



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

Exhibiting Projects From SOE



Participated in the SAE Drone Design Challenge, demonstrating advanced design prowess and secured AIR 3 in Regular Class



ବେଳକାଳ ଏହିରୁଦ୍ଧ କିମ୍ବା ଅନୁଭବିତ ପରିଶ୍ରମରେ ଉଚ୍ଚ ପରିଣାମ ପାଇଲାମାତ୍ର କାହାରୁ କୁଟୁମ୍ବରେ ଉଚ୍ଚ ପରିଣାମ ପାଇଲାମାତ୍ର କାହାରୁ କୁଟୁମ୍ବରେ

കുസാദ് സ്കൂൾ ഓഫ്
എൻജിനീയറിംഗ് എയ്‌റോ
ഡിസൈൻ മസാച്ചത്തിൽ നേട്ട്.

The Mars Rover developed at CUSAT secured **18th rank worldwide and 2nd in India** at the European Rover Challenge Qualifications '24



ERC
World

18th
Rank





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



Hall No. 4, 1st Floor, A-10
Date : 1 - 3 February 2024
Venue : Bhai Lal Mandapam, Pragati Maidan,
New Delhi.

Tarusa Motorsport, School of Engineering, CUSAT

Cusat team bags 1st rank at motor event

TIMES NEWS NETWORK

Kochi: Team Tarusa Motor-sport, representing Kochi Cusat School of Engineering, won top honours in hBAJA SAE (society of automotive engineers) India 2024 competition, held at the international collegiate design competition, in which participants compete in various categories of built, tested, and validated a single-seater four-wheel all-terrain vehicle (ATV).

The team, which included students from various disciplines, worked hard in the pre-concept phase,

event held at the national level at the NATRAX automotive test track, Indore, from January 19 to 21.

Team member and advisor Priyadarshi Dutt received the Dronacharya Award for leadership. The entire project, from design to analysis, was completed by students led by Naveen Ahmed and Jyoti



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 **97781 18693**
Convener

Drisya P **97464 88681**
Head of Outreach