportunities in Image Processing and Machine Learning using Drone Technology	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA–IEEE CIS**
Date:10-01-2026	**Event Type:Guest Lecture**
Venue: CSM Labs-1	**Number of Participants:38**
Objective: The objective of this guest lecture is to provide an overview of drone-based image processing and machine learning techniques and to highlight research opportunities and	

applications enabled by drone technology.

Description of the event: The IEEE-CIS organized a Guest lecture on **Research Opportunities in Image Processing and MachineLearning using Drone Technology** by Dr.P.Narahari Sastry, Professor of ECE,CBIT,Hyderabad. This guest lecture focuses on emerging research opportunities at the intersection of **drone technology, image processing, and machine learning**. It explored how aerial data captured by unmanned aerial vehicles (UAVs) is analyzed using advanced image processing and machine learning techniques to solve real-world problems. The session highlights current research trends, practical applications, key challenges, and future directions in areas such as smart cities, agriculture, surveillance, disaster management, and environmental monitoring. The lecture aims to inspire faculty and researchers to pursue innovative research and interdisciplinary projects using drone-based visual data.

Outcome: Faculty members gainedknowledge on how to use drone technology for research purpose.

Photos

Event Name : BRAIN BOOST

Name of the cell and Forum/Society : CAA

Date:27th Dec,2025	**Event Type :** Technical
Venue:CS-3	**Number of Participants:**47

Objective: The objective of this event is to evaluate and strengthen participants' logical reasoning, technical knowledge, and analytical abilities through a structured quiz format that encourages critical thinking and accuracy under time constraints.

Description: This technical quiz event comprises questions from mathematics, logical reasoning, verbal aptitude, and core technical concepts. It is designed to challenge participants' problem-solving skills, presence of mind, and ability to apply concepts effectively in competitive situations.

Outcome: This technical quiz event comprises questions from mathematics, logical reasoning, verbal aptitude, and core technical concepts. It is designed to challenge participants' problem-solving skills, presence of mind, and ability to apply concepts effectively in competitive situations.

Photos

Event Name: OUTREACH PROGRAM

Name of the cell and Forum/society: CAA

Date: 7th January, 2026	**Event Type:** Technical
Venue: Montessori School	**Number of Participants:** 70

Objective:
To create awareness among students about assistive technology and its role in improving the lives of visually impaired people by demonstrating a real-time project called "Third Eye for the Blind" using Arduino Nano and ultrasonic sensors. The program also aimed to inspire students to explore socially relevant engineering applications.

Description: The IEEE Computer Society conducted an outreach program where members demonstrated the working of the "Third Eye for the Blind" project. The system uses an ultrasonic sensor connected to an Arduino Nano to detect obstacles and alert the user through sound or vibration. Students were explained how the hardware components work together, how distance is calculated, and how the device helps visually impaired people avoid obstacles.

Outcome:
Participants gained a clear understanding of how technology can be used to solve real-life problems for people with disabilities. The session increased awareness about inclusive and socially responsible innovation. Students were motivated to work on similar projects and showed interest in applying engineering skills for community welfare and humanitarian causes.

Photos

Event Name: POSTER PRESENTATION

Name of the cell and Forum/society: CAA

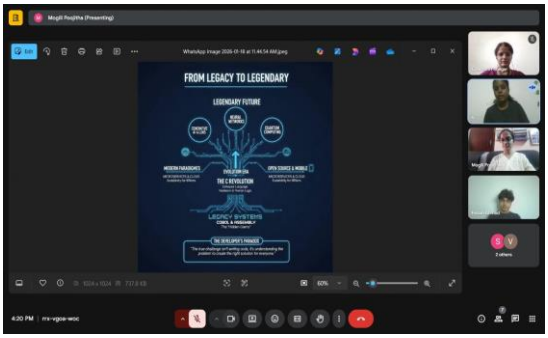
Date: 18th January, 2026	**Event Type:** Technical
Venue: Google Meet	**Number of Participants:** 14

Objective:
The objective of this event was to provide students with an opportunity to explore and present different software technologies, focusing on their evolution from legacy systems to modern legendary platforms. The aim was to strengthen students' understanding of how software technologies have developed over time and how they influence today's digital systems.

Description:
A poster presentation was conducted on Google Meet, where students actively participated by presenting posters on various software technologies. Each student explained the background, working, features, and real-world applications of their chosen technology. The session included interactive discussions, allowing participants to compare older technologies with modern advancements and understand their relevance.

Outcome:
Students gained deeper knowledge of different software technologies and their evolution. The event also helped improve their research, presentation, and communication skills while encouraging confidence in explaining technical topics.

Photos



Event Name: Mock Interview	
Name of the cell and Forum/society: CAA	
Date: 21th January, 2026	**Event Type:** Technical
Venue: Google Meet	**Number of Participants:** 10

Objective:

The objective of this event was to engage students through a mock interview on Artificial Intelligence, encouraging critical thinking about AI's real-world impact on cybersecurity and global conflicts. The session aimed to highlight how AI is being used in cyber-attacks, digital warfare, and defense strategies, while shifting focus from basic theory to practical, real-world applications of AI.

Description:

The event was conducted in the form of a student-led mock interview, where participants assumed the roles of interviewers and AI experts. The discussion explored how Artificial Intelligence is transforming modern cybersecurity, including threat detection, automated attacks, data breaches, and cyber warfare.

Outcome:

The mock interview format led to high student participation and dynamic discussions. Students gained a clearer understanding of how AI plays a critical role in modern cyber warfare and national security. Participants developed stronger analytical skills by connecting AI concepts to real-world cyber incidents.

Photos


People
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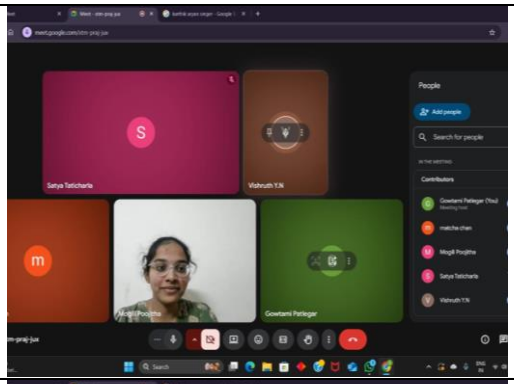
Contributors
Satya Taticharla
Faizan Ahmed
Gowtami Patlegar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G. PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS); KURNOOL
List of Student Activities conducted in the month of February- 2026

Civil Engineering Department
IE(I) Students Chapter

1. The GPREC of Civil Engineering Department IEI students chapter conducted a **field visit** to the **UltraTech Ready Mix Concrete (RMC) Batching Plant,** located on Nannur Highway, Kurnool, Andhra Pradesh, to provide practical exposure to IV Semester Civil Engineering students on the production, quality control, and operational management of ready-mix concrete. The visit was conducted for B-Section students on 21-01-2026 and A-Section students on 23-01-2026. The event is organized by Sri. Y. Yashwanth Kumar, Assistant Professor of CED and assisted by Dr. M. Deepak J. Sravani, Sri. M. Hemanth Kumar, Sri. K. Sudhakar Reddy, Assistant Professor of CED. T
2. The GPREC of Civil Engineering Department IEI students chapter conducted **Cement Brick Model Making** for the IV semester students on 29-01-2025. J. Sravani, Assistant Professor of CED, conducts the event. The GPREC of Civil Engineering Department IEI students chapter conducted a seminar on **Traffic Volume and Speed studies Analysis** for the VI semester students on 28-02-2026. The seminar is delivered by Md. Fairoz (249X5A01C9) of IV semester A/S student in CE-3 class room. The event is monitored by Dr. Sowjanya, Assistant Professor of CED.
3. The GPREC of Civil Engineering Department IEI students chapter conducted a seminar on **Industrial Applications of Software in Civil Engineering** for the IV semester A/s students on 28-02-2026. The seminar is delivered Sri. M. Hemanth Kumar, Assistant Professor of CED.
4. The GPREC of Civil Engineering Department IEI students chapter conducted a seminar on **Laminar and turbulent flow** for the IV semester B/s students on 28-02-2026. The seminar is delivered by T. Tejeswar Reddy (249X1A01D8) of VI semester B/s student in CE-6 class room. The event is monitored by Dr. Siva Krishna Reddy, Assistant Professor of CED.

Event No.: 1	
Event Name: Field visit to the UltraTech Ready Mix Concrete (RMC) Batching Plant	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **21-01-2026, 10:00 AM to 4:00 PM**	**Event Type:** Industrial Tour
Venue: Nannur Highway, Kurnool	**Number of Participants:** The total no of 130 students.

Objective:

To provide practical exposure to the production process of Ready-Mix Concrete (RMC), understand batching plant operations and automation systems, study quality control tests and material management practices and bridge theoretical knowledge with industrial practice.

Highlights: During the visit, plant engineers explained the complete process of RMC production including: Storage of raw materials (cement, aggregates, and admixtures), Automated batching and mixing process, Calibration of weighing systems, Quality control tests such as slump test and cube casting and Dispatch and transportation of concrete using transit mixers. The event was organized by Sri. Y. Yashwanth Kumar, Assistant Professor, CED, and assisted by Dr. M. Deepak J. Sravani, Sri. M. Hementh Kumar, and Sri. K. Sudhakar Reddy, Assistant Professors, CED.

