

ENGINEERS' DAY CELEBRATIONS



YANTRIKEE CLUB IS DELIGHTED TO INVITE YOU TO THE

Engineers' Day Celebration 2025

COMMEMORATING THE BIRTH ANNIVERSARY OF

Bharat Ratna Sir
Mokshagundam Visvesvaraya



SEPTEMBER

MONDAY

15

AT 03:30 PM

FST AUDITORIUM

Introduction

Every year on 15th September, India celebrates Engineers' Day to commemorate the birth anniversary of Bharat Ratna Mokshagundam Visvesvaraya, one of the greatest engineers, visionaries, and statesmen in Indian history. His remarkable contributions to irrigation systems, flood control, and infrastructure development laid the foundation for modern engineering in India.

The Engineers' Day Celebration 2025 at FST Auditorium, ICFAI Tech Hyderabad, was organized by the Yantrikey Club with the purpose of honoring this legacy while providing a platform for students to showcase their talents, creativity, and innovative thinking.

The celebration aimed to:

- Inspire students through the values and contributions of Sir M. Visvesvaraya.
- Encourage innovation, teamwork, and problem-solving.
- Provide opportunities for students to engage in technical competitions, idea pitching, coding challenges, creative poster design, and prototype development.
- Build confidence among participants by recognizing their achievements through prizes and certificates.

This year's celebrations carried a strong theme of "Engineering Innovation through AI and Creativity", aligning with the growing importance of artificial intelligence, coding, and entrepreneurship in shaping the future of engineering.

The highlight of the celebration was the prize distribution ceremony on 15th September 2025, where winners from four major competitions – First Principles: Redefining Products with AI – Ideathon , CodeArena- Engineers' Day Cup, ProtoVision2025, and PosterMania2025 – were honored in the presence of the Director, faculty members, and distinguished guests.

Event Planning & Objectives

The Engineers' Day Celebration 2025 at ICFAI Tech was not only a tribute to Sir Mokshagundam Visvesvaraya but also a platform to showcase the creativity, problem-solving, and technical acumen of students.

2.1 Objectives of the Celebration

The primary objectives of this year's Engineers' Day Celebration were:

1. **Commemoration:** To honor the contributions and legacy of Sir M. Visvesvaraya, inspiring students to carry forward his vision of engineering excellence.
2. **Innovation:** To encourage students to think creatively and apply first principles and problem-solving skills in real-world contexts.
3. **Skill Development:** To provide a platform where students could practice coding, ideation, and prototyping, enhancing both technical and creative skills.
4. **Recognition:** To celebrate the achievements of winners and participants, motivating the wider student community to engage in co-curricular activities.
5. **Collaboration:** To strengthen teamwork and leadership among students by organizing multi-stage, cross-domain events.

2.2 Resources and Support

The event was made possible through institutional support, faculty mentorship, and active student participation. Key resources included:

•Venues:

- oFST Auditorium – for the Engineers' Day Celebration and First Principles: Redefining Products with AI – Ideathon
- oR-104 – for CodeArena – Engineers' Day Cup.
- oFST Dome Area – for ProtoVision 2025 prototype showcase.
- oFST Lawn – for PosterMania 2025.

•**Judges & Guests:** Faculty experts and external professionals to evaluate participants.

•**Certificates & Prizes:** Monetary prizes and certificates were arranged to reward winners and recognize participants.

Event Execution

The Engineers' Day Celebration 2025 followed a well-structured program designed to honor engineers, motivate students, and highlight technical and creative achievements. The sequence of activities ensured that all participants and guests were engaged and recognized appropriately.

Welcome Note

The celebration commenced with a warm welcome extended to:

- Director K. L. Narayana Sir
- Vikram Sir (PhD, IIT Madras)
- Faculty members, student participants, and club representatives

The welcome note highlighted the significance of Engineers' Day and set a positive and enthusiastic tone for the celebration.

