



Report on Industrial Visit to SKANRAY TECHNOLOGIES LIMITED, Mysore, Karnataka

1. Introduction

An industrial visit was organized for APSIT college students to **SKANRAY TECHNOLOGIES LIMITED, Mysore, Karnataka**, on **05th January 2024**. The visit provided students with valuable exposure to medical device manufacturing, medical imaging systems, critical care equipment, and advanced healthcare technologies.

2. Objectives of the Visit

- To provide students with practical exposure to a professional industrial environment.
- To understand the functioning of a medical technology manufacturing organization.
- To familiarize students with various types of medical devices and healthcare equipment.
- To understand the principles and applications of medical imaging technology
- To observe manufacturing, assembly, testing, and quality-control practices.
- To understand the importance of precision, safety, and quality assurance in medical equipment manufacturing.
- To create awareness about technological innovations in the healthcare sector.
- To encourage students to relate their academic knowledge with real-world industrial applications.
- To develop professional awareness and industrial orientation among students.

3. About SKANRAY TECHNOLOGIES LIMITED

SKANRAY TECHNOLOGIES LIMITED is a healthcare technology organization involved in the development and manufacturing of medical equipment and healthcare solutions. The organization works in areas associated with **medical imaging, critical care, and healthcare technology**. Its products and technological solutions demonstrate the integration of engineering, electronics, instrumentation, software, manufacturing, and healthcare requirements.



The visit helped students appreciate how multidisciplinary engineering knowledge is utilized in the development of equipment intended for critical healthcare applications.

4. Activities Conducted

During the industrial visit, students were introduced to various aspects of the organization's operations. The interaction and demonstration sessions provided an overview of:

- **Medical Device Manufacturing**
Students were introduced to the general manufacturing and assembly processes involved in the production of medical equipment. They gained an understanding of the importance of precision, systematic assembly, inspection, and testing.
- **Medical Imaging Technology** The visit provided exposure to medical imaging systems and their applications in healthcare. Students learned how advanced engineering technologies are used to generate information that assists medical professionals in diagnosis and treatment.
- **Critical Care Equipment**
Students were introduced to equipment and technologies used in critical-care environments. The session highlighted the importance of reliability, accuracy, safety, and continuous performance in healthcare equipment.
- **Quality Control and Testing**
The students understood the significance of quality control and testing in medical-device manufacturing. Since medical equipment directly contributes to patient care, manufacturing processes require appropriate attention to reliability, accuracy, safety, and performance.
- **Healthcare Technology and Innovation**
The interaction with industry professionals helped students understand how engineering innovation contributes to the development of modern healthcare solutions. The visit demonstrated the importance of research, product development, technology integration, and quality assurance.

5. Key Learnings



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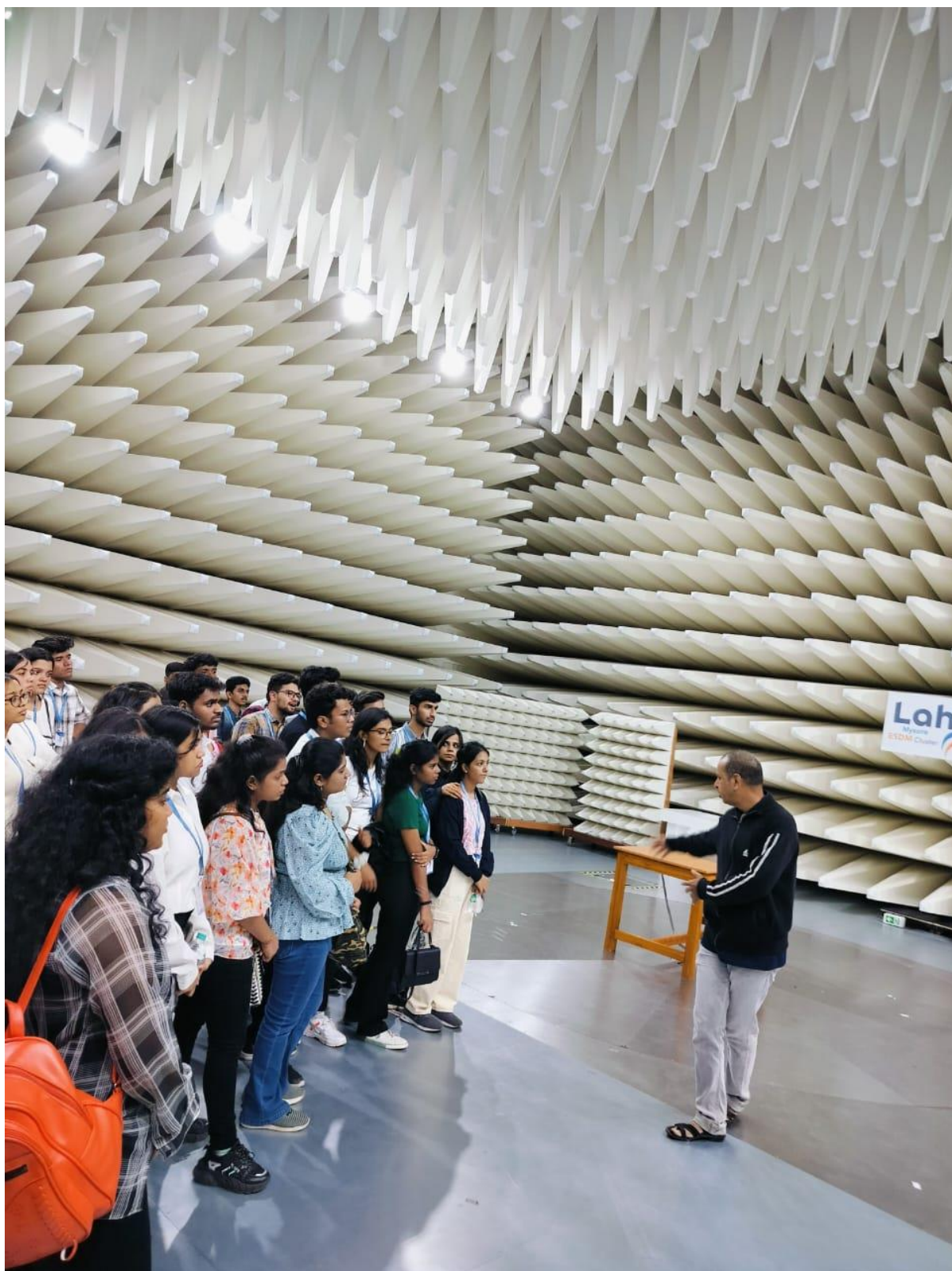
- Understanding the working environment of a technology-oriented industry.
- Awareness of modern medical equipment and healthcare technologies.
- Basic understanding of medical imaging systems and their applications.
- Understanding the importance of quality assurance in medical-device manufacturing.
- Exposure to manufacturing and assembly practices.
- Understanding the role of multidisciplinary engineering in healthcare technology.
- Awareness of industrial safety and precision requirements.
- Understanding the importance of research and innovation in product

Glimpses of Visit





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