



# NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College, Permanently Affiliated to Visvesvaraya Technological University, Belagavi  
Approved by AICTE & UGC, Accredited by NAAC with 'A' Grade, Accredited by NBA



## A Report

### AICTE IDEA Lab – Ideathon State Level Competition

One day **Ideathon State level Competition** was successfully organized at New Horizon College of Engineering under the initiative of the AICTE IDEA LAB and the Department of Research and Development.

<b>Chief Mentor</b>	: Dr. Manjunatha, Principal
<b>Faculty Coordinator</b>	: Dr. Revathi V, Dean R&D
<b>Faculty Co Coordinator</b>	: Dr. A. Sujin Jose, Associate Professor- R&D/Mech
<b>Tech Gurus</b>	: Ms. Shweta, Mr. Amrit Das, Mr. Thanuj Kumar
<b>Student Coordinators</b>	: 36 students from various departments
<b>Date</b>	: 19 November 2025 to 21 November 2025
<b>Total No of Participants</b>	: 405 students
<b>Number of Teams</b>	: 85

#### Objectives

- The program aimed to fostering creativity, innovation, and problem-solving among students. The event brought together participants from various colleges who collaborated to generate impactful ideas addressing real-world challenges.
- To encourage innovative, technology-driven solutions across key sectors such as financial technology, Smart vehicles and transportation, Disaster management, space technology, and sustainable energy management.

#### Overview

A total of **405 students from various Engineering colleges** actively participated in the Ideathon, showcasing a wide range of innovative ideas, technical expertise, and creative problem-solving skills across various thematic domains. The event began with an inaugural session, where the coordinators welcomed all participants and highlighted the importance of ideation in transforming innovative concepts into practical solutions. Participants were briefed on the goals of the Ideathon and the

expectations from each domain. The session emphasized the importance of interdisciplinary thinking and encouraged students to explore challenges from technological, economic, and social perspectives.

Students were then grouped into teams and allowed to choose their domain of interest. Mentors and faculty experts from various departments provided continuous support, offering insights into innovation, design thinking, and implementation strategies.

Throughout the event, participants explored diverse themes:

- **Financial Technology:** Teams worked on ideas that improve financial inclusion, digital payment efficiency, cybersecurity, and transparent financial services.
- **Smart Vehicle & Transportation:** Participants proposed solutions related to intelligent mobility, traffic optimization, smart navigation, EV infrastructure, and road safety.
- **Disaster Management:** Innovative concepts were developed for early warning systems, emergency communication, rescue coordination, resource allocation, and disaster-resilient infrastructure.
- **Space Technology:** Students explored applications of satellite data, miniature satellites, space robotics, weather prediction, and communication systems.
- **Sustainable Energy Management:** Teams focused on renewable energy solutions, smart energy monitoring, energy storage systems, and eco-friendly technologies.

After the inauguration phase, each team presented their ideas through structured pitches. The presentations included the problem statement, solution concept, working mechanism, technological approach, feasibility, and expected impact. A panel of judges evaluated the ideas based on innovation, relevance, practicality, scalability, and clarity of presentation.

#### **Details of Colleges and teams as given below**

S. No	College Name	Number of Teams
1	Acharya Institute of Technology	2
2	Bangalore Institute of technology	1
3	Cambridge Institute of Technology	3
4	Canara Engineering College	2
5	City Engineering College	1

6	CMR Institute of technology	1
7	Coorg institute of technology	2
8	Dayananda Sagar College of Engineering	2
9	East point college of engineering and technology	2
10	K S School of Engineering and Management	2
11	K.S. Rangasamy College of Technology	1
12	Moodalkatte Institute of technology	6
13	Mysuru Royal Institute of Technology	1
14	MVJCE	1
15	Nagarjuna college of engineering and technology	3
16	NAVKIS College of Engineering	1
17	New Horizon College of Engineering	30
18	Nitte Meenakshi Institute of Technology	1
19	Oxford College of engineering	2
20	Presidency University	6
21	Proudadevaraya Institute of Technology	1
22	R N S Institute of Technology	3
23	Rajarajeshwari college of Engineering	3
24	Reva University	1
25	Sapthagiri NPS University	2
26	Shri Madhwa vadiraja Institute of Technology and Management	1
27	SJC Institute of Technology	3
28	VidyaVardhaka college of engineering	1
	<b>Total Number of Team</b>	<b>85</b>

