



Gyanmanjari Innovative University

Department of Computer Engineering

Visit Report

08/08/2024

At

Amul Dairy Anand



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ACKNOWLEDGEMENT

We are deeply indebted to the principal **Dr. H. M. Nimbark Sir**, without whose guidance and corporation tour would not been possible.

Our sincere gratitude to **Head of Department Prof. Prashant J. Viradiya Sir** for giving us permission to go for such an Industrial visit.

We also express our sincere gratitude to **Prof. Tanvi D. Oza and Prof. Akshay R. Kanojiya**, who has taken a lot of efforts for getting success at each and every step and coming along with us.

We will like to thank **Prof. Prashant J. Viradiya** and our college for being supportive all the time and giving such a good opportunity to see and interact with the corporate world in college life itself.

INFORMATION

On 08th August, 2024, the Diploma Computer Engineering 3rd semester students got the chance to tour the famous Amul Dairy in Anand, Gujarat. This educational trip was organized to provide students with insights into the operations of one of India's largest and most successful dairy cooperatives.

Amul Dairy, established in 1946 in Anand, Gujarat, is a flagship cooperative society of the Gujarat Cooperative Milk Marketing Federation (GCMMF). It is a key player in India's White Revolution, transforming the country from a milk-deficient nation to the world's largest milk producer. The dairy cooperative is renowned for its high standards of milk processing, from pasteurization and homogenization to packaging, ensuring that quality and hygiene are maintained at every stage. Amul's extensive product range, including milk, butter, cheese, yogurt, and ice cream, showcases its commitment to innovation and excellence in dairy production.



PURPOSE OF VISIT

The visit was designed to bridge the gap between theoretical knowledge and practical application, fostering a holistic educational experience that prepares students for their future careers.

Educational Perspective:

Giving students a thorough understanding of the dairy sector, including product creation, quality assurance, and milk processing. Their theoretical understanding is enhanced by their comprehension of the real-world components of dairy farming.

Industrial Exposure:

To familiarize students with industry processes and operations in the real world. Seeing how a large-scale dairy cooperative operates on a daily basis enables students to connect their classroom learning to real-world applications in the business.

Integration of Technology:

To demonstrate how technology is incorporated into dairy operations. During the visit, they learned how advanced software and automated systems are used to manage production, inventory, logistics, and quality control. This gave them important new perspectives on how their computer engineering expertise may be used in the food processing and agriculture industries.

What we Learn?

We learned about the importance of maintaining high hygiene standards and the innovative use of technology in managing dairy operations. The experience highlighted the successful cooperative model of Amul, showcasing the empowerment of local farmers and efficient supply chain management. Additionally, the trip provided us with a deeper understanding of how our computer engineering skills can be applied in real-world industrial settings, particularly within food processing sectors.





Personal Experience of Students

The visit to Amul Dairy was an eye-opening experience for many of us. Seeing the advanced technology in action and understanding the meticulous processes involved in dairy production was truly enlightening. We were particularly impressed by the cooperative model and the community impact of Amul. This visit not only broadened our knowledge but also inspired us to think about how we can apply our skills in the dairy and food processing industries. This visit would not have successfully coordinated by our student coordinators **Mitaliya Chintan** and **Maru Chintan** and the most important we would not have enjoyed and gone without our faculty coordinators **Prof. Tanvi D.Oza** and **Prof. Akshay R. Kanojiya**.

Conclusion

The visit to Amul Dairy was a highly educational and inspiring experience. It provided us with a practical understanding of the dairy industry and demonstrated the significant role of technology and innovation in food processing. This trip has enriched our academic journey and motivated us to explore career opportunities in this dynamic sector.

THANK YOU