

Industrial Visit at Dairy Unit of Sharda Industry, Kharora, Raipur

On **November 5, 2024**, the B. Tech 5th Semester students of the **Department of Biotechnology, NIT Raipur**, undertook an industrial visit to the **Dairy Unit of Sharda Industry, Kharora, Raipur**. The visit was organized under the program of IICC activity of NIT Raipur, arranged by **Dr. D. N. Roy**, Co-ordinator of IICC.

The visit aimed to provide students with practical insights into dairy processing operations and the production of high-quality dairy products under the **'Vachan'** brand name. Students observed the key stages of the dairy processing pipeline, including raw milk collection, pasteurization, homogenization, packaging, and quality control protocols. Detailed explanations of the technologies and equipment used in production were provided by the facility's technical team.

Additionally, students learned about the management strategies for maintaining hygiene and ensuring compliance with food safety standards, as well as the innovative approaches employed by Vachan to enhance product shelf life and flavor profiles. The visit allowed students to connect theoretical concepts from their curriculum with real-world applications in the dairy and food processing industry.

This enriching experience underscored the importance of food biotechnology in industrial processes and offered valuable insights into the operational challenges and advancements in the dairy sector, fostering practical learning and industrial exposure.