### Venues of Presentation & Evaluators

Domain	Venue	Evaluators
Fin Tech	Discussion Room, Incubation Centre	Ms. Priyanka Desai & Dr.Sanjeev
Smart Vehicle & Transportation	Discussion Room, IDEA Lab	Dr. Santhosh Kumar & Dr. Mohan Das
Disaster Management	RPL Lab, Library	Mr. Gowtham Raj & Mr.Chennabasava
Space Technology	IDEA Lab	Dr. Rajesh & Dr.Padmaja
Sustainable Energy Management	VC Room, Library	Mr. Anand Pai & Mr.S.Vinod Kumar

The event witnessed highly creative and impactful solutions across all domains. Judges appreciated the students' enthusiasm, teamwork, and analytical thinking. After careful

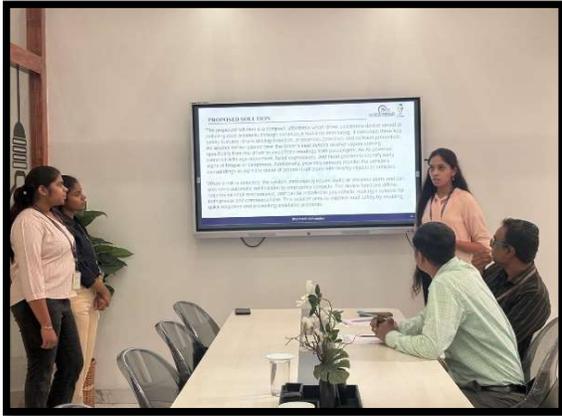
deliberation, the best ideas from each domain were recognized and awarded. All participants received certificates for their effort and contribution.

**The following participants were recognized for their outstanding performance and received prizes**

Sl.No.	Domain	Team Name	College Name	Prize Won
1	Fin Tech	Asimply	Reva University	1st Prize
		Team Vertex	New Horizon College of Engineering	2nd Prize
2	Smart Vehicle & Transportation	Vector Dynamics	Cambridge Institute of Technology	1st Prize
		AlphaNova	New Horizon College of Engineering	2nd Prize
3	Disaster Management	CreAlte	K S School of Engineering and Management	1st Prize
		SAADAXA	Cambridge Institute of Technology	2nd Prize
4	Space Technology	Code Ninjas	Moodlakatte Institute of Technology	1st Prize
		Potato Rangers	New Horizon College of Engineering	2nd Prize
5	Sustainable Energy Management	Team Imagineers	Vidyavardhaka Collage of Engineering	1st Prize
		Team FortuNova	New Horizon College of Engineering	2nd Prize

### Event Photos





## Outcomes

- Students learned how creative ideas are transformed into real products
- Participants learned to identify societal problems and convert them into technically viable solutions.
- Mentors provided valuable guidance that helped enhance critical thinking, innovation, and presentation skills.
- Participants developed ideas focused on improving digital payment systems, financial literacy, and secure transaction environments.
- Teams presented innovative solutions for early warning systems, post-disaster communication networks, and emergency response mechanisms.
- Students gained exposure to cutting-edge technologies driving global space innovation.

## **Conclusion**

The Ideathon concluded with significant learning, innovation, and impactful project ideas across all five thematic domains. The event successfully fostered critical thinking, teamwork, and technical awareness among participants. Each domain brought forward a diverse range of ideas—from improving digital financial systems and designing effective disaster-response mechanisms to advancing intelligent transportation, utilizing space-based technologies, and promoting sustainable energy solutions.

**Co- coordinator**

**Coordinator, Dean R&D**

**Chief Mentor & Principal**