Outcome:

Students gained clear understanding of RMC manufacturing and plant functioning. They learned about quality control procedures and testing methods. Students understood the importance of accuracy, safety, and time management in concrete production. The visit enhanced their practical knowledge and industry awareness.

Photos

Event No.: 2	
Event Name: Cement Brick Model Making	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **29-01-2026, 3:00 to 5:00 PM**	**Event Type:** Competition
Venue: Concrete Technology Lab	**Number of Participants:** The total no of 32 students.

Objective:

The objective of the Cement Brick Model Making activity was to provide IV Semester Civil Engineering students with hands-on experience in mortar proportioning and brick preparation, bridging theory with practical construction skills.

Highlights: Students completed the activity on 29-01-2025 under the guidance of Smt. J. Sravani, Assistant Professor, CED. Students prepared cement brick models by mixing materials in proper proportions and casting them into moulds. A total of 8 teams participated with each 4 team consist of members.

Outcome:

Students gained practical knowledge of brick making, understood the importance of proper proportioning and curing, and improved their technical skills and teamwork.

Photos

Event No.: 3	
Event Name: Traffic Volume and Speed studies Analysis	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **28-02-2026, 11:50 AM to 12:40 PM**	**Event Type:** Seminar
Venue: CE-4	**Number of Participants:** The total no of 88 students.

Objective:

The objective of the seminar was to enhance students' understanding of traffic volume and speed studies, data collection techniques, and analytical methods used in traffic engineering for planning and management.

Highlights: The IEI Students' Chapter of the Civil Engineering Department, G. Pulla Reddy Engineering College (GPREC), conducted the seminar for VI Semester students on 28-02-2026 in the CE-4 classroom. The session was delivered by Md. Fairoz (249X5A01C9), IV Semester A/S student, and monitored by Dr. Sowjanya, Assistant Professor, CED. The presentation focused on traffic data collection methods, speed analysis, and interpretation of results.

Outcome:

Students gained better clarity on traffic study techniques, improved their analytical skills, and understood the practical applications of traffic data in transportation planning.

Photos

Event No.: 4	
Event Name: Industrial Applications of Software in Civil Engineering	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **28-02-2026, 11:50 AM to 12:40 PM**	**Event Type:** seminar
Venue: CE-3	**Number of Participants:** The total no of 32 students.

Objective:

The objective of the seminar was to create awareness about the use of software tools in civil engineering industries for design, analysis, and project management.

Highlights: The IEI Students' Chapter of CED, GPREC, organized the seminar for IV Semester A/S students on 28-02-2026. The session was delivered by Sri. M. Hemanth Kumar, Assistant Professor, CED. The seminar covered various industry-relevant software applications used in structural design, drafting, analysis, and construction management.

Outcome:

Students understood the importance of software skills in modern civil engineering practice and gained insight into industrial applications of technical tools.

Photos

Event No.: 5	
Event Name: Cement Brick Model Making	
Name of the cell and Forum/society (CAA)	IEI students' Chapter, CE Department, GPREC
Date: **28-02-2026, 11:50am to 12:40 pm**	**Event Type:** Seminar
Venue: CE-6	**Number of Participants:** The total no of 30 students.

Objective:

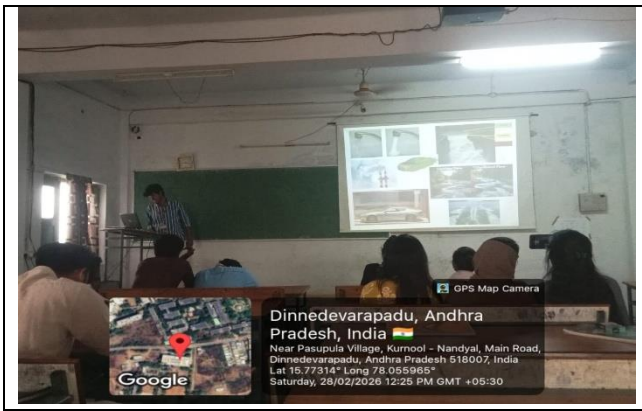
The objective of the seminar was to strengthen students' conceptual understanding of laminar and turbulent flow and their applications in fluid mechanics.

Highlights: The IEI Students' Chapter of CED, GPREC, conducted the seminar for IV Semester B/S students on 28-02-2026 in the CE-6 classroom. The session was delivered by T. Tejeswar Reddy (249X1A01D8), VI Semester B/S student, and monitored by Dr. Siva Krishna Reddy, Assistant Professor, CED. The presentation explained Reynolds number, flow characteristics, and practical engineering applications.

Outcome:

Students developed a clear understanding of flow regimes, improved their subject knowledge, and enhanced their confidence in applying theoretical concepts to practical problems.

Photos



Electrical & Electronics Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Watts Up by II B.Tech EEE students 249XA02009 – B.Charitha 249XA02002- A Deekshitha during **29-01-2026** and total of 13students attended this Program.
2. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Electrical Cross word to II B.Tech EEE students by Mr.S.Masum Basha Assistant Professor EEE Dept, GPREC, during 16-02-2026 and total of 14 students attended this Program.
3. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Employment vs Entrepreneurship in Engineering Careers event by II B.Tech EEE students 249XA02132 – U.S Fazal during 17-02-2026 and total of 41 students attended this Program.
4. The GPREC IE(I) Student Chapter of Electrical and Electronics Engineering Department conducted Idea Ignite 2026-National level conference paper presentation event during 25-02-2026 and total of 20 students attended this Program.

Event Name: Watts Up	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:29-1-2026	**Event Type:** Career development
Venue: EEE Class room	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 13**
Objective: The objective of the *Watts Up* event is to strengthen core electrical engineering concepts through competitive activities. It aims to enhance problem-solving skills, promote technical awareness, and encourage innovative thinking among students.	
Description: The II B.Tech EEE studens 249XA02017 - D. Ganga 249XA02018 - D. Kousar Bhanu conducted Watts Up event. The *Watts Up* event is designed to provide electrical engineering students with an interactive platform to apply theoretical knowledge in practical scenarios. It focuses on strengthening understanding of core electrical concepts through technical challenges and problem-solving tasks. The event encourages analytical thinking, innovation, and teamwork among participants. Students gain exposure to real-world applications of electrical systems and emerging technologies. It also helps in improving time management and decision-making skills. *Watts Up* promotes healthy competition and collaborative learning. The event bridges the gap between academic learning and industry practices. It motivates students to explore creative solutions to electrical problems. Overall, it enhances technical confidence and professional readiness.	
Outcome: he outcome of the *Watts Up* event is improved technical proficiency and understanding of electrical engineering concepts among students. Participants develop stronger problem-solving and analytical skills. The event enhances teamwork, communication, and decision-making abilities. Students gain confidence in applying theoretical knowledge to real-world situations. It also increases awareness of industry-relevant technologies and fosters innovative thinking.	
Photos	

Event Name: Electrical Cross word	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:10-02-2026	**Event Type:** Career development
Venue: EEE Class room	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 14**
Objective To enhance engineering students' understanding of **electrical engineering concepts** through a hybrid activity that combines the logical structure of Sudoku with technical crossword terminology.	
Description: The II B.Tech EEE studens 249XA02017 - D. Ganga 249XA02018 - D. Kousar Bhanu conducted Electrical Cross word. An Electrical Crossword Sudoku is an innovative educational activity that blends the vocabulary-based challenge of a crossword puzzle with the logical grid structure of Sudoku. It is specifically designed for engineering students to strengthen their understanding of electrical engineering concepts in an interactive and engaging way.In this activity, students fill a structured grid using electrical terms instead of numbers. Each word must satisfy both:Technical clues (like a crossword), and Logical placement rules (like Sudoku — no repetition within rows, columns, or designated sections).	
Outcome: By the end of the activity, students will demonstrate improved conceptual clarity, analytical ability, technical vocabulary, and collaborative skills, leading to better understanding and application of electrical engineering principles.	
Photos	
	

Event Name: Employment vs Entrepreneurship in Engineering Careers	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:17-2-2026	**Event Type:** Career development
Venue: EEE Class room	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 41**
Objective: The primary objective of this debate is to enable engineering students to critically analyze and compare career pathways—traditional employment and entrepreneurship—while developing informed perspectives about their professional future.	
Description: Employment vs Entrepreneurship in Engineering Careers a debate event conducted by EEE faculty Mr.S.Masum Basha for II EEE students. A debate on Employment vs Entrepreneurship in Engineering Careers is an academic activity designed to help engineering students explore two major professional pathways after graduation: working in an organization (employment) or starting and managing their own venture (entrepreneurship).In this debate, students are divided into two groups. One group supports employment, emphasizing job security, structured growth, stable income, and professional experience within established companies. The other group supports entrepreneurship, highlighting independence, innovation, financial growth potential, leadership opportunities, and the ability to create jobs.	
Outcome: By the end of the debate, students will demonstrate improved career awareness, analytical ability, communication skills, and strategic thinking, enabling them to make well-informed decisions about their professional future in engineering.	
Photos	

Event Name: Idea Ignite 2026 National level conference pre-presentation	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:25-2-2026	**Event Type:** Career development
Venue: EEE E Class room	**Number of Participants:(If IEEE event mention Non IEEE and IEEE count) 20**
Objective: The primary objective of this event is to improve communication and presentation skills and to provide a platform for sharing technical knowledge and career awareness.	
Description: Idea Ignite 2026 National level conference pre-presentation event conducted by EEE faculty Sri.K.Harish Reddy for II & III EEE students. This pre-presentation activity under **Idea Ignite 2026** served as a preparatory platform for the National Level Conference, encouraging creativity, confidence, research orientation, and clarity in career planning among budding engineers.	
Outcome: Students Increased motivation to participate in national-level conferences and Strengthened professional attitude and stage presence..	
Photos	
	
	

Mechanical Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of Mechanical Engineering Department, G. Pulla Reddy Engineering College (Autonomous), Kurnool, successfully organized an expert talk on "Advanced surface finishing using abrasive flow machining used in finishing of orthopedic implants" by Dr. G. Vankatesh, Assistant Professor (Grade-I), NIT Warangal, Telangana, on 24th February 2026.
2. The GPREC IE(I) Student Chapter of Mechanical Engineering Department conducted Industry Readiness Orientation Seminar Delivered by M. Dakshina Murthy, Corporate Relations Manager, GPREC, on 27th February 2026. for B.Tech II year Mechanical Students.