Faculty Speeches

- Director K. L. Narayana Sir addressed the students, emphasizing the importance of engineering in nation-building, innovation, and sustainable development.
- Vikram Sir, a distinguished PhD graduate from IIT Madras, inspired students to explore research opportunities, higher studies, and hands-on technical projects, sharing personal insights and experiences from his academic journey.

These speeches served as motivation for students and emphasized the values of innovation, problem-solving, and lifelong learning.

Engineers' Day Message

A brief note was shared about Sir Mokshagundam Visvesvaraya's legacy, emphasizing:

- Dedication to engineering and nation-building
- Innovation and practical problem-solving
- Inspiration for future generations of engineers

This segment reminded students of the historical significance of the day and reinforced the importance of striving for excellence in engineering.

Event Flow Overview

The event execution smoothly transitioned into the recognition of competitions and awards, ensuring an engaging experience for all attendees:

1. Introduction of competitions: Brief overview of Ideathon, CodeArena, PosterMania, and GDG Innovation Challenge.
2. Highlights of each event: Presentations, posters, and prototypes were briefly showcased.
3. Prize Distribution: Winners and runners-up were announced and awarded by faculty members.
4. Acknowledgment of participants: Certificates were distributed to all students who participated in the events.

First Principles: Redefining Products with AI - Ideathon

The First Principles: Redefining Products with AI - Ideathon was the opening event of the Engineers' Day 2025 celebrations, held on 8th September 2025 at the FST Auditorium. The event was designed to ignite creativity, problem-solving, and innovation among students using the First Principles approach—a method that deconstructs complex problems into fundamental truths to arrive at innovative solutions.

Organized by the CSE Department in collaboration with Yantrikey Club, the Ideathon encouraged students to think critically and develop AI-driven solutions for real-world challenges.



Objectives

- The Ideathon aimed to provide a platform for students to:
- Apply first principles thinking in solving real-world problems.
- Showcase creativity by developing AI-based solutions.
- Collaborate in teams, fostering teamwork and design thinking.
- Gain insights directly from industry professionals and mentors.

Event Flow

The Ideathon was conducted in multiple phases, ensuring a structured learning and pitching experience:

1. 10:00 AM – 10:30 AM | Guest Talks

- o Nitish, Founder of Rickle AI: Introduced students to AI's role in modern product design and shared insights from his entrepreneurial journey.

- o Ankit, Founder of The PM Circle: Spoke about product management, community building, and scalable solution development for engineers.

2. 10:30 AM – 11:00 AM | Kick-off Session

- o The theme “Redefining Products with AI” was introduced.
- o Rules, judging criteria, and expectations were explained.

Teams of four students were formed to promote cross-batch collaboration.

3. 11:00 AM – 1:00 PM | Work Time

oTeams brainstormed and developed solutions based on real-world challenges.

oFaculty coordinators and industry mentors guided students in refining their ideas.

oSample problem statements included:

- Student Innovators: Improve project collaboration and deadline tracking.
- Internship Hunters: Manage resumes, applications, and interview preparation.
- Placement-Ready Graduates: Balance aptitude, coding, and soft skills.
- Skill Builders: Make learning resources more structured and mentor-driven.
- Aspiring Entrepreneurs: Find teammates, validate ideas, and execute projects.

4. 1:00 PM – 2:00 PM | Evaluation Round

oJudges evaluated submissions and shortlisted the Top 10 teams based on creativity, feasibility, and AI application.

5. 2:00 PM – 3:30 PM | Final Presentations

oEach of the Top 10 teams delivered a 5-minute pitch followed by Q&A from the judges.

oPresentations covered problem identification, proposed AI solution, and implementation plan.

6. Results & Certificates

oWhile the final presentations were held on 8th September, winners were officially announced on 15th September during the Engineers' Day Celebration.

oAll participants received certificates of participation.

