



SAKTHI POLYTECHNIC COLLEGE
SAKTHI NAGAR-638 315
Academic Year: 2023-2024



DEPARTMENT OF MECHANICAL ENGINEERING

Industrial Visit Report-Even Semester

1. AQUASUB Engineering UNIT-I, Thudiyalur, Coimbatore-641034.

Date of Visit: 02.02.2024, 16.02.2024 (II-A&B Number of Students-80)

The industrial visit to AQUASUB Engineering UNIT-I successfully met its objectives, providing students with valuable insights into the manufacturing process of submersible pumps and the engineering industry. The experience greatly enhanced their understanding of potential career opportunities.

Objectives:

Practical Exposure: To familiarize students with the design and manufacturing processes of submersible pumps.

Understanding Engineering Practices: To explore the technologies and techniques used in pump manufacturing.

Career Insights: To inform students about potential career opportunities in the engineering and manufacturing of submersible pump sectors.

2. Mettur Thermal Power Station, Mettur Dam-636 406

Date of Visit: 22.02.2024, 23.02.2024 (II-A&B Number of Students-80)

The industrial visit to Mettur Thermal Power Station (MTPS) provides students with a practical understanding of power generation, industrial operations, and environmental management. This visit aims to bridge theoretical knowledge with real-world applications in the energy sector.

Objectives:

Educational Exposure: To familiarize students with thermal power generation processes and technologies.

Industry Insight: To understand the operational challenges and innovations in the energy sector.

Career Awareness: To inspire students about career opportunities in energy and industrial fields.

3. Salem Steel Plant, Sarkar Kollapatty, Salem-636 013

Date of Visit: 16.02.2024 (III-B Number of Students-50)

The industrial visit to Salem Steel Plant (SSP) provides students with a hands-on experience of the steel manufacturing process and an understanding of the industry's operations. This visit aims to connect theoretical learning with practical applications in the field of metallurgy and engineering.

Objective of the Visit:

Educational Exposure: To enhance students' understanding of steel production processes and technologies.

Industry Insight: To explore operational challenges and innovations in the steel sector.

Career Awareness: To inform students about potential career paths in metallurgy and industrial engineering.

4. Lakshmi Machine Works Limited, Machine Tool Division, Arasur, Coimbatore-641 407

Date of Visit: 23.02.2024 (III-A Number of Students-40)

The industrial visit to Lakshmi Machine Works Limited (LMW), specifically the Machine Tool Division, offers students an insightful experience into advanced manufacturing and machine tool technology. This visit is designed to enhance students' understanding of industrial practices and the workings of a leading engineering company.

Objectives:

Educational Exposure: To familiarize students with machine tool manufacturing processes and technologies.

Industry Insight: To provide a real-world perspective on operational challenges and innovations in the machine tool sector.

Career Awareness: To highlight various career opportunities within manufacturing and engineering fields.

5. Tamilnadu Newsprint & Paper Limited, Kagithpuram-639 136

Date of Visit: 29.02.2024 (III-A, III-B Number of Students-90)

The industrial visit to Tamilnadu Newsprint & Paper Limited (TNPL) provides students with a comprehensive understanding of the paper manufacturing process and the operations of a major player in the paper industry. This visit is designed to bridge the gap between academic learning and industrial application.

Objectives:

Educational Exposure: To familiarize students with the entire paper production cycle, from raw material processing to finished product.

Industry Insight: To explore operational practices and sustainability initiatives in the paper manufacturing sector.

Career Awareness: To inform students about potential career opportunities in manufacturing, engineering, and environmental management.



SAKTHI POLYTECHNIC COLLEGE, Sakthinagar
DEPARTMENT OF MECHANICAL ENGINEERING



INDUSTRIAL VISIT 2023-2024

II YEAR / IV SEM [EVEN]

SL.No.	DATE	NAME OF THE INDUSTRY	SEM	SEC
1.	02.02.2024	AQUASUB Engineering UNIT-I, Thudiyalur, Coimbatore-641034.	IV	A
2.	23.02.2024	Mettur Thermal Power Station, Mettur Dam-636 406	IV	A
3.	16.02.2024	AQUASUB Engineering UNIT-I, Thudiyalur, Coimbatore-641034.	IV	B
4.	22.02.2024	Mettur Thermal Power Station, Mettur Dam-636 406	IV	B

III YEAR / VI SEM [EVEN]

SL.No.	DATE	NAME OF THE INDUSTRY	SEM	SEC
1.	16.02.2024	Salem Steel Plant, Sarkar Kollapatty, Maramanagalathupatti, Salem-636 013	VI	B
2.	23.02.2024	Lakshmi Machine Works Limited, Machine Tool Division, Arasur, Coimbatore-641 407	VI	A
3.	29.02.2024	Tamilnadu Newsprint & Paper Limited, Kagithpuram-639 136	VI	A
4.	29.02.2024	Tamilnadu Newsprint & Paper Limited, Kagithpuram-639 136	VI	B

INDUSTRIAL VISIT on 22.02.2024 at THERMAL POWER STATION

2nd Year Mechanical Students – SEC B



INDUSTRIAL VISIT on 23.02.2024 at THERMAL POWER STATION

2nd Year Mechanical Students – SEC A





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DEPARTMENT OF MECHANICAL ENGINEERING

Industrial Visit Report

1. S.K.S Accessories, SIDCO, Malumachampatti, Coimbatore-50

Date of Visit: 08.09.2023 (II-A, Number of Students-40)

The industrial visit to S.K.S Accessories successfully provided students with valuable insights into the accessories manufacturing process. The experience contributed to a greater understanding of potential career paths and the application of classroom knowledge in real-world settings.