<table>
<tr><td colspan="2">Event Name: Expert Talk on Emerging Trends: Advanced Surface Finishing Using Abrasive Flow Machining for Orthopedic Implants</td></tr>
<tr><td>Name of the cell and Forum/society (CAA)</td><td>IE(I) ME Department</td></tr>
<tr><td>Date: 24th February 2026</td><td>Event Type: Expert Talk</td></tr>
<tr><td>Venue: ME -Seminar Gallery</td><td>Number of Participants: 65</td></tr>
<tr><td colspan="2">Resource Person: Dr. Gudipadu Venkatesh, Assistant Professor, NIT Warangal, Telangana.</td></tr>
<tr><td colspan="2">Objective: To expose students to emerging trends in advanced manufacturing and surface engineering. To provide in-depth knowledge about Abrasive Flow Machining (AFM) and its industrial applications. To understand the importance of precision surface finishing in biomedical components such as orthopedic implants.</td></tr>
<tr><td colspan="2">Description: The Department of Mechanical Engineering organized an expert talk on "Emerging Trends: Advanced Surface Finishing Using Abrasive Flow Machining (AFM) for Orthopedic Implants." The session focused on modern surface finishing technologies used to enhance the functional performance and biocompatibility of medical implants. The talk emphasized the role of advanced finishing techniques in improving surface roughness, fatigue life, corrosion resistance, and biocompatibility of implants. The session also highlighted current research opportunities and industry demands in advanced manufacturing and biomedical surface engineering.</td></tr>
<tr><td colspan="2">Outcome:
1. Understand the working mechanism and process parameters of Abrasive Flow Machining.
2. Recognize the significance of advanced surface finishing in orthopedic implant manufacturing.
3. Identify the relationship between surface quality and functional performance of biomedical components.</td></tr>
<tr><td colspan="2">Photos</td></tr>
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	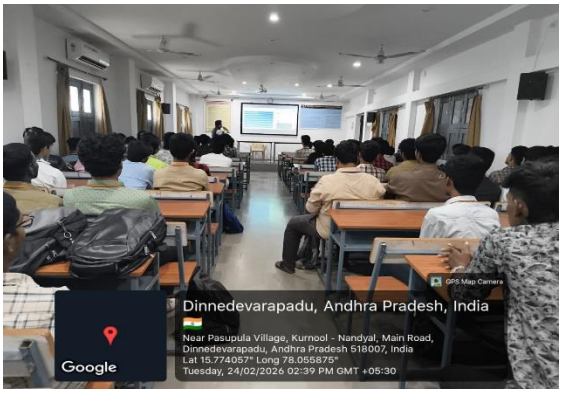

Event Name: Industry Readiness Orientation Seminar	
Name of the cell and Forum/society (CAA)	**IE(I) ME Department**
Date: 27th February 2026 (2:30 to 3:30 PM)	**Event Type: Knowledge Exchange**
Venue: ME- SG	**Number of Participants: 102**
Resource Person: M. Dakshina Murthy, Corporate Relations Manager, GPREC.	
Objective: To create early awareness among students about placement preparation strategies. To familiarize students with industry expectations and corporate work culture. To guide students on essential technical and soft skills required for mechanical engineering placements.	
Description: The Department of Mechanical Engineering organized an Industry Readiness Orientation Seminar for second-year students to prepare them for future campus placement opportunities. The session was delivered by the Corporate Relations Officer, who provided insights into current industry trends, recruitment processes, and employer expectations. The speaker emphasized the need for continuous skill development and proactive preparation from the early stages of engineering education.	
Outcome: 1. Understand the placement process and recruitment criteria followed by companies. 2. Identify the key technical and soft skills required for industry readiness. 3. Recognize the importance of early preparation for campus placements.	
Photos	

Electronics & Communication Engineering Department
IE(I) Students Chapter

1. The GPREC IE(I) Student Chapter of the ECE Department organized a Guest Lecture titled "Artificial Intelligence and Machine Learning in Real-World Applications" on 13.02.2026 at ECE Block-1, GPREC. The session was conducted to introduce students to the fundamentals of Artificial Intelligence and Machine Learning and their real-world applications. Key topics such as supervised and unsupervised learning, neural networks, natural language processing, and computer vision were discussed. The lecture helped students understand emerging technologies, industry trends, and career opportunities in AI and ML, motivating them to enhance their technical skills and explore research and project development in this domain.

2. The GPREC IE(I) Student Chapter of the ECE Department organized a Technical Webinar titled "Webinar on Noise in Communication Systems" on 25.02.2026 at ECE Block-1, GPREC. The webinar aimed to provide students with an understanding of noise in communication systems, its types, sources, and impact on signal transmission. Various noise reduction techniques and methods to improve signal reliability were explained. The session strengthened students' core knowledge in communication engineering and enhanced their understanding of practical challenges in maintaining efficient and reliable communication systems.

Event Name: Artificial Intelligence and Machine Learning in Real-World Applications	
Name of the cell (EAA/NSS/VSC/CAA)	**IE(I) Student Chapter ECE**
Date13.02.2026	**Event Type: Guest Lecture**
Venue: ECE Block-1, GPREC	**Number of Participants: 70**
Objective: The objective of this seminar is to introduce students to the rapidly evolving field of Artificial Intelligence (AI) and Machine Learning (ML), their real-world applications, and career opportunities. The session aims to help students understand the importance of AI-driven technologies and the skills required to excel in this domain.	
Highlights: The guest lecture provided an overview of Artificial Intelligence, Machine Learning, and Deep Learning concepts. The speaker explained key topics such as supervised and unsupervised learning, neural networks, natural language processing, and computer vision.	
Outcome: Students gained a clear understanding of AI and ML concepts and their applications in various industries. They became aware of the essential skills and learning	

paths required to pursue a career in Artificial Intelligence.
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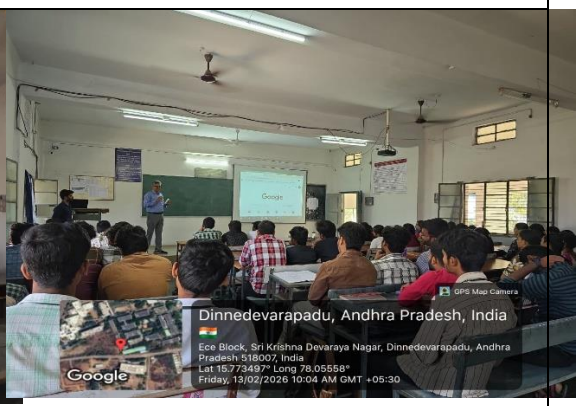
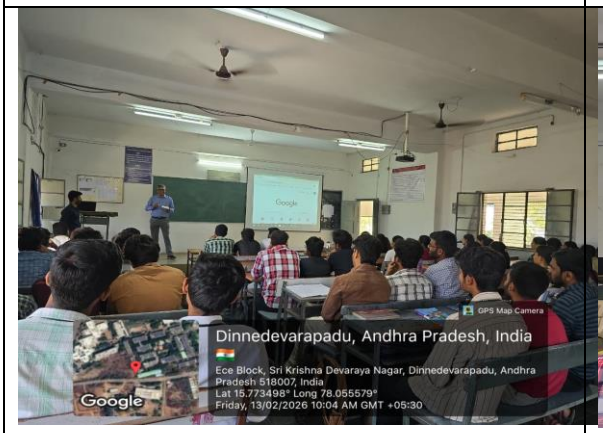
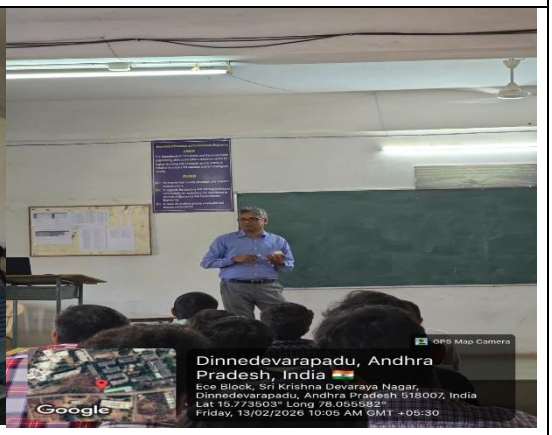
 
 

Event Name: Webinar on Noise in Communication Systems	
Name of the cell (EAA/NSS/VSC/CAA)	**IE(I) Student Chapter ECE**
Date:25.02.2026	**Event Type: Technical Webinar**
Venue: ECE Block 1, GPREC	**Number of Participants: 65**
Objective: The webinar aims to introduce the concept of noise in communication systems, its types and sources, its impact on signal transmission, and various techniques used to analyze and reduce noise in practical communication networks.	
Highlights: Understanding noise types, their effects on signals, and basic noise reduction methods in communication systems.	
Outcome: Students will gain knowledge of noise in communication systems, its impact on signal performance, and techniques used to minimize noise for reliable communication.	
Photos	

Computer Science & Engineering Department
IE(I) Students Chapter

1. IEI Student Branch, Department of CSE, organized Describing and Decode 21-02- 2026 from 11.50am to 12.40pm. Number of students who participated in the event was 50.
2. IEI Student Branch, Department of CSE, organized camps and compass 21-02-2026 from 11.50am to 12.40pm. Number of students who participated in the event was 30.
3. IEI Student Branch, Department of CSE, organized Tech Sketch& Guess on 21-02- 2026 from 11.50am to 12.40pm. Number of students who participated in the event was 50.

