



Report on Industrial Visit to Verka Dairy

1. Introduction

An industrial visit was organized for APSIT college students to **Verka Dairy, Amritsar** on **18 December 2025**, located at Verka Dairy, Near Verka Chowk, Batala Road, Verka 143501, Amritsar. The visit was planned to provide students with practical exposure to dairy processing industries and to help them understand large-scale food production, quality control, and plant operations.

2. Objectives of the Visit

- To understand the milk processing and dairy product manufacturing system.
- To gain knowledge about quality control and hygiene standards followed in the dairy industry.
- To study the use of machinery, automation, and utilities in dairy plants.
- To bridge the gap between theoretical knowledge and industrial practices.

3. About Verka Dairy

Verka Dairy is a well-known cooperative brand under **Punjab State Cooperative Milk Producers' Federation Ltd. (MILKFED)**. It plays a vital role in milk procurement, processing, and distribution across Punjab and neighbouring states. The Amritsar unit is one of the major plants involved in producing milk, butter, ghee, curd, paneer, and other dairy products while maintaining strict quality and safety standards.

4. Activities Conducted

a) Introduction and Orientation

The visit began with an introductory session where officials briefed students about:

- History and growth of Verka Dairy
- Milk collection network and supply chain
- Importance of cooperative dairy systems

b) Plant Visit and Technical Exposure

Students were guided through various sections of the plant, including:

- Milk reception and testing laboratory
- Pasteurization and homogenization units
- Processing units for curd, butter, ghee, and paneer
- Packaging and cold storage facilities



c) Quality Control and Safety Measures

The quality control team explained:

- Laboratory testing procedures
- Hygiene and sanitation practices
- Food safety standards and certifications
- Waste management and by-product utilization

5. Key Learnings

- Understanding of milk processing technology and plant workflow.
- Importance of quality assurance and food safety in dairy industries.
- Role of automation and mechanical systems in large-scale production.
- Awareness of sustainability and waste management practices.

6. Conclusion

The industrial visit to **Verka Dairy, Amritsar** on **18 December 2025** was a successful and enriching experience. It provided valuable insights into dairy industry operations, enhanced students' practical knowledge, and motivated them to explore interdisciplinary applications of engineering in food and processing industries.

7. Glimpses of Visit





Report on Industrial Visit to Khanna Industries Private Limited

Location: Khanna Industries Private Limited, Ludhiana, Punjab, India

Date: 18 December 2025

1. Introduction

An industrial visit was organized for engineering college students to **Khanna Industries Private Limited, Ludhiana** on **18 December 2025**. The objective of the visit was to provide students with firsthand exposure to industrial manufacturing practices, machinery, quality control systems, and modern engineering applications used in a large-scale production unit.

2. Objectives of the Visit

- To understand industrial manufacturing processes and workflow.
- To gain practical knowledge of machines, tools, and production planning.
- To study quality control and safety practices followed in the industry.
- To bridge the gap between theoretical concepts and real-time industrial operations.

3. About Khanna Industries Private Limited

Khanna Industries Private Limited is a reputed manufacturing company based in **Ludhiana, Punjab**, known for its contribution to industrial production and engineering solutions. The company specializes in precision manufacturing, use of advanced machinery, and adherence to quality standards to meet domestic and international market demands.

4. Activities Conducted

a) Introductory Session

The visit commenced with a briefing by company representatives covering:

- Company profile and product range
- Manufacturing capabilities and market presence
- Role of engineering in industrial growth

b) Plant Visit and Technical Exposure



Students were taken through different sections of the manufacturing plant, where they observed:

- Raw material handling and processing
- Operation of CNC machines, fabrication units, and assembly lines
- Use of automation and modern manufacturing techniques

Maintenance practices and energy management

c) **Quality Control and Safety Measures**

The quality assurance team explained:

- Inspection procedures and testing methods
- Importance of dimensional accuracy and standards
- Workplace safety rules and use of personal protective equipment (PPE)

5. Conclusion

The industrial visit to **Khanna Industries Private Limited, Ludhiana** on **18 December 2025** was a valuable learning experience. It enhanced students' technical knowledge, strengthened their understanding of industrial practices, and successfully met the educational objectives of the visit.

6. Glimpses of Visit



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