

TECHNOLOGY DAY

Tech Day on Mission Engineering & Embedded Systems with Ansys

 27 Feb 2026
02:00 PM - 05:30 PM

 Department of Aerospace Engineering (IISc)
Indian Institute of Science, Mathikere, Bengaluru, Karnataka 560012

The Aerospace Department at IISc Bengaluru, in collaboration with CADFEM India, is hosting a focused Tech Day on advanced mission engineering and embedded systems. The session will showcase how Ansys STK and Ansys SCADE empower aerospace engineers with end-to-end mission simulation, model-based design, and certification-ready workflows. Attendees will gain exposure to cutting-edge tools, real-world use cases, and industry best practices. Connect, converse, and collaborate during the closing high tea session.



REGISTER NOW

Highlights

- **Ansys STK Suite:** Multidomain mission modeling, UAV operations, and space mission simulation.
- **Ansys SCADE Suite:** Model-based design, DO-178C compliance, and certification-ready code generation.
- **Live Demos & Use Cases:** Explore practical workflows and industry applications.
- **Networking Opportunity:** Engage with CADFEM experts and peers from aerospace research.

Agenda

02:00 PM - 02:30 PM	● Registration & Networking
02:30 PM - 02:45 PM	● Opening Remarks Prof. Radhakant Padhi, Aerospace, IISc Prof. G. Jagadeesh, Dept Chair Aerospace, IISc Prof. Satyam Suwas, Dean Mechanical science, IISc Mr. Pawan Singh, Sr. Strategic Account Manager, CADFEM India
02:45 PM - 03:15 PM	● An Overview of Flight simulation Prof. Radhakant Padhi, Aerospace, IISc
03:15 PM - 04:00 PM	● Bridging Design and Mission: The Ansys-Synopsys Collaboration for Integrated Simulation Ecosystems Dr. Vignesh S M, Application Engineer, CADFEM India
04:00 PM - 04:15 PM	● Break
04:15 PM - 04:45 PM	● From Pre-Mission to Post-Mission: STK in Action Miss. Aishwarya Shivarajaiah, Technology Lead – Mission Engineering, CADFEM India
04:45 PM - 05:30 PM	● DO-178C-Compliant Design with SCADE Suite Mr. Narottam Kumar Singh, Technology Lead – Safety & Systems, CADFEM India
05:30 PM Onwards	● High Tea and Interaction

Notes

- Free Registration.
- Seats are limited to **100** participants.
- Registration is on a first-come, first-served basis.
- Last date to register: 20th Feb 2026

Who Should Attend

- Researchers
- Professors
- Startups