4. IEI Student Branch, Department of CSE, organized Kernel Crash on 23-02-2026 from 11.50am to 12.40pm. Number of students who participated in the event was 55.

Event Name: Describing and Decode	
Name of the cell: CAA	
Date:21-02-2026	Event type: technical and general
Venue:CS-5	No. of participants:50
Objective: The objective of the Describe & Decode event was to strengthen participants' understanding of technical concepts through verbal explanation only. The event aimed to improve clarity of thought, articulation skills, and subject knowledge by encouraging participants to explain technical terms using only spoken words.	

Highlights: Encouraged clear explanation, logical thinking and the ability to simplify complex concepts. Created an interactive and intellectually stimulating environment. Promoted teamwork, attentive listening and healthy competition among participants.
Outcome: Participants developed stronger verbal communication and explanation skills. Improved clarity in understanding and expressing technical concepts. Enhanced confidence in public speaking and technical discussions. Strengthened listening and interpretation abilities.
Photos:

Event Name**:** Campus and Compass	
Name of the cell: CAA	
Date:21-02-2026	Event type: technical
Venue:CS-2	No. of participants:30
Objective: The main objective of the event is to encourage maximum student participation in the quiz organized by the IEI Student Chapter. This event aims to enhance students' awareness and knowledge about the college. All the questions are completely based on the college, including its history, departments, facilities, achievements, and surroundings, helping students become more familiar with their institution.	
Highlights: Both boys and girls participated enthusiastically and gave their best, creating healthy competition. The quiz, based entirely on the college campus, generated great excitement among students. Questions were presented through a PPT, and participants responded actively.	
Outcome: The outcome of this event was that students learned many unknown and new things about their college. They gained better knowledge about the campus, its surroundings, and important directions.	
Photos:	

Event Name: Tech Sketch & Guess	
Name of the cell: CAA	
Date:21-02-2026	Event type: technical and general
Venue:CS-3	No. of participants:50
Objective: The objective of the Tech Sketch & Guess event was to improve visualization and conceptual clarity in core technical subjects. To develop communication and teamwork skills and to encourage quick thinking and problem-solving abilities. To promote learning through creativity and collaboration.	
Highlights: Tech Sketch & Guess is an engaging and interactive technical event where participants work in teams to sketch and guess technical concepts within a limited time. Covering topics from programming, networking, cyber security, databases, and emerging technologies, the activity promotes quick thinking, creativity, teamwork, and fun learning.	
Outcome: Students gain better retention of technical terms through visual learning. Improved teamwork and collaboration skills. Enhanced creativity and innovative thinking.	
Photos:	
	
	

Event Name: Kernel Crash	
Name of the cell: CAA	
Date:23-02-2026	Event Type: Technical Type

Venue:CS-3	Number of Participants:55

Objective:

The main objective of this event is to encourage active participation in the quiz organized by the IEI Student Chapter. The event aims to strengthen participants' understanding of Operating Systems concepts while also enhancing their creative thinking and problem-solving skills through a series of aptitude questions.

Highlights:

The high light of the event was both boys and girls gave their best effort and great competitive spirit among them. In this event there are 4 teams A, B, C, D. At last B team stood as a winner in overall rounds. Everyone who participated in the event gave their best in giving answers.

Outcome:

The outcome of this event is a comprehensive revision of key Operating System concepts, particularly kernel mode and semaphores .It greatly helps participants enhance their understanding of OS fundamentals.

Additionally, the event enables participants to assess and improve their logical thinking and problem-solving
skills.

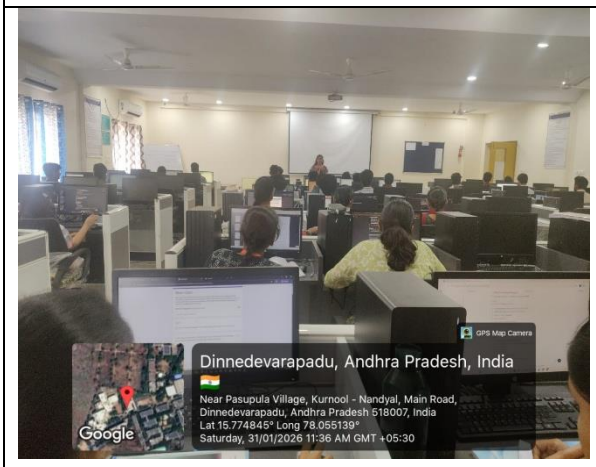
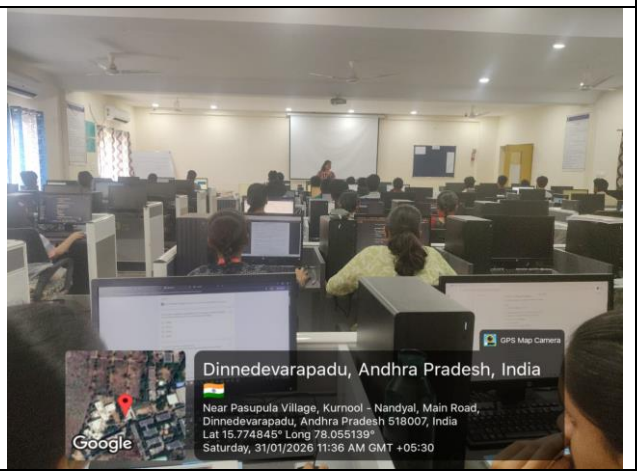
Photos:

Department of Computer Science Engineering AI & ML (CSM)

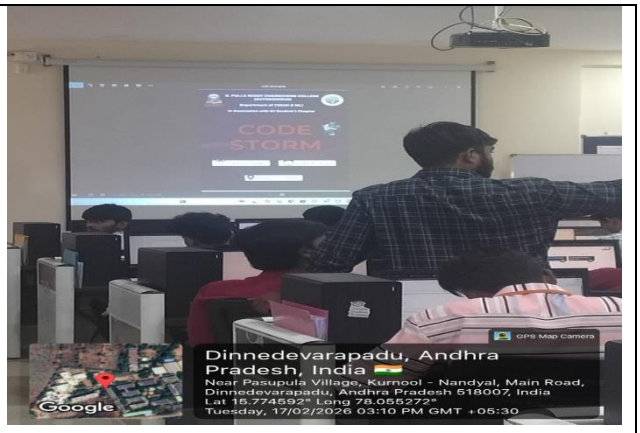
1) IEI Student Branch, Department of CSM, organized the "BRAIN GYM" event on 31-01-2026 from 2.30 PM to 3.20 PM. Number of students who participated in the event was 49.

2) IEI Student Branch, Department of CSM, organized the "Coding Storm" event on 17-02-2026 from 2.30PM to 3.20PM. Number of students who participated in the event was 51.

Event Name: BRAIN GYM	
Name of the cell and Forum/society	**CAA – IEI**
Date:31 JAN 2026 (2:30 – 3:20 PM)	**Event Type: Technical**

Venue: Respective Labs	**Number of Participants:49**
Objective: Brain Gym is a quiz event which has aptitude questions captured from top MNCs.	
Description: Brain Gym is an aptitude quiz event which is informed to the students one week in advance about the topics where they have to prepare for efficient upskilling. In this event 20 MCQs on specified Aptitude topics is prepared from a set of captured questions from top MNCs.This event is conducted in labs specified in the circular. IEI incharge and faculty coordinators monitor the students during the quiz test. Students need to complete the test within 30 mins.	
Outcome: Brain Gym Quiz is conducted in the specified CSM lab venues. Participants score and Key for the quiz with step by step solution is released by 02 FEB 2026 to assess their strength and act accordingly	
Photos	
	

Event Name: Coding Storm	
Name of the cell and Forum/society	**CAA – IEI**
Date:17 FEB 2026 (2:30 – 3:20 PM)	**Event Type: Technical**
Venue: Respective Labs	**Number of Participants:51**
Objective: Coding Storm is a event is to check their skills in programming subjects like DBMS,Python and Machine Learning .	
Description: As a part of IE(I) activity, GPREC IE(I) student's chapter of CSM department organized an event called "CODING STORM" for getting awareness on the identification of bugs, outputs and language syntaxes .In this event a technical coding quiz contest is conducted by giving 20 questions on the code and syntaxes in the given stipulated time.Whom ever scores highest is considered as a winner.	
Outcome: Students actively participated and scored well in the contest.	
Photos	

ISTE chapter

1. An event “Pixel Perfect” was conducted for the students of II year and III year B. Tech students of all branches on 21.01.2026 from 3.30 PM to 4.30 PM. The total number of students participated is 24.
2. An event “Fab-A-Bag: Engineering an Eco-Friendly Carry Bag” was conducted for the students of II year and III year B. Tech students of all branches on 30.01.2026 from 3.30 PM to 4.30 PM. The total number of students participated is 38.
3. An event “Tech Tok” was conducted for the students of II year and III year B. Tech students of all branches on 11.02.2026 from 3.30 PM to 4.30 PM. The total number of students participated is 23.