Objectives:

Practical Exposure: To familiarize students with real-world applications of their academic knowledge.

Industry Insight: To enhance understanding of manufacturing and production in the accessories sector.

Networking: To create opportunities for students to interact with industry professionals.

2. Seshayee Paper and Boards Limited, Pallipalayam, Namakkal Dt.,

Date of Visit: 19.09.2023 (II-A, Number of Students-40)

The industrial visit to Seshayee Paper and Boards Limited was successful in achieving its objectives, providing students with valuable insights into the paper manufacturing industry and potential career opportunities. The experience enhanced their understanding of the practical applications of their studies.

Objectives:

Practical Exposure: To give students firsthand experience of the paper manufacturing process and industry operations.

Understanding Sustainability: To explore sustainable practices in the production of paper and boards.

Career Insights: To provide students with information on career opportunities in the paper and packaging industry.

3. Akshera Papers, Rajannagar po, Sathy TK, Erode Dt.,

Date of Visit: 08.07.2023 (II-B/III (A&B) Number of Students-130)

The industrial visit to Akshera Papers successfully met its objectives, providing students with valuable insights into the paper manufacturing process and the industry's sustainable practices. The experience significantly enriched their understanding of potential career opportunities.

Objectives:

Practical Exposure: To familiarize students with the complete process of paper manufacturing.

Understanding Sustainability: To explore sustainable practices employed in the production of paper.

Career Insights: To inform students about potential career opportunities in the paper and packaging sector.

4. Jayam Engineering and Tools, SIDCO Industrial Estate, Kurichi, Coimbatore-21

Date of Visit: 08.09.2023 (II-B, Number of Students-40)

The industrial visit to Jayam Engineering and Tools successfully achieved its objectives, providing students with valuable insights into the engineering and manufacturing of valve parts, gear blanks, copper contacts, electrical spares parts, transmission parts, motor and all forged components in steel alloys, aluminium, Copper and Brass . The experience enriched their understanding of potential career opportunities and the practical applications of their studies.

Objectives:

Practical Exposure: To familiarize students with the operations and processes in an engineering workshop.

Understanding Technology: To explore the technologies and machinery used in tool manufacturing.

Career Insights: To inform students about potential career opportunities in engineering and manufacturing.

5. AQUASUB Engineering UNIT-I, Thudiyalur, Coimbatore-641034.

Date of Visit: 14.09.2023 (III-A, Number of Students-40)

The industrial visit to AQUASUB Engineering UNIT-I successfully met its objectives, providing students with valuable insights into the manufacturing process of submersible pumps and the engineering industry. The experience greatly enhanced their understanding of potential career opportunities.

Objectives:

Practical Exposure: To familiarize students with the design and manufacturing processes of submersible pumps.

Understanding Engineering Practices: To explore the technologies and techniques used in pump manufacturing.

Career Insights: To inform students about potential career opportunities in the engineering and manufacturing of submersible pump sectors.

6. Vinayaka Electro Alloys (I) Pvt Ltd.,, Chennimalai Road, Ingur, perundurai, Erode Dt.,638 058.

Date of Visit: 14.08.2023 (III-B, Number of Students-50)

The industrial visit to Vinayaka Electro Alloys (I) Pvt Ltd. successfully achieved its objectives, providing students with valuable insights into the alloy manufacturing process and the metallurgy industry. The experience significantly enriched their understanding of potential career opportunities.

Objectives:

Practical Exposure: To familiarize students with the processes involved in the production of electro alloys.

Understanding Technology: To explore the technologies and machinery utilized in alloy manufacturing.

Career Insights: To inform students about potential career opportunities in the metallurgy and manufacturing sectors.



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DETAILS OF INDUSTRIAL VISIT - 2023-2024

II YEAR / III SEM [ODD]

S.No.	DATE	NAME OF THE INDUSTRY	SEC	No. of students
1.	08.09.2023	S.K.S Accessories, SIDCO, Malumachampatti, Coimbatore-50	A	40
2.	19.09.2023	Seshayee Paper and Boards Limited, Pallipalayam, Namakkal Dt.,	A	40
3.	08.07.2023	Akshera Papers, Rajannagar po, Sathy TK, Erode Dt.,	B	40
4.	08.09.2023	Jayam Engineering and Tools, SIDCO Industrial Estate, Kurichi, Coimbatore-21	B	40

III YEAR / V SEM [ODD]

S.No.	DATE	NAME OF THE INDUSTRY	SEC	No. of students
1.	08.07.2023	Akshera Papers, Rajannagar po, Sathy TK, Erode Dt.,	A	40
2.	14.09.2023	AQUASUB Engineering UNIT-I, Thudiyalur, Coimbatore-641034.	A	40
3.	08.07.2023	Akshera Papers, Rajannagar po, Sathy TK, Erode Dt.,	B	50
4.	14.08.2023	Vinayaka Electro Alloys (I) Pvt Ltd., Chennimalai Road, Ingur, perundurai, Erode Dt.,638 058.	B	50

INDUSTRIAL VISIT on 08.07.2023 at AKSHERA PAPERS

2nd Year & 3rd Year Mechanical Students





INDUSTRIAL VISIT on 14.08.2023 at VINAYAKA ELECTRO ALLOYS

3rd Year Mechanical Students