Judging Criteria

Teams were assessed based on:

- **Innovation & Creativity:** Originality of the idea.
- **Feasibility & Practicality:** Potential for real-world application.
- **Use of AI Principles:** Relevance and effective use of AI in the solution.
- **Teamwork & Presentation Skills:** Clarity, confidence, and collaboration.

Outcomes for Students

- Gained hands-on experience applying AI concepts to practical problems.
- Strengthened teamwork, collaboration, and pitching skills.
- Received valuable guidance from industry mentors like Nitish and Ankit on career paths in AI and product management.
- Experienced the full innovation cycle: identifying problems, designing solutions, and presenting prototypes.

Recognition & Prizes

- 1st Prize: ₹3000
- 2nd Prize: ₹2000
- Certificates for all participants.

Key Highlights

- High participation from multi-disciplinary teams.
- Judges praised the originality of ideas and clarity of presentations.
- Several teams proposed solutions with the potential to be developed into start-ups with further mentorship.

The Ideathon successfully set the tone for Engineers' Day 2025 by inspiring students to move beyond conventional thinking and apply first principles and AI to address real-world challenges

WinnersList: Ideathon 2025 – First Principles: Redefining Products with AI

1st Place - Cognitive Crew	2nd Place - Team GetReal	3rd Place - Team S5
• M. VIGNESH • ABHIJITH PRAMOD • G. NAGA SURYA TEJA • P DAKSHAYANI SUSMITHA • NAMBI GURUCHARAN REDDY • G.J.Shreyanjali	• TANISHQ SUGANDHI • PVS SAMITHA • TANAY AGARWAL • VADAPALLI AKHILA	• SAI HARESH ANAND S • SURAJ KUMAR • KOTAM SATYA RITHUL • V SREEHITHA • THADELU SWATHI



CodeArena – Engineers' Day Cup

CodeArena – Engineers' Day Cup was a high-intensity coding competition organized by Yantrikey Club on the occasion of Engineers' Day 2025, commemorating the legacy of Bharat Ratna Sir Mokshagundam Visvesvaraya. The competition aimed to provide an engaging platform for students to test their problem-solving skills, algorithmic knowledge, and coding efficiency.

5.1 Objectives

- Promote logical thinking and programming skills among students.
- Encourage healthy competition in a collaborative learning environment.
- Identify and reward the brightest minds in coding within the campus community.
- Raise awareness about the importance of computational thinking in engineering education.

5.2 Event Details:

- Venue: R-104 (Logic loop Lab)
- Date: 11th September 2025
- Time: 11:30 AM – 1:00 PM

5.3 Participants

The event saw enthusiastic participation from over 60 students across various departments. Each participant brought unique strengths in algorithms, data structures, and competitive programming.



5.4 Event Structure

The competition was designed to challenge participants across multiple dimensions of coding:

1. Round – Problem Solving:

- oParticipants were presented with 5 algorithmic problems.

- oTime limit: 60 minutes.

- oFocus: Accuracy, code efficiency, and logical approach.

- oFocus: Rapid thinking, optimized coding, and time management.

5.5 Evaluation Criteria

- Accuracy: Correctness of the solution.

- Efficiency: Optimized use of algorithms and data structures.

- Time Management: Timely submission of solutions.

- Code Readability: Proper naming conventions, comments, and structure.

5.6 Key Highlights

- The event witnessed intense competition, with teams solving complex algorithmic problems in record time.

- Innovative problem-solving approaches were observed, showcasing creativity and deep understanding of programming concepts.

- Judges provided live feedback during the debugging round, helping participants learn from their mistakes in real-time.

- The event fostered camaraderie among participants, encouraging peer learning and collaboration.

5.7 Winners & Recognition

- 1st Prize: ₹3000 – SAI CHARAN (1st Year)

- 2nd Prize: ₹2000 – N. VIGNESH (4th Year)

- Certificates for all participants.

The winning teams were recognized not only for their coding prowess but also for their strategic approach and quick thinking under pressure.