Event Name :Pixel perfect	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA**
Date:21.01.2026	**Event Type: Technical Event**
Venue:CE-3;CE BLOCK-2(Ground Floor)	**Number of Participants: 30**
Objective: Objective Of This Event Is To Know About The Instruments Of The engineeriung branches	
Highlights: Drawing the arts without telling the words	
Outcome: Identify the engineering instruments . learn about that insruments. knowing the uses off that instruments. and improve the communication skils.	
Photos	

Event Name:	**Fab-A-Bag: Engineering an Eco-Friendly Carry Bag**
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	Indian Society for Technical Education (ISTE) (CAA)
Date:30-01-2026	**Event Type:** Fabrication Activity
Venue:G. Pulla Reddy Engineering College Kurnool, ME Engineering Work Shop; ME Block-2 Ground floor	**Number of Participants: 38**
Objective: i. To promote eco-friendly alternatives to plastic bags; (ii) To develop fabrication and design skills among students; (iii) To encourage innovation, teamwork, and sustainability awareness	
Highlights: The ISTE student chapter is organizing a hands-on fabrication activity where participants will design and fabricate eco-friendly paper bags using recyclable materials. The activity encourages innovation, structural strength and aesthetic design while focusing on sustainability.	
Outcome: Students will gain hands-on fabrication experience. Understanding of eco-friendly product design. Improved teamwork and problem-solving skills	
Photos	

Event Name:	" TECH TOK-YOUR INNOVATION , YOUR VOICE "
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**Indian Society for Technical Education (ISTE) (CAA)**
Date: 11-02-2026	**Event Type: Technical Event**
Venue: ECE LH-5, ECE Block-1	**Number of Participants: 23**

Objective: The main objective of the event was to encourage students to develop innovative thinking and solve real-world problems using their technical knowledge. It aimed to enhance students' analytical, problem-solving, and decision-making skills while improving their communication and presentation abilities. The event also provided a platform for participants to confidently express their ideas through PowerPoint presentations and helped them build creativity, teamwork, and practical learning skills required for their academic and professional growth.

Highlights: During the event, participants were given problem statements based on real-life challenges and were asked to analyze them and propose effective solutions. Students prepared PowerPoint presentations explaining their ideas, design approach, and implementation methods. Each team presented their solutions within a fixed time limit before the judges and audience. The presentations were evaluated based on innovation, clarity, feasibility, and communication skills.

Outcome: The event successfully helped students develop critical thinking and a solution-oriented mindset. Participants improved their technical explanation, presentation, and public speaking skills, which increased their confidence. They gained hands-on experience in solving practical problems and learned how to present ideas professionally. The activity also enhanced teamwork, collaboration, and creativity among students. Overall, the event prepared students for future academic projects, placements, and real-world challenges by strengthening both their technical and soft skills.

Photos

CSI Student Branch

Event Name: Mind Marathon	
Name of the cell: EAA/NSS/VSC/CAA	CSI Student Branch (CAA)
Date:11-02-2026	**Event Type: General Type**
Venue: ECS-1	**Number of Participants:38**

Objective:

The main objective of the event is to participate everyone in the "Mind Marathon" organized by the CSI Student Chapter. This event aims to enhance communication skills. It is Non-Technical segment where participants need to tell one word and next team will tell another word including previous words without changing the order. At last which team will tell all words without any mistakes then that team will win.

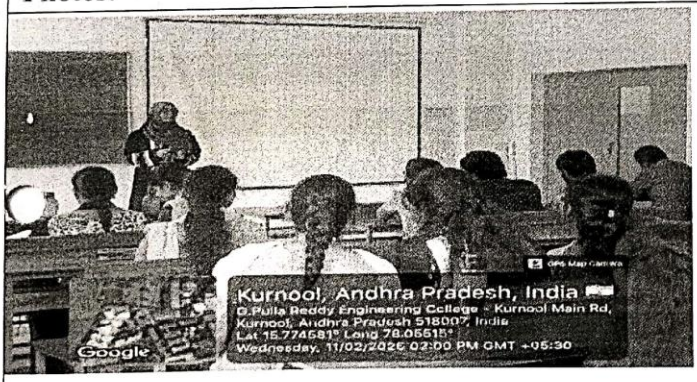
Highlights:

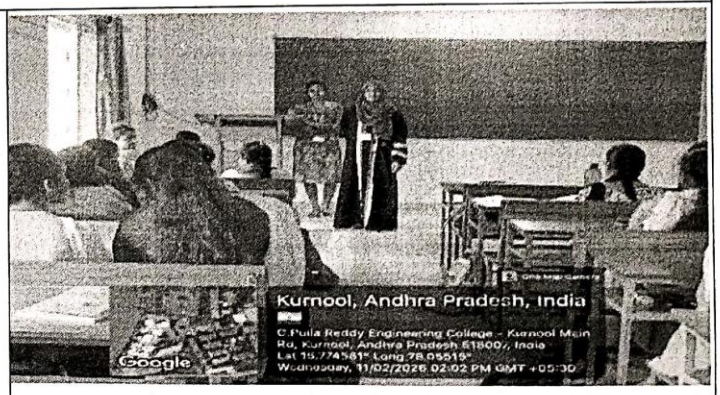
The highlight of the event was both boys and girls gave their best effort and great competitive spirit among them. In this event there are 4 teams A, B, C, D. At last B team stood as a winners in overall game. Everyone who participated in the event gave their best in giving answers.

Outcome

The outcome of this "Mind Marathon" event is like a Funny. It is very helpful to the participants in improving their critical thinking. Participants can identify their skills and gave their best performance. This will helps to the students to relax their minds.

Photos:





Sabiha, Kalpana
Signature of Organizers

CSI Incharge

Convenner

HOD

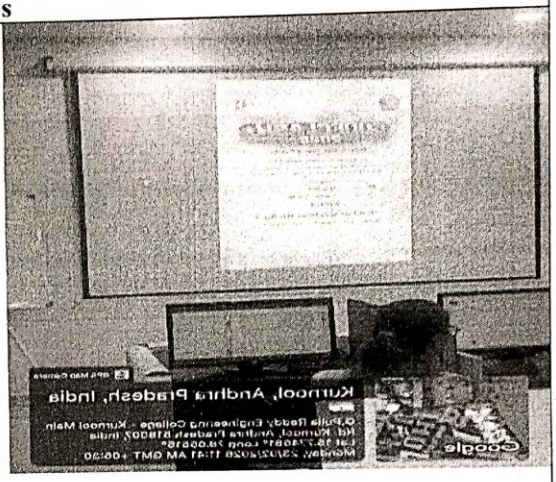
G.PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL

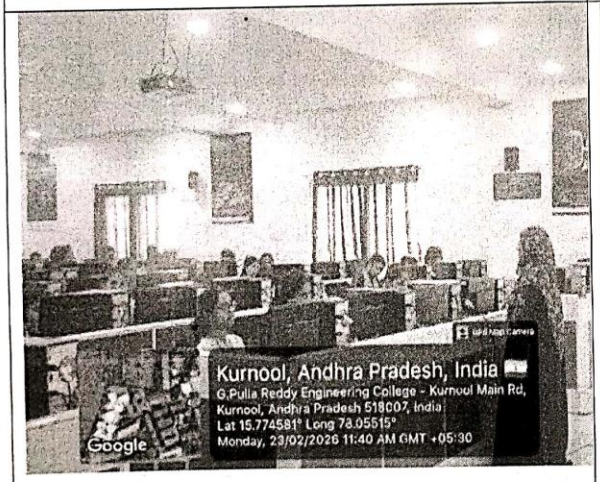
Event Name: Spark Rush	
Name of the cell (EAA/NSS/VSC/CAA)	CSI Student Branch-CAA
Date: 16-02-2026	**Event Type:** Technical
Venue: CS-2	**Number of Participants:** 42
Objective:	The objective of the spark rush event was to make learning technical concepts fun and interactive by engaging students in a game-based activity that tested their basic knowledge of technology and computer science.
Highlights:	The event saw active participation from students, with engaging questions based on technical terms and concepts. The interactive format created excitement, encouraged quick thinking, and maintained a lively competitive atmosphere throughout the event.
Outcome:	Participants enhanced their understanding of technical concepts while enjoying the learning process. The event promoted confidence, interaction, and healthy competition, making it a successful and memorable experience.
Photos	

S.G.Pavani, II CSE S.G.Pavani
V.Sravya, II CSE V.Sravya
Signature of Event Organizer

Event Name: Code Clash	
Name of the cell (EAA/NSS/VSC/CAA)	**CSI student branch(CAA)**
Date: 23-02-2026	**Event type:** Technical
Venue: CSM Lab-2	**Number of participants: 48**
Objective: The main objective of the event is to participate everyone in the "Code Clash" organized by the CSI Student Chapter. This event aims to enhance Technical skills. It is Technical segment where participants need to give the answers to the questions which we have given.	
Highlights: The highlight of the event was both boys and girls gave their best effort and great competitive spirit among them. In this event there are 4 teams A, B, C, D. At last C team stood as a winner in overall Quiz. Everyone who participated in the event gave their best in giving answers.	
Outcome: The outcome of this "Code Clash" event is like a Technical related. It is very helpful to the participants in improving their technical skills. Participants can identify their skills and gave their best performance. And also they can improve their coding logical thinking.	

