



School of Engineering
Cochin University of
Science & Technology

Vibhava Innovation Summit

//

If you can imagine it, you can achieve it. If you can dream it, you can become it.

//

William Arthur Ward



About VIBHAVA CUSAT

The **Vibhava Innovation Summit 2025** is a premier **technical conclave** designed to showcase the **ingenuity, technical prowess, and innovative spirit** of students at the School of Engineering, CUSAT. As a **convergence of academia and industry**, the summit serves as a platform to highlight **cutting-edge student-led projects, pioneering research, and breakthrough technological advancements**.

Building upon the success of its inaugural edition, Vibhava 2025 aspires to strengthen **industry-academia partnerships**, fostering **collaborative opportunities, knowledge exchange, and professional growth**. The event will feature **interactive project displays, hands-on workshops, expert panel discussions, and networking sessions** all aimed at positioning students at the forefront of emerging technologies and industry trends.

Through this summit, we seek to **not only exhibit technical excellence** but also showcase the **skills, talents, and problem-solving capabilities** of our students to industry leaders, potential collaborators, and recruiters.

Events Highlights

Industry & Alumni Networking

Vibhava 2025 will facilitate **meaningful engagement** between students and **renowned industry professionals and accomplished alumni**. This segment will focus on:

- **Mentorship and career guidance** opportunities.
- Insights into **emerging industry trends and skill demands**.
- Potential pathways for **internships, research collaborations, and recruitment prospects**.

Panel Discussions

Thought-provoking discussions with **industry leaders, researchers, and distinguished alumni** on:

- The future of engineering and innovation.
- Technological disruptions and industry expectations.
- Bridging the gap between academia and industry-driven R&D.

Startup & Industry Engagement

Recognising the **entrepreneurial potential** of students, the summit will host **startups and tech firms** aligned with student innovation.

This includes:

- **CUSAT-affiliated startups**, presenting their ventures and success stories.
- **Industry partners**, such as MATLAB, Altair, and ANSYS, conduct technical sessions and showcasing advanced engineering tools.



Project Display

A showcase of **groundbreaking student-led projects** spanning multiple engineering disciplines. Key highlights include:

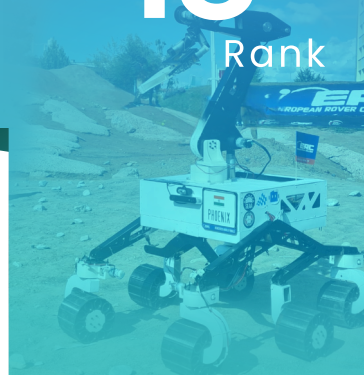
- **Formula Student, BAJA, and Mars Rover teams**, demonstrating expertise in automotive and aerospace engineering.
- **Collaborative projects** with **IBM, IEEE, and KMRL**, pushing the boundaries of research and real-world applications.
- Final-year innovations, presenting novel solutions to industry challenges.

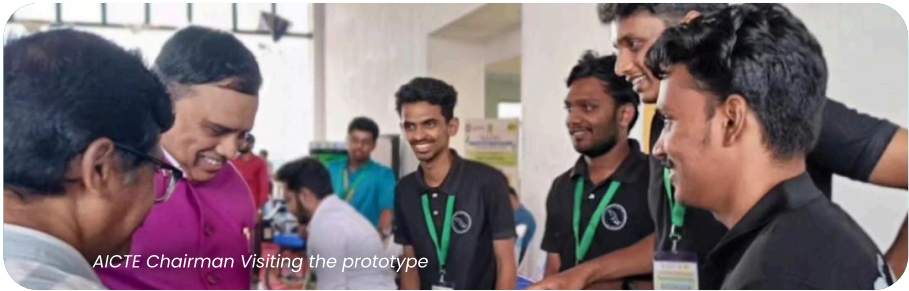
These exhibits will offer **insightful interactions**, allowing industry professionals, recruiters, and researchers to witness **firsthand the technical depth and problem-solving approach** of SOE students.

