

Sakthi Polytechnic college, Sakthi Nagar

Department of Metallurgy

Academic Year 2023-2024

Industrial Visit Report

1. Field Visit to Queen India Engineering Services and NDT Institute, Bhavani

Date: 12-08-2023

Participants: 61 final year Metallurgy students along with faculty members Mr. P. Govindarasu and Mr. M. Senthil kumar

Overview:

The visit to Queen India Engineering Services and NDT Institute was organized to provide students with exposure to entrepreneurship and startups in the field of non-destructive testing (NDT). The students were introduced to various NDT techniques and the entrepreneurial journey of the institute's founders. The visit included a tour of the facilities, demonstrations of NDT equipment, and interactive sessions with the staff.

Key Learnings:

- Understanding the importance of NDT in various industries.
- Insights into the challenges and opportunities in starting an NDT business.
- Exposure to advanced NDT techniques and equipment.

2. Visit to AGNI Steels, Ingur

Date: 14-07-2023

Participants: 61 final year Metallurgy students along with faculty members Mr. P. Govindarasu and Mr. V. U. Madhan Mohan

Overview:

The visit to AGNI Steels provided students with an understanding of steel manufacturing processes. The students observed the production of steel from raw materials to finished products. They were given a detailed explanation of the various stages of steel production, including melting, casting, rolling, and finishing.

Key Learnings:

Industrial Visit Coordinator : Mr. J. Yuvaraja

- Detailed knowledge of steel manufacturing processes.
- Understanding the quality control measures in steel production.
- Insights into the operational aspects of a steel plant.

3. Visit to Sree Rengaraaj Ispat Industries Private Limited, Perundurai

Date: 14-07-2023

Participants: 29 second-year Metallurgy students along with faculty members Mr. M. Senthil Kumar and Mr. J. Yuvaraja

Overview:

The visit to Sree Rengaraaj Ispat Industries aimed to provide students with practical insights into the iron and steel industry. The students were taken on a tour of the plant, where they observed the production processes and interacted with the engineers and technicians.

Key Learnings:

- Understanding the production processes in the iron and steel industry.
- Exposure to the working environment of a steel plant.
- Insights into the roles and responsibilities of metallurgical engineers in the industry.

4. Visit to Vinayaga Electro Alloys, Perundurai

Date: 14-07-2023

Participants: 59 second-year Metallurgy students along with faculty member Mr. G. Chandran

Overview:

The visit to Vinayaga Electro Alloys provided students with an understanding of alloy production processes. The students observed the production of various alloys and were given detailed explanations of the processes involved. They also had the opportunity to interact with the plant's engineers and technicians.

Key Learnings:

- Detailed knowledge of alloy production processes.
- Understanding the applications of different alloys in various industries.

- Insights into the quality control measures in alloy production.

5. Visit to Vinayaga Electro Alloys Pvt Ltd, Perundurai

Date: 28-07-2023

Participants: 58 second-year Metallurgy students along with faculty members Mr. P. Govindarasu and Mr. J. Yuvaraja

Overview:

The second visit to Vinayaga Electro Alloys Pvt Ltd aimed to reinforce the students' understanding of alloy production processes. The students were given a comprehensive tour of the plant and observed the production of various alloys. They also participated in interactive sessions with the plant's engineers and technicians.

Key Learnings:

- Reinforcement of knowledge on alloy production processes.
- Understanding the operational aspects of an alloy production plant.
- Insights into the latest advancements in alloy production technology.

Conclusion:

These industrial visits provided the students with valuable practical insights into the metallurgical industry. The hands-on experience and interactions with industry professionals enhanced their understanding of the subject and prepared them for their future careers in metallurgy.

PHOTOS

