Industrial Visit Report

Sanjay Ghodawat University

(B.tech) Aeronautical Engineering 2nd & 3rd Year Student Visit

Venue:

Star Air Helicopter Hangar

Organized By:

Sanjay Ghodawat University, Aeronautical Engineering Department

Participants:

2nd and 3rd-Year B.Tech Aeronautical Engineering Students

Faculty Coordinators:

• Syed Habeeb (Boys)

• Poonam Shinde (Girls)

Date:

30-8-24

Itinerary Details

Day 1:

- Visit to the Star Air Helicopter Hangar.
- Observation of helicopter maintenance and operations.
- Interaction with aviation experts and engineers.

Purpose of the Visit

The visit aimed to provide students with hands-on exposure to helicopter maintenance, repair, and operational
facilities. It focused on understanding the intricacies of hangar operations, safety procedures, and aviation technology.

Activities Conducted

1. Facility Tour:
   - Overview of the hangar layout and organization.
   - Detailed explanation of helicopter maintenance bays and storage facilities.

2. Technical Demonstrations:
   - Insights into helicopter servicing processes, including engine checks and rotor blade maintenance.
   - Examination of avionics and communication systems installed in helicopters.

3. Safety and Compliance:
   - Demonstration of safety measures and protocols followed during maintenance and repairs.
   - Explanation of aviation regulatory compliance requirements.

4. Interactive Sessions:
   - Discussion with engineers on career opportunities in aviation maintenance.
   - Q&A session addressing queries about helicopter mechanics and operations.

Key Learnings

1. Aviation Maintenance:
   - Gained knowledge of helicopter systems and maintenance processes.
   - Learned about advanced avionics and safety protocols.
2. Team Coordination:
   - Improved understanding of operational workflow in an aviation hangar.
   - Observed teamwork and resource management among maintenance staff.
3. Career Insights:
   - Learned about career paths in aviation maintenance and engineering.
   - Insights into the challenges and opportunities in helicopter operations.

Acknowledgment

The students and faculty extend their gratitude to Star Air Helicopter Hangar for the opportunity to visit their state-of-the-art facility. The team appreciated the warm hospitality and valuable insights provided by the engineers and aviation professionals.


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