

Internship Completion Report Panthera Graphite

1. Introduction

An industrial internship was successfully organized at **Panthera Graphite, Kurkumbh MIDC**, for a total of **20 students from TY B.Tech Mechanical Class (10 Male and 10 Female)** in December 2025. The internship aimed to provide practical exposure to industrial operations, manufacturing processes, quality control practices, and workplace safety standards.

The program was conducted in two phases to ensure smooth execution and focused training.

2. Internship Duration

| Batch | Number of Students | Duration |
|-----------------|--------------------|------------------------------------|
| Male Students | 10 | 8th December – 16th December 2025 |
| Female Students | 10 | 17th December – 25th December 2025 |

Each batch completed a **7-day industrial training program** at the company's premises.

3. Objectives of the Internship

The major objectives of organizing this internship were:

1. To bridge the gap between theoretical knowledge and industrial practice.
2. To provide exposure to real-time manufacturing processes.
3. To develop understanding of industrial safety standards and protocols.
4. To enhance students' technical skills and professional behavior.
5. To familiarize students with production planning, quality inspection, and maintenance activities.



4. Training & Learning Outcomes

The internship training was conducted under the expert guidance of **Mr. Ismail G. Raut**, who mentored and trained the students throughout the program.

Students were introduced to:

- Overview of graphite manufacturing and processing.
- Raw material handling and storage techniques.
- Production line operations.
- Quality control and inspection methods.
- Industrial safety measures and PPE usage.
- Maintenance practices and troubleshooting basics.
- Workplace discipline and team coordination.

Through this training, students gained:

- Practical understanding of industrial workflow.
- Improved technical observation skills.
- Knowledge of safety compliance in manufacturing.
- Exposure to industry standards and professional ethics.

5. Coordination & Support

The internship was effectively coordinated by:

- **Mr. Suraj Kumbhar**
- **Mr. Deepak Bhosale**

They ensured:

- Proper scheduling of batches.
- Continuous communication with the company authorities.

- Student attendance and discipline monitoring.
- Smooth execution of training activities.

The management and technical team at Panthera Graphite extended full cooperation throughout the internship period.





6. Student Feedback

Students expressed that the internship:

- Helped them understand real industrial operations.
- Enhanced their confidence and practical knowledge.
- Provided valuable exposure to workplace culture.
- Motivated them to focus on skill development for future career opportunities.

7. Conclusion

The internship program conducted at **Panthera Graphite, Kurkumbh MIDC**, was highly beneficial and successfully completed in December 2025. The structured training provided meaningful industrial exposure and strengthened the students' technical foundation.

The institute sincerely appreciates the support and guidance provided by **Mr. Ismail G. Raut** and the management of Panthera Graphite for facilitating this valuable learning opportunity.