

Industrial Visit Report

Academic Year	: 2025-2026
Department Name	: Biological Sciences, School of Science
Title	: Industrial and Educational Visit
Event Date	: 15.09.2025 to 17.09.2025
Duration	: 3 Days.
Mode of conduction	: Offline
Level of Program	: Department Level
Event Coordinator	: Dr. Kiran Thakur, SOS, SUN.
Number of participants attended	: 44

Outline, Objective and Outcome of the Industrial Visit:

The Department of Biological Sciences, SOS, SUN organized a three-day industrial and educational visit to Gujarat for the students of B.Sc. Microbiology (Second Year & Third Year) and M.Sc. Microbiology (Second Year) from **15th September to 17th September 2025**. The visit was designed to expose students to agricultural advancements, industrial processes, Indian Knowledge Systems (IKS), environmental awareness, and National heritage, aligning with the objectives of the New Education Policy (NEP 2020).

Day-wise Objectives Day 1: Anand Agriculture University and Amul Dairy Industry (15.09.2025)

- To understand the role of agricultural universities in promoting sustainable farming and agri-biotechnology research.
- To gain insights into modern agricultural practices, crop improvement techniques, and allied research facilities.
- To study large-scale dairy processing, quality control, and microbiological aspects of milk and milk product production at Amul, one of India's largest dairy cooperatives.
- To link classroom knowledge of food microbiology and industrial microbiology with real-world applications.

Day 2: Neelkanth Dham – A Spiritual Visit under IKS Curriculum and Statue of Unity, Jungle Safari (16.09.2025)

- To explore Indian Knowledge Systems (IKS) as part of the NEP 2020 curriculum, emphasizing the integration of cultural, spiritual, and scientific heritage.
- To experience holistic learning by understanding the significance of spirituality, traditions, and their relevance in modern education.

- To reflect on the interdisciplinary approach of science and spirituality in shaping values, ethics, and sustainable living practices.
- **The Statue of Unity** To explore the world's tallest statue dedicated to Sardar Vallabhbhai Patel, the "Iron Man of India," fostering a sense of nationality, unity, and leadership values among students.
- To understand the historical, cultural, and political significance of national integration.
- **Jungle Safari** to observe the diversity of flora and fauna, understand the importance of biodiversity conservation, and appreciate the role of eco-tourism in sustainable development.
- To relate ecological knowledge with real-time wildlife habitats and ecosystems

Day 3: Saputara (17.09.2025)

- To encourage environmental awareness by observing the biodiversity and ecological richness of the region.
- To provide students with a refreshing cultural and natural experience that complements academic learning and promotes team building.

Conclusion

The three-day visit provided students with a unique blend of **academic learning, industrial exposure, spiritual exploration, national pride, and environmental awareness**. From understanding advanced agricultural and industrial practices to experiencing Indian Knowledge Systems, appreciating biodiversity, and visiting the Statue of Unity, the program successfully met its multidisciplinary objectives. The visit enriched students' knowledge, values, and experiences, contributing to their holistic development as envisioned under NEP 2020.

Visit photos



Departure from Nashik for 3 Days Industrial and Educational Visit to Gujarat



Students and Staff at Dairy Technology and Microbiology Department, Anand Agriculture University, Gujarat.



Students and Staff at Amul Industry, Gujarat





Students at Educational Visit at Statue of Unity, Gujarat.

K. Bhakur

Departmental Event Coordinator

Chiranjiv

Associate Dean(SoS)