



DEPARTMENT OF AERONAUTICAL ENGINEERING

Event Report (AY2024-2025)

Name of the Event : Industrial Visit to Bangalore Aircraft Industries
Pvt Ltd, Bengaluru

Date & Time : 22/03/2025 & 05/04/2025

Place : Plot no.39 Aerospace park KIADB, B.Marenahalli,
Kavadedasarahalli, Karnataka 562129

No of the Student Participants : 60 Students + 4 faculty members

About the Event:

The Department of Aeronautical Engineering organized an Industrial Visit to Bangalore Aircraft Industries Pvt. Ltd. (BAIL) on 22nd March 2025 and 5th April 2025 at their facility located at Marenahalli, Kavadedasarahalli, Karnataka – 562129. A total of 60 students, accompanied by 4 faculty members, took part in this enriching industrial exposure program. First day the faculty members Dr Anand and Mr.Ganesh were coordinated and the second day Mr.Radhakrishnan and Mr.Albert were coordinated with the students. BAIL is a leading aircraft structural design and manufacturing company, focusing on the development and fabrication of aerospace structures and components. Unlike assembly-based facilities, BAIL specializes in end-to-end structural design, analysis, and precision manufacturing of aircraft parts and systems, making it an ideal site for students to witness the practical aspects of aerospace engineering.

During the visit, students were taken through various departments including design, fabrication, and quality inspection. They observed the use of advanced CAD/CAM tools, CNC machining, and composite material processing involved in the structural design and manufacturing workflow. The engineers at BAIL provided insights into the challenges of designing for strength, weight efficiency, and airworthiness compliance. Students appreciated the opportunity to connect theoretical knowledge with practical insights, enhancing their understanding of aerospace systems and manufacturing practices. The visit significantly enhanced the students' understanding of aircraft structures, materials, and real-world design practices. It bridged the gap between theoretical learning and industrial

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applications, inspiring many to pursue careers in aircraft structural engineering and manufacturing. The department thanks BAIL for hosting the visit and providing a valuable learning experience. The visit was both educational and inspiring, successfully fulfilling its objective of bridging classroom learning with industry exposure.

IV Visit Pictures



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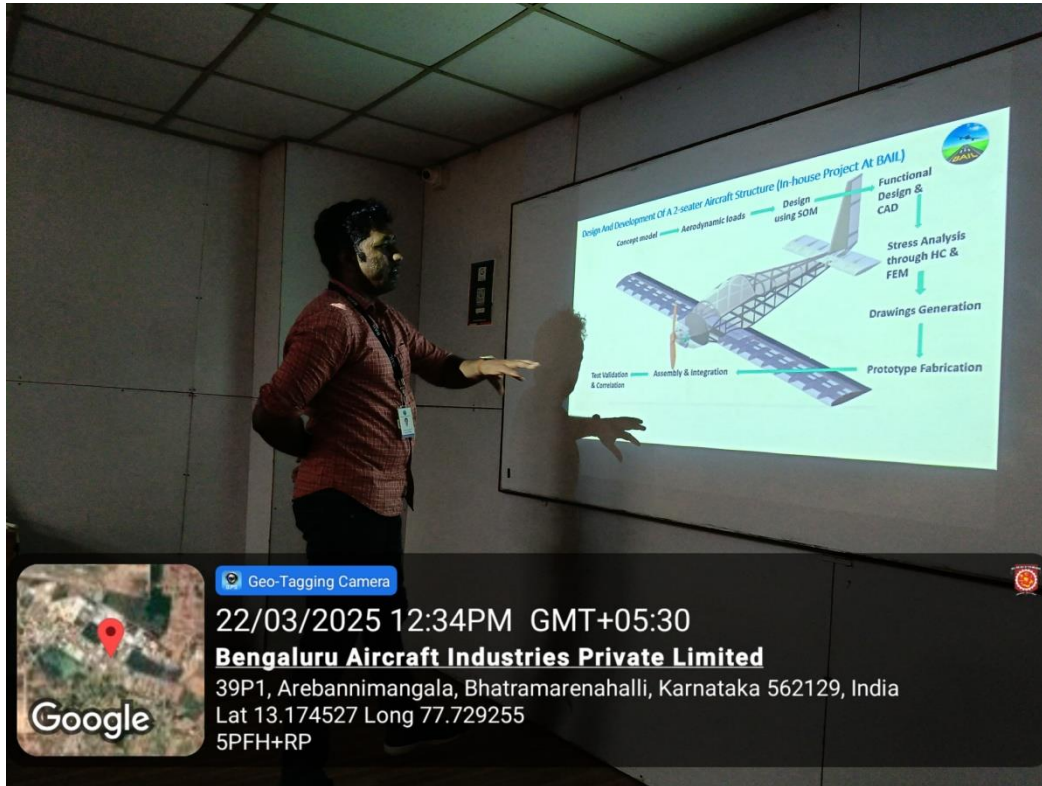
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