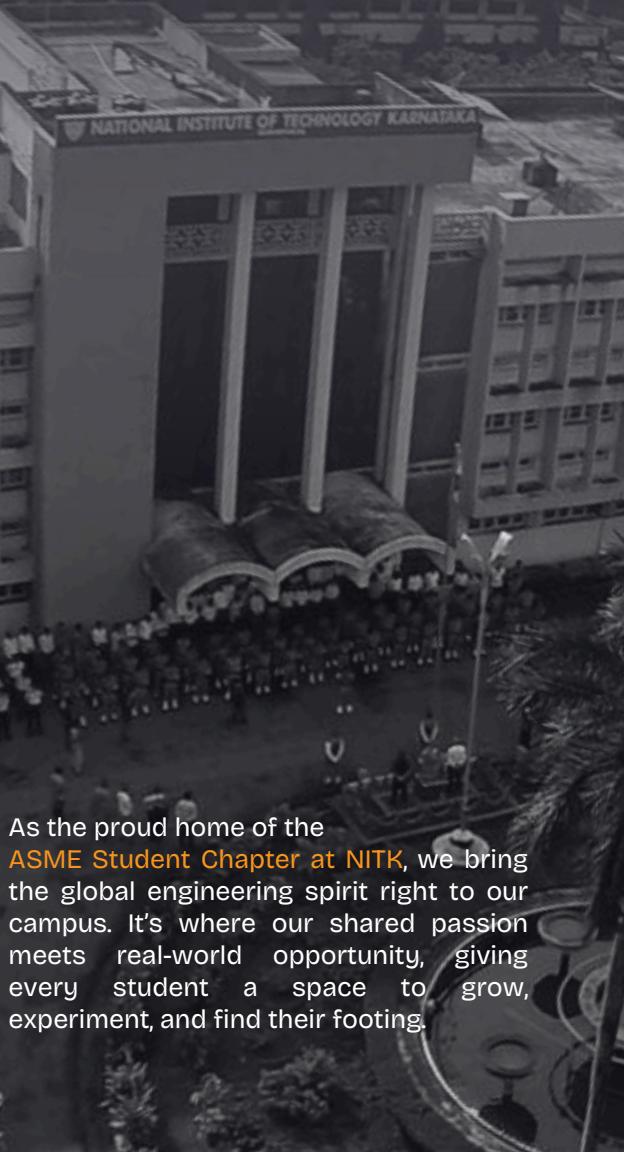




AMES IS THE ASME STUDENT CHAPTER OF NITK



As the proud home of the ASME Student Chapter at NITK, we bring the global engineering spirit right to our campus. It's where our shared passion meets real-world opportunity, giving every student a space to grow, experiment, and find their footing.

Who are we?

AMES is a dynamic platform by and for Mechanical Engineering students at NITK. We empower each other with hands-on learning, industry insights, and lifelong connections.

Our Vision

A collaborative ecosystem for students, alumni, and faculty to excel through shared knowledge and mutual support.

Our Mission

- Cultivate a culture of engineering excellence through shared knowledge and collaborative initiatives.
- Bridge the academia-industry gap via projects & mentorship
- Promote interdisciplinary research & social innovation

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in Association of Mechanical Engineering Students, NITK



AMES
ASSOCIATION OF MECHANICAL
ENGINEERING STUDENTS



**DEPARTMENT OF
MECHANICAL ENGINEERING,
NITK SURATHKAL**



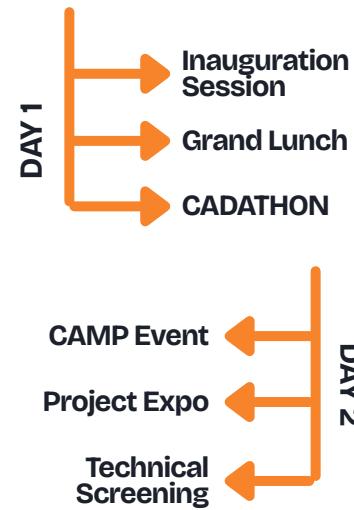
AMES Alumni Relations Cell (AARC)

- Connects students, alumni, and faculty of Mechanical Engineering at NITK.
- Enables mentorship, knowledge sharing, and collaboration.
- Helps students learn from alumni in industry, research, and startups.
- Allows alumni to stay involved and guide future engineers.
- Supports faculty in bridging academics and industry through joint initiatives.

AMES DAY

INAUGURATION EVENT PLAN

From 10:00 AM, 31-01-2026



AMES Day 2026 is designed as a perfect blend of technical rigor and community celebration. We are kicking off the year by challenging our engineers with the **Cadathon** and **Technical Screenings**, while simultaneously showcasing student innovation at the **Project Expo**. Interspersed with the official inauguration, cultural performances, and a **grand lunch**, this event promises to be a dynamic start to our journey of engineering excellence.

PROJECTS

In collaboration with **CSD NITK & Mangalore Fisheries** to solve real-world problems:

- **Smart Fish Counter:** AI-driven image processing for accurate, real-time tracking.
- **Variable Fish Sorter:** Adjustable mechanical mechanism for efficient multi-size sorting.
- **Automated Breeding:** Sensor-based system optimizing egg collection and water usage.
- **Campus Vehicle Tracker:** Smart camera network for license plate recognition and security.
- **Lake Evaporation Control:** Sustainable floating covers to minimize water loss.

