



ISLAMIC UNIVERSITY OF SCIENCE & TECHNOLOGY AWANTIPORA, KASHMIR

DEPARTMENT OF FOOD TECHNOLOGY

A report on the Industrial Visit to JKMPCL (Snow Cap) Dairy Plant

The students of **B. Tech 4th Semester** were on an industrial visit to IE Lassipora on **8th September 2023** to explore the foremost Dairy Processing Plant of Kashmir. The visit was organized by the department of Food Technology under the aegis of Industrial Connect, IUST. The primary objective of this visit was to gain insights into the diverse processes and technologies involved in dairy processing and to understand the significance of this sector. The visit was coordinated by Dr. Owais Yousuf, Departmental Coordinator, Industrial Connect. A total of 45 students were the part of this visit which were accompanied by the Dr. Jasia Nissar, Ms. Neelofar, and Mr. Fayaz Ahmad from the department of Food Technology.

At Snowcap, after the formal Introduction from the Marketing Executive, students were given an overview about the Snow- cap dairy items. A detailed presentation was given about the supply chain that how the fresh milk is sourced from the farmers, where they are checked for all parameters of basic quality and further they go for specification and chilling process. Milk is then supplied to the Dairy unit through insulated milk Tankers under chilled condition in order to maintain the freshness. Then further it goes for strict quality check and adulteration.

Furthermore, the students were shown the manufacturing unit where all the processing takes place. Students were taken through the production facility including the quality check of milk samples in the quality control department, pasteurization process and the packaging and storage, until the products are sent out for delivery. Students very actively walked through the plant with the officials who explained the whole process of manufacturing and packaging of milk and other milk products. Students were taken through the wide range of products which are manufactured in the plant, including milk, curd, ghee and paneer. Students felt a sense of pride to learn about the indigenous, local brand which is working with international standards.

The plant in general emphasized strict quality control measures to ensure the safety and consistency of its products. This included regular testing, inspections, and adherence to industry standards. Automation played a significant role in increasing efficiency and reducing labour costs. Conveyor belts, robotic arms, and computerized systems were prevalent. This visit provided valuable insights into complexities and innovations in this sector. The experience allowed us to understand the importance of dairy sector with a diverse range of food products. This visit has expanded students' knowledge and awareness of the dairy processing industry.

I would like to extend gratitude to the Department of Food Technology and the Industrial Connect, IUST for facilitating this visit.

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