Department Activity

Visit to Moog India Technology Center (MITC)

Date of Visit: 16-05-2025

Location: Moog India Technology center (MITC), Electronic City, Bangalore

Participants: 4th Sem Students – Artificial intelligence & Robotics, Dayananda Sagar university

The industrial visit to Moog India Technology center (MITC) in Bangalore provided an insightful experience into advanced motion control technologies and their applications across various sectors. Moog India has evolved into a hub for designing and manufacturing precision motion control products, serving industries such as Aerospace, Defense, industrial machinery, and medical applications

Visit Highlights

1. **Facility Tour:** Students toured the Mechanical, Electrical as well as the Testing lab where they have given us an overview of how they test the parts, observing the integration of mechanical, electrical, and software systems in producing motion control products.

Technical Sessions: Engineers from Moog conducted sessions on: Design and functionality of servo valves and actuators.

We had a session on RPA, Robot process automation

How AI plays a key role in the control system

Interactive Q&A: Participants engaged with Moog professionals, discussing career opportunities, industry trends, and the company's role in supporting initiatives like "Make in India" through local manufacturing and R&D efforts.

1. Integration of Technologies: Understanding how mechanical, electrical, and software components converge in motion control systems.
2. Industry Applications: Insights into how Moog's products are utilized in critical sectors, including aerospace and defense.
3. Innovation and Sustainability: Exposure to Moog's commitment to innovation and sustainable practices in engineering solutions.

The visit to Moog India Technology Center offered a comprehensive view of advanced motion control technologies and their real-world applications. It provided students with valuable exposure to industry practices, fostering a deeper understanding of the engineering principles and innovations driving modern industries.

Coordinators-

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