5.8 Impact & Feedback

- Students reported increased confidence in tackling coding challenges.
- The event inspired participants to engage more actively in future tech competitions.
- Faculty highlighted the importance of such initiatives in bridging classroom learning with practical problem-solving skills.

Conclusion

CodeArena – Engineers' Day Cup successfully celebrated the spirit of innovation, problem-solving, and engineering excellence. The event not only tested coding abilities but also nurtured teamwork, critical thinking, and strategic planning among participants, aligning perfectly with the vision of Engineers' Day 2025.



ProtoVision 2025 – Prototype Development & Pitching Event

ProtoVision 2025, organized by GDG Club in collaboration with ICFAI Tech Entrepreneurship Council (ITEC Club), was held on 15th September 2025 at the Dome Area, FST.

6.1 Objective of the Event

ProtoVision 2025 aimed to foster innovation, problem-solving, and creativity among students by providing a platform to ideate, develop, and pitch functional prototypes addressing real-world challenges. The event emphasized hands-on development, technical skills, and effective communication.

6.2 Participation Details

- Total Teams: 9
- Total Participants: 32
- Team Composition: 2–4 students per team
- Discipline Diversity: Students from various branches actively participated, developing practical prototype solutions.

6.3 Problem Statements & Teams:

Team Name	Problem Statement
MediCoder	CareConnect – App for health management with smart reminders, report storage, and chatbot assistance
Eco Heart	Addressing loneliness in hyper-connected societies
NovaX	Affordable drones for various applications
AgniScan	Web app to predict and filter spam emails and SMS in real-time
GenericBuddy	Tool for affordable generic medicines and nearby pharmacies
Youthful Minds	All-in-one automotive service platform integrating maintenance, repairs, emergency assistance, and e-commerce
Moonlight Warriors	Improve accuracy of restaurant ratings for users and small vendors
S-5	Platform supporting physical and mental well-being, lifestyle disease management
Team EDUEARN	Affordable course access and peer-reward platform for learning resources

6.4 Event Structure

1. Problem Statement Assignment: Each team focused on a unique, practical challenge.
2. Prototype Development Phase: Teams designed and developed working prototypes addressing the problem statements.
3. Presentation & Pitching:
 - o Teams created PowerPoint presentations summarizing their idea, development process, challenges faced, and final solution.
 - o Each team pitched their prototype to a panel of expert judges.

6.5 Judging Criteria

- Idea Innovation: Originality and creativity of the solution
- Problem Solving: Effectiveness of the prototype
- Presentation (PPT): Clarity, structure, and visual appeal
- Communication Skills: Confidence and ability to answer queries

6.6 Panel of Judges:

- Dr. P. Pavan Kumar
- Dr. Sowjanya
- Dr. Avinash Malladi
- Dr. Soumit Samadder

6.7 Highlights of the Event

- Intense competition with remarkable prototypes from all teams.
- Interactive Q&A sessions between teams and judges promoted knowledge exchange.
- Collaborative atmosphere encouraged teamwork, creativity, and analytical thinking.
- Opportunity to develop technical, problem-solving, and presentation skills.

6.8 Prizes and Recognition

- 1st Prize: ₹3000 – GenericBuddy
- 2nd Prize: ₹2000 – S-5
- Certificates awarded to all participants.

6.9 Outcome & Impact

- Innovative solutions with potential for further development emerged.
- Students gained confidence in technical problem-solving and public speaking.
- Encouraged teamwork, creativity, and practical innovation.

Conclusion

ProtoVision 2025 successfully achieved its goal of inspiring innovation and collaboration among students. The event demonstrated the power of teamwork, creative thinking, and effective communication in developing practical prototypes. The collaborative efforts of GDG and ITEC Clubs ensured a well-structured and engaging experience, laying the foundation for future innovation initiatives at IFHE.



Poster Mania2025

PosterMania2025 was a creative competition organized by LitGalor Club as part of the Engineers' Day 2025 celebrations. The event provided students with a platform to unleash their creativity, merge imagination with engineering concepts, and express ideas visually.

