

# REPORT

on

## “NAVAKSHARA 2K25”

Date : 28<sup>th</sup> - 29<sup>st</sup> March, 2025



**Centurion**  
**UNIVERSITY**

*Shaping Lives...*  
*Empowering Communities...*

Organized by

**Aeromodelling Club,**  
**Department of Aerospace Engineering**

**School of Engineering and Technology, Bhubaneswar**

**Centurion University of Technology and Management,**  
**Odisha, India**



## Key Activities :

- **Inaugural Ceremony:** The event commenced with a formal inauguration involving **lamp lighting** and welcome **speeches** by distinguished **guests**, setting an enthusiastic tone for the two-day program.
- **Technical Competitions:**
  - **RC Plane Competition:** Participants showcased their custom-built radio-controlled planes, emphasizing aerodynamic efficiency and control.
  - **Rover Death Race:** A thrilling robotics-based race where autonomous and semi-autonomous rovers navigated obstacle tracks, testing their speed and maneuverability.
  - **Glider Challenge:** Engineering precision was highlighted as students demonstrated their handcrafted gliders focusing on flight duration and control.
- **Expert Engagements:**
  - Speeches were delivered by the **Head of Department** and **event sponsors**, providing motivational insights and fostering a stronger industry-academia connect.
  - A specially curated video presentation gave attendees a glimpse into real-world applications of aeromodelling and the **future of aerospace technology**.
- **Interactive Sessions:** Informal Q&A and networking opportunities were embedded throughout the event, encouraging students to engage with **faculty, sponsors & peers**.
- **Award and Recognition:**
  - A prize distribution ceremony recognized winners of various competitions, with prizes worth **Rs.20,000/-** being **awarded**.
  - A group photo session commemorated the successful execution of the event.

## Key Highlights :

- **Interdisciplinary Participation:** Students from multiple engineering disciplines took part enthusiastically, showcasing a broad interest in aerospace technology.
- **Competitive Technical Events:** Events like the RC Plane challenge, Glider showcase, & Rover Death Race encouraged innovation and real-time problem-solving.

- **Creative Engineering Displays:** The Glider competition highlighted student creativity in designing aerodynamic and efficient models.
- **Distinguished Presence:** Senior faculty, industry professionals, and delegates from SCGJ and GIZ added significance to the event through their presence and insights.
- **Industry Interaction:** Sponsors and guest speakers bridged the gap between academic learning and industry trends through inspiring talks.

## Key Outcomes :

- **Hands-on Technical Exposure:** Participants gained practical experience in building and operating RC planes, rovers, and gliders.
- **Skill Development:** The event enhanced teamwork, leadership, time management, and technical communication among student participants.
- **Innovation Motivation:** Students showed increased enthusiasm toward aerospace innovation and expressed intent to pursue advanced projects.
- **Academic Integration:** NAVAKSHARA 2K25 effectively bridged theoretical learning with real-world engineering applications.
- **Institutional Growth:** The event strengthened the department's commitment to experiential learning and boosted its reputation in the technical community.

## Future Scope :

NAVAKSHARA has the potential to evolve into a **national-level aerospace fest**, drawing participants from across the country. Future editions can include advanced workshops on **UAVs, drone racing, and cutting-edge aerospace technologies**. Collaborations with research institutions and industry partners will enrich the learning experience and offer **opportunities for internships and innovation**.

Expanding the competition categories and integrating real-world challenges will further **develop** students' **technical** and **problem-solving skills**. Strengthening alumni & industry engagement will help mentor participants & guide future **project developments**. These initiatives will ensure **NAVAKSHARA** continues to grow as a hub for aerospace excellence.

## Feedback from Participants:

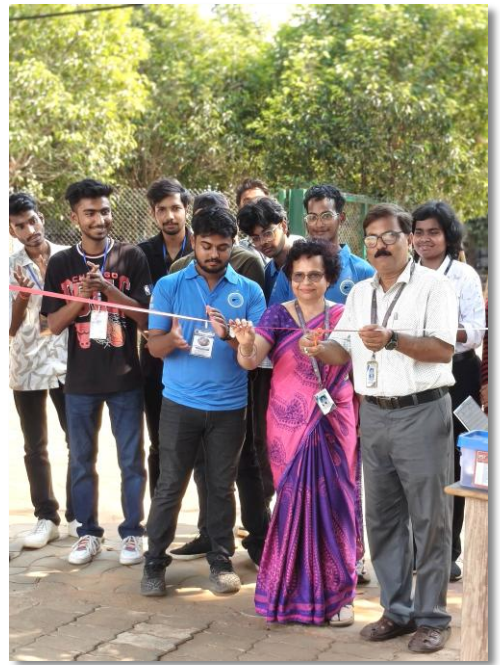
Participants expressed immense satisfaction with the event, highlighting the **well-structured** schedule, **competitive** yet **friendly atmosphere**, and **learning opportunities**. Many requested the inclusion of more workshops and hands-on sessions for **future editions**. Several attendees appreciated the diversity of events and the opportunity to **interact** with **professionals from the industry**. The event was also praised for its smooth execution and enthusiastic volunteer support.