Photos





Sabiha
Kalpana

Event Organizer **CSI Incharge** **Convener** **HOD**

List of activities done under IEEE STB 15721

IEEE WIE AG (SBA15721), IEEE PES SBC 15721B, IEEE PELS SBC 15721F, IEEE IAS SBC 15721E, IEEE RAS SBC15721G

1. IEEE SB, PELS SBC of GPREC and WIE AG of GPREC organized a One Day Student Congress ANOKHA 7.0 – Give to Gain on **21-02-2026.** Number of participants for the event are 284.

2. IEEE PELS SBC of GPREC organized an Interactive session on IoT Devices Installation on **26-02-2026** . Number of participants for the event are 21.

3. IEEE-WIE organized an event " Awareness on Cancer, Thyroid –Precaution measures " on 28 th th January, 2026 from 2.00 PM to 4.00PM in Seminar Gallary-1

4. IEEE- WIE organized an event '"Spark Rush" on 13 th February , 2026from 2.00 PM to 4.00 PM at CS1 & E-Class rooms in Silver JubileeBlock.

5. The GPREC RAS SBC conducted "Robotic AI applications and oppurtunitities for students on 26th Feb 2026. The resource person is Dr. K. Jayasimha Reddy.Department of Mechanical Engineering, GPREC, Kurnool. Number of participants for the event are 55.

Event Name: One Day Student Congress on **ANOKHA 7.0– Give to Gain**	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE PELS SBC , SB & WIE AG**
Date: 21-02-2026	**Event Type: Non - Technical**
Venue: Auditorium **Time: 8:00 – 5:00 PM**	**Number of Participants: 284**

Objective:

- To warmly induct first-year students into the academic and co-curricular culture of the institution.
- To promote the theme "Give to Gain", encouraging students to understand the value of contribution, collaboration, and social responsibility.
- To provide a platform for students to showcase their talents in technical, cultural, leadership, and creative domains.
- To enhance communication skills, teamwork, confidence, and stage presence among first-year students.
- To expose students to entrepreneurial, sustainability, and industry perspectives through interaction with distinguished guests.

Description:

. First session was started with **Minish Kumar Mucharla,** Founder, CEO & Managing Director – AquaTech Foundation Ltd, Hyd. He explained the fundamental concepts of blockchain, its core components, transaction processing mechanisms and the importance of cryptography. The session also covered advanced topics such as smart contracts, zero-knowledge proofs,

decentralized applications (DApps) and major blockchain platforms.

In the second session Ms.**Swathi Naidu,** Founder Director , PBRIDGE Consultancy Pvt. Ltd, Hyd. she explained that Assistive Technology (AT) supports people in their daily lives by promoting independence and helping them achieve their dreams, and she emphasized that as engineers we must design inclusive solutions to remove barriers in classrooms and society. She spoke about challenges like motor difficulties, speech and communication issues, and hearing or visual impairments, and highlighted the importance of multi-sensory and experiential learning with support from teachers and parents.

Later the session was taken over by **Jeshwanth Chowdary Gaddipati,** Business Manager, Blindersoe Private Limited, Hyd. He explained the crucial transition from college life to the corporate world, highlighting the shift in mindset, expectations and essential skill sets required for professional success. He stressed that skills hold greater value than academic marks and emphasized the importance of communication, teamwork, adaptability, ownership, and continuous learning.

Finally the session was taken over by **Vipul Bhave sir,** Founder & Advisor SPRING Sutra Sustainable Solutions Private Limited,Hyd. He explained that climate change is a systems engineering challenge and that the real issue lies in creating scalable, economically viable, and measurable solutions. He emphasized the need for lifecycle analysis, data-driven decisions, and integrated system design to build sustainable solutions that can truly scale and create meaningful impact.

Overall, all the sessions were informative, engaging. Together, they inspired students to broaden their perspectives, enhance their skills, and strive for continuous personal and professional growth

Outcome:

- First-year students developed confidence and active participation skills through presentations, discussions, and competitions.
- Students gained insights into entrepreneurship, sustainability, business management, and leadership from industry experts.
- Improved communication, networking, and interpersonal skills among participants.
- Strengthened teamwork and collaborative spirit aligned with the theme “Give to Gain.”
- Encouraged students to think beyond academics and explore innovation, start-ups, and socially responsible initiatives.
- Created motivation among students to actively engage in future academic, technical, and community-based programs.

Photos

Event Name: Interactive Session on IoT Devices Installation	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA – IEEE PELS SBC**
Date: 26-02-2026	**Event Type: Technical**
Venue: EEE - Machines Lab **Time: 3:30 – 4:30 PM**	**Number of Participants: 21**

Objective:

- To introduce students to the fundamentals of the **Internet of Things (IoT)** and its real-time applications.
- To provide hands-on exposure to installation and configuration of basic IoT devices.
- To bridge the gap between theoretical concepts and practical implementation.
- To enhance technical skills in sensor integration, microcontrollers, networking, and cloud connectivity.
- To encourage innovation in smart systems such as smart homes, smart energy management, and automation.

Description:

An interactive session on IoT Devices Installation was conducted to provide students with foundational and practical knowledge of IoT technology. The resource person clearly explained what IoT means — a network of interconnected devices that collect and exchange data through the internet to create smart environments.

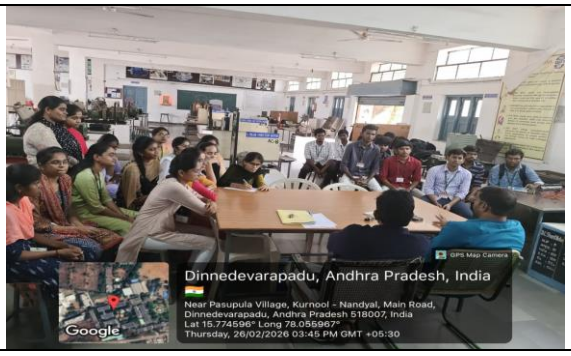
The session covered different types of IoT devices including sensors (temperature, motion, humidity), microcontrollers such as Arduino and NodeMCU, and communication modules like Wi-Fi and Bluetooth. A step-by-step demonstration was given on how to install IoT devices, including wiring connections, programming using Arduino IDE, connecting to Wi-Fi, and monitoring data through mobile or web applications. The session was highly interactive, with students actively engaging in discussions and clarifying their doubts.

Outcome:

1. Students gained a clear understanding of IoT concepts and applications.
2. Enhanced knowledge of different IoT components and their functions.
3. Acquired practical exposure to installation and configuration of IoT devices.
4. Improved technical confidence and problem-solving skills.
5. Developed interest in undertaking IoT-based mini projects and research initiatives.

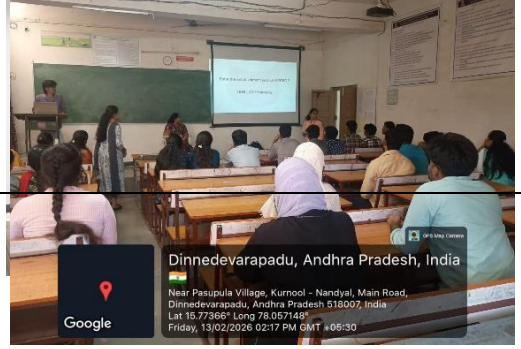
The session successfully provided experiential learning and motivated students to explore smart and connected technologies.