7.1 Objectives

The event aimed to:

- Encourage students to combine artistic creativity with engineering concepts.
- Provide a platform for students to visually communicate innovative ideas.
- Develop technical illustration and presentation skills.
- Promote healthy competition and celebrate interdisciplinary creativity.

7.2 Event Details

Theme: "Where Art Meets Engineering" – encouraging participants to merge imagination and logic.

Date: 12th September 2025

Time: 5 to 5:30 pm

Mode: Online

Participation: Individual participants only

Materials: Participants were required to use tools like Adobe or Canva.

7.3 Event Flow

11:00 AM – 11:15 AM | Briefing & Registration

Participants were briefed on the theme, rules, and judging criteria.

5:00 PM – 5:30 PM | Poster Creation

Students worked individually to create posters reflecting the theme. Focus was on creativity, clarity, and integration of engineering concepts.

7.4 Judging Criteria

Judges evaluated the entries based on creativity, technical relevance, visual appeal, and presentation.

Creativity & Originality: Innovative ideas and unique visual expression.

Technical Relevance: Accuracy and integration of engineering concepts.

Visual Appeal: Aesthetics, layout, and design quality.

Presentation Skills: Ability to convey the ideas clearly and confidently.

7.5 Recognition & Prizes

1st Prize: ₹3000 – Mahak Rathore

2nd Prize: ₹2000 – Kavya Garlapati

Certificates for all participants.

7.6 Key Highlights

- High participation with students showcasing diverse and imaginative ideas.
- Posters effectively merged art with engineering, reflecting both logic and creativity.
- Judges praised the originality and presentation of entries.
- The event emphasized visual communication as a key skill for engineers.

PosterMania2025 successfully celebrated creativity, imagination, and technical visualization, allowing students to express their ideas in a fun and engaging way during Engineers' Day 2025.

Certificate Distribution Ceremony

The highlight of the Engineers' Day Celebration 2025 was the Certificate and Prize Distribution Ceremony, held on 15th September 2025 at the FST Auditorium. The ceremony recognized the talent, dedication, and innovative spirit of students who participated in the series of events conducted in the lead-up to Engineers' Day, including Ideathon 2025 – First Principles: Redefining Products with AI, CodeArena –Engineers' Day Cup, ProtoVision 2025, and PosterMania 2025.

Director Prof. K. L. Narayana Sir, along with esteemed faculty members, felicitated the winners and runners-up with certificates and cash prizes. The distribution of certificates not only celebrated the achievements of the top performers but also served as a token of encouragement for all participants who showcased creativity, problem-solving, and teamwork.

The atmosphere was filled with enthusiasm as winners were called on stage, cheered on by their peers. The distribution ceremony symbolized the acknowledgment of hard work and reinforced the importance of innovation and continuous learning among students.





Special Thanks

A heartfelt acknowledgment to the Nexus Club for capturing the event's energy and spirit through photographs. Their work preserved the memorable moments of Engineer's Day 2025 and enhanced the overall experience of the event.

Challenges Faced

While the Engineers' Day Celebration 2025 was executed successfully, several challenges were encountered during planning and execution:

1. Coordination Across Multiple Events:

oWith Ideathon, CodeArena, ProtoVision, and PosterMania happening across different venues, ensuring seamless scheduling and communication among organizing clubs required careful planning and frequent coordination.

2. Venue and Resource Management:

oManaging logistics such as stage setup, audio-visual arrangements, seating, and prize distribution for multiple events was complex, given the large number of participants and simultaneous activities.

3. Time Management:

oMaintaining the event flow according to schedule while allowing sufficient time for presentations, Q&A sessions, and prize distribution posed a challenge, especially with extended discussions during prototype demonstrations.

4. Technical and Presentation Support:

oEnsuring all teams had access to necessary equipment (projectors, laptops, demo areas) and addressing last-minute technical issues required quick troubleshooting.