Workshops & Technical Sessions



The summit will feature **six intensive workshops**, led by experienced students and industry experts, providing **practical exposure** to emerging technologies, software tools, and advanced engineering methodologies. These





AICTE Chairman Visiting the prototype



Hermes team was **selected as one of the 4 finalists** in the AICTE BCDC competition, **out of 700+ design submissions** from across India.



Team Behemoth, Finalist at TIFAN India 2024 with our Agricultural Transplanter Machine. which received special recognition from John Deree. Additionally, we **achieved 1st place at the Ignite hackathon** organised by the Government of Kerala.



1

AIR

BCDC 2024



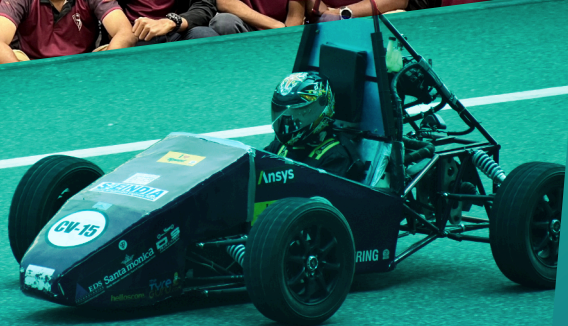
*Team Hermes CUSAT triumphed at the National Bicycle Design Challenge 2024, clinching **Overall AIR 1 and AIR 2 in Design**, a testament to their ingenuity and engineering prowess.*

Team Hermes CUSAT secured AIR 2 in Design and Overall AIR 6 at the National Bicycle Design Challenge 2023, showcasing exceptional innovation and technical excellence.



The Formula Student Team

YETI RACING from CUSAT achieved **All India Rank 1** at **Formula Bharat 2025**, held at Kari motor speedway. The team also secured an impressive **9th Rank** in the **SAE SUPRA 2024**, held at Buddh International Circuit.



All India Rank

1 hBaja 2024

Tarusa Motorsport, secured **All India Rank 1 (Overall)** at **hBAJA SAE India 2024** with our **CNG-powered ATV**, excelling in various other categories as well. We also got a chance to exhibit the ATV at **BHARAT MOBILITY Expo at Delhi**



AIR 1
Cost
Award

AIR 1
Safety
Award

AIR 1
Endurance
Award

AIR 1
Efficiency
Award

AIR 1
Overall
Dynamics

Cusat team bags 1st rank at motor event

Times News Network

Kochi: Team Tarusa Motorsport, representing the Cusat School of Engineering, won top honours in BAJA SAE (society of automotive engineers) India 2024 competition. The all-India inter-collegiate design competition, in which participants conceptualized, designed, built, tested, and validated a single-seater four-wheel all-terrain vehicle (ATV), was held at the premier engineering event, simulatively, in the world engineering projects and their participation in the event.

The team's faculty adviser Priyadarshi Dutt received the Dronacharya Award for outstanding guidance and leadership. The entire project, from design to analysis and manufacturing, was completed in a matter of weeks.

The team's efforts were led by Vinay and the team members.



The all-terrain vehicle designed by the Cusat team



Team Tarusa Motorsport at NATRAX automotive test track, Indore

Vibhava Innovation Summit

The Vibhava Innovation Summit 2025 is a dedicated technical forum, meticulously curated to elevate student talent and **foster high-impact industry-academia collaborations**. With a clear emphasis on **innovation, research, and skill development**, the event remains strictly technical in nature, ensuring an environment that celebrates **engineering excellence and forward-thinking solutions**.

By providing a stage for students to **demonstrate their capabilities, engage with industry leaders, and explore opportunities beyond academia**, Vibhava 2025 is not just a summit, it is a **launchpad for future engineers, innovators, and problem-solvers**.



Vibhava.cusat.co.in



www.instagram.com/vibhava.cusat



vibhava@cusat.ac.in



linkedin.com/company/vibhavacusat/

Contact

Romal Josbin
Convener

97781 18693

Drisya P
Head of Outreach

97464 88681