Photos



Event Name: Awareness on Cancer, Thyroid – Precaution measures	
Name of the cell and Forum/society: IEEE -WIE	
Date: 28-01-26	**Event Type:** Awareness Event
Venue: Seminar Gallery-1, GPREC	**Number of Participants:** 110
Objective: The IEEE-Women in Engineering (IEEE-WIE) Affinity Group has organized an Event named "Awareness on Cancer, Thyroid- Precaution Measures" on 28th January 2026 with an objective of making the students realize their inner health & maintenance.	
Description: IEEE- WIE has organized an event "Awareness on Cancer, Thyroid- Precaution measures" which is an awareness and interactive session on Cervical and Breast cancers (most frequent type of cancers in women) and also on Thyroid . The sessions were conducted to bring knowledge on female's inner health and also to bring awareness about the precautionary measures to take. Details of all vaccines that are available for women of all age groups is also shared. Girl students of II, III years from various branches have participated actively. The session was handled by the team of four doctors who have rendered their extreme service in Maurya Hospital. Dr. Vasim Hasan Raja Shaik, Dr. V. Soujanya, Dr. P. Sony, Dr. Mamatha, have given an interactive talk about the related topics.	
Outcome: Students from various branches have collectively participated in this session and have an attention towards their health and asked few important questions related to their talks.	
Photos:	

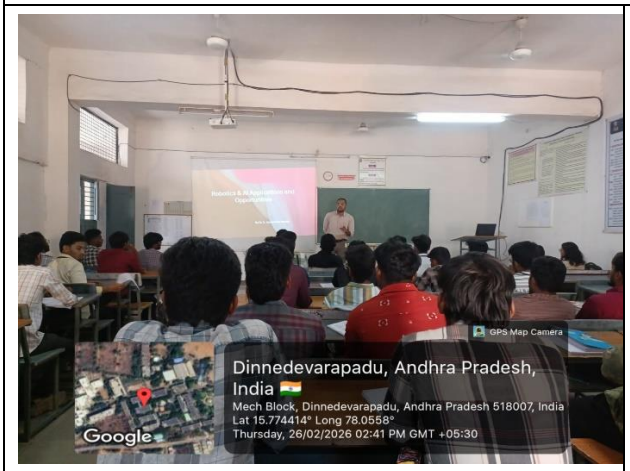
Event Name: Spark Rush	
Name of the cell and Forum/society: IEEE -WIE	
Date: 13-02-26	**Event Type:** Knowledge Gaining Event
Venue: E-Classroom & CS-1	**Number of Participants:** 65
Objective: The IEEE-Women in Engineering (IEEE-WIE) Affinity Group has organized an interactive and knowledge gaining event named “Spark Rush”, that helps students testing their knowledge and observation skills.	
Description: IEEE- WIE A**G** has organized an interactive event “**Spark Rush**”, where the students from **first, second and third years** actively showcased their interests through their collaborative participation in this event. This event was conducted in three rounds namely “**Campus & Compass**”, “**Guess it right & Get it right**” and lastly “**Confuse& Choose**”. All these rounds consisted a set of questions of choosing the right answers from the choices provided.	
Outcome: Students from various branches have collaborated and participated in this event and showed up their innovative skills and thinking abilities.	
Photos:	

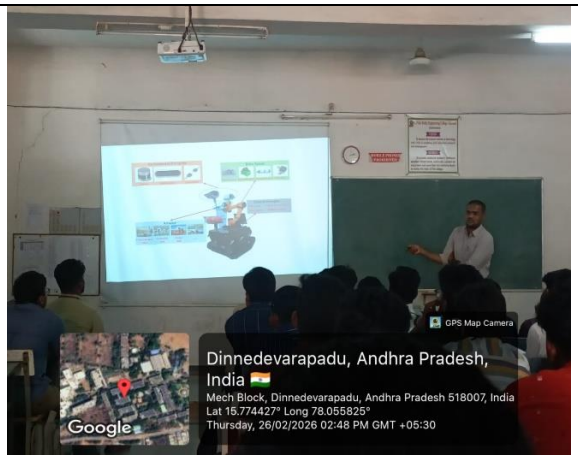


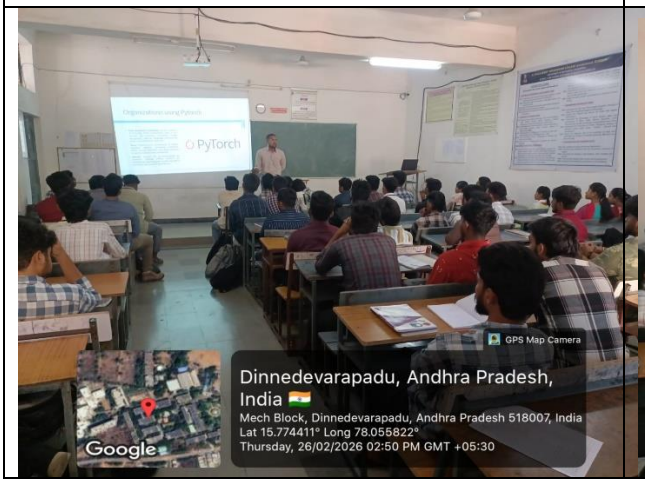
Event Name: "Robotic AI Applications & Opportunities"	
Name of the cell and Forum/society (CAA)	**IEEE RAS ME Department**
Date: 26th February 2026 **(2:30 PM – 3:20 PM)**	**Event Type: Technical**
Venue: ME - 1	**Number of Participants: 55**
Objective: To understand the fundamentals of **Artificial Intelligence in Robotics**. To explore real-world applications of AI-powered robots across industries. To analyse how AI enables robots to learn, adapt, and make decisions autonomously. To identify emerging opportunities in AI-driven robotics for research, innovation, and entrepreneurship. To examine the role of robotics and AI in sectors such as healthcare, manufacturing, agriculture, defence, and smart cities.	
Description: Robotic AI Applications & Opportunities focuses on the integration of Artificial Intelligence (AI) with robotic systems to enable intelligent perception, learning, decision-making, and autonomous action. By combining machine learning, computer vision, natural language processing, and sensor technologies, AI-powered robots can perform complex tasks with minimal human intervention. This topic explores how intelligent robots are transforming industries such as healthcare (surgical and assistive robots), manufacturing (smart automation and collaborative robots), agriculture (precision farming), defence (autonomous surveillance systems), logistics (warehouse automation), and smart cities (service robots). It also highlights emerging trends like human-robot collaboration, self-learning robots, and AI-driven industrial automation.	
Outcomes: Understand the core concepts of AI integration in robotic systems. Identify major real-world applications of AI-powered robots across industries. Analyse how robots use machine learning, computer vision, and sensor data for autonomous decision-making.	

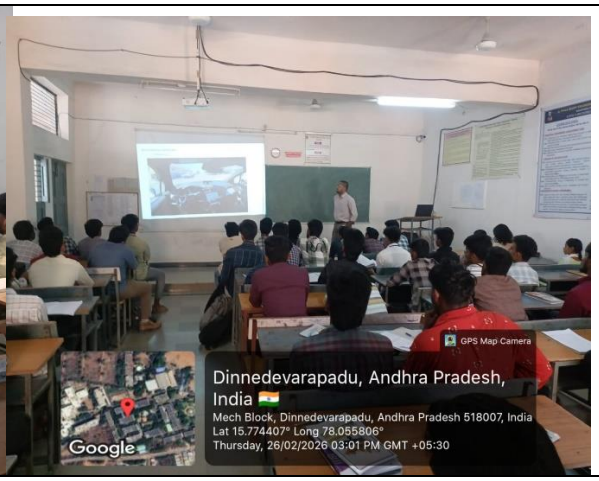
Evaluate emerging trends and technological advancements in AI-driven robotics. Recognise career, research, and entrepreneurial opportunities in the field of robotic AI. Assess the ethical, social, and economic implications of intelligent robotic systems.

Photos









Information Theory Society Students Chapter (SBC15721D)
&
IEEE Communications Society Students Chapter (SBC15721)

&
IEEE Microwave Theory and Techniques Students Chapter (SBC15721)

&
IEEE Sensors Council (SBC15721H

1. **IEEE GPREC COMSOC** in association with IEEE MTTS, sensor Council, IT society and department of ECE Conducted **"CRACKQ"** coding quiz on 28th January 2026 in IoT Lab for IEEE & Non IEEE Students, Total Number of attendees 46.

2. **IEEE GPREC COMSOC** in association with IEEE MTTS, Sensor Council, IT society and department of ECE Conducted webinar ALUMINI **CONNET-2026** on 31st January 2026 for 2nd & 3rd year ECE, IEEE & Non IEEE Students, Total Number of attendees 52.

3. IEEE Sensors Council & IEEE CIS joint chapter Hyderabad Section in with IEEE

COMSOC, IEEE MTT & IEEE IT Society organized a Three Day Hands-on Interdisciplinary workshop on **"Generative AI for next generation innovators-AI techniques for Smart Engineering Systems from** 16th to 18th February 2026 – 9:00AM to 4.30PM,Venue SG1.