5. Audience Engagement:

oKeeping students, faculty, and guests engaged during long sessions, while maintaining focus on each event's purpose, needed proactive stage management and coordination.

Despite these challenges, the dedicated efforts of the organizing committees (Yantri-kee, LitGalor, GDG, and ITEC Clubs) and faculty support ensured smooth execution and a memorable celebration for all participants.

Outcomes & Feedback

The Engineers' Day Celebration 2025 provided a vibrant platform for students to showcase their talent, creativity, and technical skills. The overall outcomes and feedback from the event are summarized below:

1. Enhanced Innovation and Problem-Solving Skills:

- oParticipants of Ideathon, ProtoVision, and GDG Innovation Challenge gained hands-on experience in developing practical solutions, applying AI concepts, and creating functional prototypes.

2. Technical and Creative Skill Development:

- oStudents improved their coding, design, presentation, and communication skills through CodeArena, PosterMania, and ProtoVision events.

- oExposure to real-world problem statements encouraged analytical thinking and creativity.

3. Teamwork and Collaboration:

- oMulti-disciplinary teams promoted collaboration, idea exchange, and effective teamwork across different departments and year-groups.

4. Motivation and Recognition:

- oCertificate distribution and prize awards motivated students to pursue innovation and recognized their hard work and achievements.

- oWinners of each event received cash prizes and certificates, fostering a competitive yet encouraging environment.

5. Positive Faculty and Student Feedback:

- oFaculty praised the organization, quality of presentations, and originality of student solutions.

- oStudents expressed appreciation for the opportunities to learn, experiment, and interact with mentors, highlighting the event as inspiring and educational.

6. Networking and Mentorship Opportunities:

- oInteraction with faculty, industry mentors, and club coordinators allowed students to gain valuable insights and guidance for future projects and research.

Overall, the Engineers' Day Celebration successfully achieved its objectives by fostering innovation, encouraging creativity, and promoting active learning, leaving a lasting impression on both participants and attendees.

Conclusion

The Engineers' Day Celebration 2025 at IFHE Campus was a grand success, honoring the legacy of Bharat Ratna Sir Mokshagundam Visvesvaraya while providing a dynamic platform for students to showcase their creativity, technical skills, and innovative thinking.

The celebration brought together multiple events –First Principles: Redefining Products with AI 2025, CodeArena, ProtoVision 2025, PosterMania 2025, and the GDG Innovation Challenge – each designed to challenge, inspire, and motivate students. The presence of distinguished guests, including Director K. L. Narayana Sir, and Vikram Sir (PhD, IIT Madras), added depth and inspiration to the occasion. Their speeches emphasized the importance of engineering, innovation, continuous learning, and problem-solving in shaping future leaders.

The events provided students with opportunities to:

- Apply first-principles thinking and AI concepts in Ideathon2025
- Enhance coding and technical skills in CodeArena2025
- Express creativity through art and design in PosterMania2025
- Develop functional prototypes and innovative solutions in ProtoVision2025 and GDG On Campus

The certificate and prize distribution ceremony recognized both winners and participants, reinforcing the value of effort, teamwork, and perseverance. Students gained not only recognition but also practical experience in communication, presentation, and project execution. Despite challenges in coordination, logistics, and technical support, the combined efforts of Yantrikey Club, LitGalor Club, GDG Club, ITEC Club, faculty, and student volunteers ensured a smooth and memorable celebration. Feedback from students and faculty highlighted the event as motivating, engaging, and enriching, inspiring participants to continue exploring innovation and engineering excellence. In conclusion, the Engineers' Day Celebration 2025 successfully celebrated engineering brilliance, fostered creativity, and inspired the next generation of innovators at IFHE. It was not only a recognition of talent but also a celebration of the engineer's spirit of curiosity, problem-solving, and innovation, setting the stage for many more such initiatives in the future.