

Team AUV MIT-B Community Outreach and Interactions

The team actively participated in multiple outreach and technical interaction activities during the development of our vehicles over the last 1.5 years. These interactions helped the team gain practical exposure, receive expert feedback, build some great connections all the while helping other similar initiatives step into this field of underwater robotics.

1. IEEE RAS Competition – IEEE Robotics and Automation Society, Vidyashilp University

The team's first major outreach initiative was participation in the IEEE Robotics and Automation Society (RAS) competition conducted at Vidyashilp University. This event marked the first public showcase of the team's prototype before robotics enthusiasts, researchers, and technical experts, acting as a good test of our design thinking and approach to building functional robots. Competing against multiple teams, AUV MIT-B secured First Place, making it a significant milestone during the early stages of the project.

We also interacted with fellow students and companies present at this event discussing our challenges with building underwater bots and also discussed wider concepts around autonomous systems in general.



2. Technical Interaction at ARTPARK, IISc Bengaluru



The team was invited to ARTPARK (AI & Robotics Technology Park), a deep-tech innovation and incubation centre established by IISc Bengaluru. ARTPARK is one of India's leading ecosystems for AI, robotics, autonomous systems, and translational research.

As part of the interaction, the team showcased the project and engaged in technical discussions with researchers, innovators, and fellow robotics teams. The engagement helped establish a positive professional relationship with researchers and members of the ARTPARK community, creating opportunities for future collaboration and technical exchange.

3. Industry Interaction with Alstom

Another important outreach activity was the interaction conducted with representatives from Alstom, a global leader in smart and sustainable mobility solutions, during their campus visit. The team was invited by the college director to present the project before the company representatives and the placement committee. The presentation focused on the system architecture, subsystem integration, and the development methodology followed during the project.

The interaction provided valuable industry exposure and insights into professional engineering practices, large-scale system development, and real-world problem-solving approaches followed within the industry. The team also shared perspectives on how student-driven technical projects are developed through interdisciplinary collaboration, rapid prototyping, and hands-on implementation.

The team consistently helps out other such student projects on our campus working on building various machines like cube satellites, Autonomous cars, drones etc either with the strong technical knowledge we have built over the last 1.5 years or with spare components that may be of help to them.

Upcoming Events

The team has recently been shortlisted among a select few teams for participation in AeroCON 2026, scheduled to be held in Bengaluru. The event will provide an opportunity to showcase the project to researchers, industry professionals, and technology enthusiasts from across the country.

We vow to reach out to a wider community in the coming days and learn from them while also trying to help out in whatever way possible.