Event Name: CRACKQ-Technical Quiz	
In collaboration with: IEEE Sensor Council, IEEE MTT Society& IEEE IT Soc	**Organized By:** IEEE COMSOC
Date : 28.01.26 ,3:30PM TO 5PM	**Hosted By:** IEEE GPREC Student Branch.
Venue: IoT Lab	**Number of Participants:** 46 Students
Objective: To enhance students' problem-solving abilities, logical thinking, and coding knowledge through an interactive quiz-based competition.	
Description: The Department of Electronics and Communication Engineering conducted a technical event titled CRACKQ on 28th January 2026 in the IoT Laboratory between 3:20 PM and 5:00 PM. The event focused on assessing students' coding aptitude and analytical skills through two rounds. The first round [illegible] testing programming concepts and logical reasoning. The secon[illegible]ng thinking a[illegible]us students.	
Outcome: [illegible]sk[illegible]s. It encoura[illegible]a[illegible]ir programm[illegible]	

Event Name: ALUMINI **CONNET-2026**	
In collaboration with: IEEE Sensor Council, IEEE MTT Society& IEEE IT Soc	**Organized By:** IEEE COMSOC
Date : 31.01.26 ,6:30PM TO 8PM	**Hosted By:** IEEE GPREC Student Branch.
Venue: Webinor	**Number of Participants:** 52 Students
Objective: The objective of the Alumni Connect–2026 program was to provide students with industry insights, career guidance, and motivation through interaction with successful alumni working in reputed organizations and premier institutions.	
Description: The IEEE Communications Society (COMSOC), in association with IEEE MTT Society, IEEE Sensor Council, and IEEE IT Society, organized an **Online Alumni Interaction Program titled "ALUMNI CONNECT–2026"** on **31st January 2026** through Google Meet. The program was intended for IV and VI semester students and featured alumni from the academic years 2022 and 2023. The invited alumni speakers shared their academic journeys, experiences in higher education at premier institutes such as NIT Trichy, IISc Bangalore, IIT Kanpur, and BITS Hyderabad, and their professional experiences at Qualcomm. The session included c expectatio asking qu Outcome: pathways. planning. excellence	

Event Name: Three-Day Hands-on Interdisciplinary workshop on **"Generative AI for next generation innovators-AI techniques for Smart Engineering Systems"**	
In collaboration with: IEEE ComSoc, IEEE MTTS & IEEE ITSoc	**Organized By:** IEEE Sensors Council & IEEE CIS joint chapter Hyderabad Section.
Date: 16th to 18th February 2026 – 9:00AM to 4.30PM	**Hosted By:** IEEE GPREC Student Branch.
Venue: SG1	**Number of Participants:** 90

Day1:

The three-day hands-on interdisciplinary workshop commenced with the **morning session on Day 1**, which was handled by **Dr. N. Srinivas Naik, Assoc.Prof & HOD of CSE, IIITDM**. The session focused on **Big Data and Artificial Intelligence fundamentals**, providing participants with a strong conceptual foundation. Key topics included the basics of big data, the role of AI in handling large-scale data, and its relevance to smart engineering systems. The **afternoon session** on the same day was delivered by **Dr. B. Vijender Reddy**, **ISRO Scientist** who covered essential **data analytics concepts**. The session emphasized data processing, analysis techniques, and their practical applications, enabling participants to understand how data-driven insights support intelligent engineering solutions.

Day2:

The sessions on **Day 2** were conducted by **Dr. Vishnu Vardhan Reddy**, Assoc.Prof. CSE dept (AI & ML), GPREC(A) who guided participants from **Python programming fundamentals to full-stack development concepts**. The resource person explained modeling techniques and demonstrated the integration of backend technologies for building intelligent applications. The hands-on approach helped participants gain practical exposure to Python-based development, backend frameworks, and system modeling, strengthening their understanding of how AI solutions are implemented in real-world engineering applications.

Day3:

Day 3 of the workshop was conducted by **Sri Yeshwanth Kumar**, Manager at **Microsoft**, along with his team. The sessions focused on **industry-relevant AI tools and platforms**, offering participants valuable insights into current trends and practical AI applications. The resource persons demonstrated the use of modern AI tools for automation, analytics, and

innovation, bridging the gap between academia and industry. The interactive discussions and demonstrations inspired participants to explore AI technologies for future projects, research, and career opportunities.

Objective:

- To introduce the fundamentals of Artificial Intelligence (AI) and Generative AI concepts relevant to modern engineering applications.
- To equip participants from non-CSE and interdisciplinary branches with practical knowledge of AI techniques used in smart engineering systems.
- To provide hands-on exposure to AI tools, models, and platforms for solving real-world engineering problems.

Description:

This three-day hands-on interdisciplinary workshop focuses on the emerging role of Generative AI and its applications in Smart Engineering Systems. The program is designed to cater to participants from diverse engineering backgrounds, with minimal prerequisite knowledge of programming or AI.

The workshop covers essential AI concepts, including machine learning basics, data analytics, and Generative AI models, followed by hands-on sessions using popular AI tools and platforms.

Interactive sessions and practical exercises will enable participants to understand how AI techniques can be effectively integrated into engineering workflows. The workshop also highlights current trends, challenges, and future opportunities in AI-driven smart technologies.

Outcome

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IEEE Computer Society Students Chapter (SBC15721C)
&
IEEE Computational Intelligent Society Students Chapter (SBC15721H)

1. IEEE-CS organized an Guest Lecture on '**INTRODUCTION TO MACHINE LEARNING'** on **16th February, 2026** from **11:00 AM to 12:40 PM** at Seminar Gallery-1.
2. IEEE-CS organized an event on '**CODE COMPLETION CHALLENGE'** on **22ndFebruary, 2026** from **11:50 AM to 12:40 PM** at CS-3.
3. IEEE-CS organized an event on **'SKRIBBLE.IO'** on **22nd February, 2026** from **11:50 AM to 12:40 PM** at CS-5**.**
4. IEEE-CS organized an event on **'REBUZZ'** on **23rd February, 2026** from **11:50 AM to 12:40 PM** at CS-1**.**
5. The IEEE-CIS organized a Guest lecture on Quantum Machine Learning by Dr.B.Vijender Reddy, Scientist, ISRO on 16-02-2026. This guest lecture introduced the emerging field of Quantum Machine Learning (QML), which integrates principles of quantum computing with modern machine learning techniques.

Event Name : INTRODUCTION TO MACHINE LEARNING	
Name of the cell and Forum/Society : CAA	
Date:16 th Feb, 2026	**Event Type :** Technical
Venue: Seminar Gallery-1	**Number of Participants:** 75

Objective:

The objective of this event was to provide students with valuable insights into Machine Learning and its real-world applications in space research and advanced technology. The session aimed to bridge the gap between theoretical knowledge and practical implementation, highlighting how Machine Learning plays a crucial role in modern scientific innovations.

Description:

The event featured an informative guest lecture by Dr. B. Vijender Reddy, an ISRO scientist, on Machine Learning and its applications in space technology and research. The session covered practical use cases, emerging trends, and the role of AI-driven systems in satellite data analysis, prediction models, and automation.

Outcome:

The session witnessed active participation and enthusiastic engagement from students. Participants gained practical insights into Machine Learning applications in real-world scenarios, particularly in space research and scientific advancements.

Photos

Event Name: CODE COMPLETION CHALLENGE	
Name of the cell and Forum/society: CAA	
Date: 21st Feb, 2026	**Event Type:** Technical
Venue: CS-3	**Number of Participants:** 35

Objective:

To enhance students' logical thinking and programming skills through completing missing parts of code snippets. To test their understanding of syntax, debugging, and problem-solving in a competitive environment..

Description:

The Code Completion Challenge was a technical event where participants give incomplete code snippets.They analyzed the logic and filled in the missing lines to the correct output. The questions covered concepts like loops, conditionals, functions, and arrays. Participants were evaluated based on correctness, efficiency, and logical reasoning.

Outcome:

The event boosted students' confidence, teamwork, and interest in technical learning through fun and active participation.

Photos

Event Name: SKRIBBLE.IO	
Name of the cell and Forum/society: CAA	
Date: 21st Feb, 2026	**Event Type:** Tech-tainment
Venue: CS-5	**Number of Participants: 41**

Objective:

To enhance students' communication skills, creativity, and imagination through a fun and interactive drawing-based activity.

Description:

The Skribble.io event was conducted as an engaging classroom activity where one participant described an object without naming it, and another participant drew the object based on the description. The activity encouraged clear communication, active listening, and creative thinking. Students enthusiastically participated and enjoyed seeing the different interpretations of the same description. The event created a lively and entertaining learning environment while also improving verbal expression and visualization skills.

Outcome:

The event improved students' communication skills, creativity, and teamwork. It also encouraged confidence and active participation in a fun learning atmosphere.

Photos

Event Name: REBUZZ	
Name of the cell and Forum/society: CAA	
Date: 23rd feb, 2026	**Event Type:** Technical

Venue: CS-1	**Number of Participants:** 18

Objective:

To enhance students' communication skills, creativity, and imagination through creative images.

Description:

The Rebuzz event was conducted as an engaging classroom activity where each row is divided into a team and the team which answers within less time will be awarded a point. The activity encouraged clear communication with teammates, creative thinking. Students enthusiastically participated and enjoyed seeing the different interpretations of the same description. The event created a lively and entertaining learning environment while also improving verbal expression and visualization skills.

Outcome:

The event improved students' communication skills, creativity, and teamwork. It also encouraged confidence and active participation in a fun learning atmosphere.

Photos

Event Name: Quantum Machine Learning	
Name of the cell and Forum/society (EAA/NSS/VSC/CAA)	**CAA–IEEECIS**
Date:16-02-2026	**Event Type: Guest Lecture**
Venue: Seminar Gallery-2	**Number of Participants:175**

Objective: The objective of this guest lecture is to understand the foundational principles of Quantum Machine Learning, explain how variational quantum circuits are used for learning tasks, and critically evaluate the potential advantages and limitations of quantum-enhanced models compared to classical machine learning approaches.

Description of the event: The IEEE-CIS organized a Guest lecture on **Quantum Machine Learning** by Dr.B.Vijender Reddy, Scientist,ISRO on 16-02-2026. The guest lecture introduced the emerging field of **Quantum Machine Learning (QML)**, which integrates principles of quantum computing with modern machine learning techniques. The session provided a conceptual overview of quantum computation—covering qubits, superposition, entanglement, and parameterized quantum circuits—and exploration of how these ideas enable new learning models.

Outcome: Students gained knowledge on the concepts of Quantum Machine Learning

Photos