



B.M.S. COLLEGE OF ENGINEERING, Bengaluru-19

Department of Medical Electronics Engineering

Industry Visit

to

HAL Heritage centre and Aerospace Museum



Date of Visit: 07 May 2025

Location: HAL Old Airport Road, Vimanapura, Bangalore, Karnataka

Organized By: Department of Medical Electronics Engineering, BMSCE

Participants: 50 students and 4 faculty members

1. Introduction

The HAL Heritage Centre and Aerospace Museum, established in 2001, is India's first aerospace museum. Managed by Hindustan Aeronautics Limited (HAL), the museum showcases the evolution of the Indian aviation industry and HAL's significant contributions over the decades. Located on Old Airport Road in Bangalore, the museum spans over 4 acres and offers a comprehensive insight into India's aerospace history.

2. Objectives of the Visit

- To understand the historical development of aviation in India.
 - To gain insights into HAL's role in the aerospace sector.
 - To observe real aircraft, engines, and related technologies.
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3. Overview of the Museum

Outdoor Exhibits

The outdoor area displays several decommissioned aircraft and helicopters, offering a tangible experience of India's aviation history. Notable exhibits include:

- **MIG-21**
 - **Kiran**
 - **Marut**
 - **Ajeet**
 - **Canberra**
 - **Lakshya** (Pilotless Target Aircraft)
 - **HT-2**
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4. Additional Facilities

- **Sustainability Park:** Features working models of renewable energy sources, including solar panels, biogas plants, and hybrid windmills, emphasizing the importance of sustainable practices.
- **Gardens:** The museum grounds include a rose garden, herbal garden, and orchidarium, providing a serene environment for visitors.
- **Children's Play Area:** A dedicated space for children to engage in recreational activities.
- **Library:** Houses a collection of books and resources related to aerospace and aviation.

- **Cafeteria:** Offers refreshments and snacks for visitors.
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5. Observations and Learnings

- The visit provided a comprehensive understanding of India's aviation history and HAL's pivotal role in its development.
 - Observing real aircraft and engines enhanced our appreciation for the technological advancements in the aerospace sector.
 - The Sustainability Park emphasized the integration of eco-friendly practices in technological advancements.
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7. Conclusion

The industry visit to the HAL Heritage Centre and Aerospace Museum was both educational and inspiring. It provided valuable insights into the evolution of aviation in India and the technological prowess of HAL. Such visits are instrumental in bridging the gap between theoretical knowledge and real-world applications, fostering a deeper understanding and appreciation of the aerospace industry.

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Signature of Coordinator

Signature of HOD