Industrial Visit Report
Sanjay Ghodawat University
(B.tech) Aeronautical Engineering 3rd Year Student Visit

Venue:
U R Rao Satellite Centre (URSC), Bengaluru

Organized By:
Sanjay Ghodawat University, Aeronautical Engineering Department

Participants:
3rd-Year B.Tech Aeronautical Engineering Students

Faculty Coordinators:
• Syed Habeeb (Boys)
• Poonam Shinde (Girls)

Date:
[20-Oct2024 to 22- Oct-2024]

Itinerary Details

Day 1:

- Visit to Visvesvaraya Industrial & Technological Museum (V Museum).

Day 2:
- Visit to U R Rao Satellite Centre (URSC)..

Day 3:
- Visit to HAL Heritage Centre & Aerospace Museum.

Purpose of the Visit

The visit aimed to provide students with practical exposure to the field of satellite technology and aerospace engineering. The U R Rao Satellite Centre is a premier hub of the Indian Space Research Organisation (ISRO) specializing in the design
and development of satellites. The trip included stops at technical and industrial museums to enhance understanding of aerospace history and innovation.

Activities Conducted

1. U R Rao Satellite Centre (URSC):
   - Overview of satellite manufacturing and testing processes.
   - Insights into the design, assembly, and launch of communication satellites.
   - Interaction with ISRO engineers and researchers.

2. Visvesvaraya Museum:
   - Demonstration of fundamental scientific principles.
   - Interactive exhibits on engineering and technology.

3. HAL Heritage Centre & Aerospace Museum:
   - Display of vintage and modern aircraft.
   - Presentation on India’s aviation milestones and technological advances.

Key Learnings

1. Aerospace Technology:
   - Deepened understanding of satellite systems and their applications.
   - Exposure to cutting-edge technology at URSC.

2. Team Management:
   - Student coordinators managed responsibilities such as discipline, expenses, and safety.

3. Cultural Awareness:
   - Gained knowledge of Bengaluru’s rich heritage and scientific advancements.

Acknowledgment

The students and faculty extend their gratitude to Sanjay Ghodawat University for organizing this enriching visit. Special thanks to ISRO's URSC team for their hospitality and detailed presentations.


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Kolhapur, Maharashtra


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