## Acknowledgements :

The success of **NAVAKSHARA 2K25** was made possible through the dedicated efforts of the **Aeromodelling Club**, **faculty members**, **student coordinators**, and **volunteers**. Special thanks to Centurion University of Technology and Management for their support and to our sponsors **HP**, **Red Bull**, **Sky Rider**, and **FISICA** for their valuable contributions. We also appreciate the guidance of our **department leadership** and the encouragement from all **stakeholders** who played a vital role in bringing this event to life.

## Glimpses of the Event :







# Attendees :

GROUND REPORTING

Sl no	Team Name (shorter)	Member's Name	Phn No	Team Id	Competition	Entry No	Signature
1	Spider Botz	Alik & Nishu Sachin & Rajan	9876543210 9876543210	NK2K25	BR		
2	Half Brain	Yogesh & Anshu S. Kishan & Anil	9988776655 6321098765	NK2K25	DR		
3	Acadham	Siddhant & Anshu Ajay & Anshu	9988776655 9988776655	NK2K25	DR		
4	Master Botz	Shreyas & Sahil Himanshu & Anshu	8765432109 9876543210	NK2K25	DR		
5	Sense	Chaitanya & Anshu Nikhil & Anshu	9876543210 9876543210	NK2K25	DR		
6	Robozone	Chaitanya & Anshu Siddhant & Anshu	9876543210 9876543210	NK2K25	DR/RC		
7	Robozone-2	Anshu & Anshu Anshu & Anshu	9876543210 9876543210	NK2K25	DR		
8	Team Titan	Kishan & Anshu	9876543210	NK2K25	DR		

GROUND REPORTING

Sl no	Team Name (shorter)	Member's Name	Phn No	Team Id	Competition	Entry No	Signature
9	Nit 3.0	Sachin & Anshu Anshu & Anshu	9876543210 9876543210	NK2K25	RC	10-10	
10	Brainstorm	Yogesh & Anshu Siddhant & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
11	Brainstorm 2.0	Siddhant & Anshu	9988776655	NK2K25	DR	11-10	
12	Byte	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
13	Nit Odisha 2.0	Siddhant & Anshu	9988776655	NK2K25	DR	11-10	
14	Roh Odisha	Kishan & Anshu	9876543210	NK2K25	DR	11-10	
15	Roh Odisha 3.0	Siddhant & Anshu	9988776655	NK2K25	DR	11-10	
16	Genopix	Siddhant & Anshu	9988776655	NK2K25	RC	11-10	

Ground Reporting

Sl no	Team Name (shorter)	Member's Name	Phn No	Team Id	Competition	Entry No	Signature
17	Aero Hunter	Alik & Nishu Sachin & Rajan	9876543210 9876543210	NK2K25	RC	11-10	
18	Team Starlion	Siddhant & Anshu	9988776655	NK2K25	RC	11-10	
19	PLUTOX 3.0	Anshu & Anshu Siddhant & Anshu	9876543210 9876543210	NK2K25	DR	11-10	
20	Vikrant	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
21	FlightX	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	RC	11-10	
22	Team Phoenix	Siddhant & Anshu	9988776655	NK2K25	RC	11-10	
23	PLUTOX 3.0	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	

Sl no	Team Name (shorter)	Member's Name	Phn No	Team Id	Competition	Entry No	Signature
24	Robo Warriors	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	RC	11-10	
25	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	RC	11-10	
26	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
27	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
28	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
29	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
30	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
31	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
32	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
33	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
34	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
35	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
36	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
37	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
38	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
39	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	
40	Robozone	Siddhant & Anshu Anshu & Anshu	9988776655 6321098765	NK2K25	DR	11-10	

Sl no	Team Name (shorter)	Member's Name	Phn No	Team Id	Competition	Entry No	Signature
41	Intara	Siddhant & Anshu	9988776655	NK2K25	RC	11-10	
42	Storm	Siddhant & Anshu	9988776655	NK2K25	DR	11-10	
43	Cloud Chaser	Siddhant & Anshu	9988776655	NK2K25	DR	11-10	
44	3 Brothers	Siddhant & Anshu	9988776655	NK2K25	DR	11-10	
45	Weight Brother	Siddhant & Anshu	9988776655	NK2K25	DR	11-10	
46	Fusion Flyer	Siddhant & Anshu	9988776655	NK2K25	DR	11-10	
47	Casual	Siddhant & Anshu	9988776655	NK2K25	DR	11-10	
48	Team Sun	Siddhant & Anshu	9988776655	NK2K25	DR	11-10	