*Rayat Shikshan Sanstha's,*
**Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College** Manchar, Tal. Ambegaon, Dist. Pune, Maharashtra, INDIA – 410503

**Field Visit – Katraj Milk Chilling Center, Awasari (Bk)**

**organized by**
**Department of Political Science**

# REPORT

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| **Title** | : | **Field Visit- Katraj Milk Chilling Center, Awasari (Bk), Tal. Ambegaon, Dist. Pune.** |
| **Organizer** | : | **Department of Political Science** |
| **Date** | : | **20/02/2026** |

## INTRODUCTION

Katraj Dairy is a prominent cooperative milk union in Maharashtra. The Awasari Chilling Center serves as a vital rural hub for collecting raw milk from local farmers and village-level societies. The primary function of this facility is to chill the collected milk immediately to maintain its quality and prevent spoilage before it is transported to the main processing plant in Pune.

## OBJECTIVES

1. To understand the Milk Procurement process from rural dairy farmers.
2. To study the Quality Control measures and testing methods used for raw milk.
3. To observe the technical working of Milk Chilling Units and refrigeration systems.
4. To learn about the Cold Chain Logistics involved in the dairy industry.

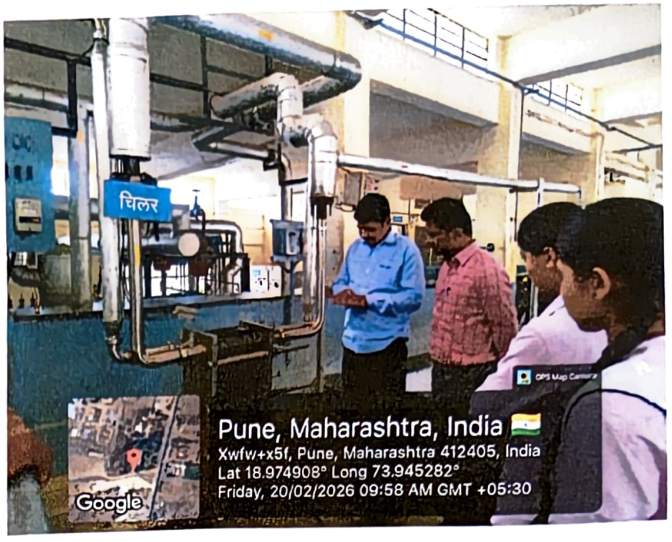
## lecture on Milk Chilling process & implementation






## Milk Chilling process & implementation by Navnath Nighot






**Student watching the actual proceeding in Katraj Milk Chilling Center**

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## Students Participation for field visit : 14 students







**Outcomes / Observations (Activities)**

Milk Reception & Testing: We observed the arrival of milk cans. Each batch undergoes rigorous testing for Fat and SNF (Solid-Not-Fat) content. We saw how lactometers and electronic milk testers ensure there is no adulteration.Chilling Technology: We studied the Bulk Milk Coolers (BMCs). The raw milk, which arrives at room temperature, is rapidly cooled to using a plate heat exchanger system.Storage & Hygiene: The center maintains high standards of cleanliness. We observed the Cleaning-In-Place (CIP) process, where tanks and pipelines are sanitized using hot water and chemicals to prevent bacterial growth.Logistics: We learned how the chilled milk is loaded into Insulated Tankers, which maintain the low temperature during the long journey to the central processing unit in Katraj, Pune.

**Conclusion**

The visit to the Awasari Chilling Center provided practical insights into the "First Mile" of the dairy supply chain. It demonstrated how cooperative management and modern refrigeration technology work together to support the rural economy. We concluded that efficient chilling at the source is the most critical step in delivering fresh and safe milk to urban consumers.

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## DEPARTMENT OF POLITICAL SCIENCE

2025-26

**Filed Visit Katraj Milk Chilling Center, Awasari (Bk) (SYBA)**

**Date : 20/02/2026**

| Sr No. | Class | Student Name | Snig |
|---|---|---|---|
| 1 | SYBA | LANGHI MAYA KISAN | |
| 2 | SYBA | SUKRE KOMAL ROHIDAS | |
| 3 | SYBA | KARVANDE ANJALI RAJENDRA | A.R. Karvande |
| 4 | SYBA | THORAT PAYAL PANDURANG | Thorat |
| 5 | SYBA | DAROGA UDAYLAL KISHAN | U.K. Daroga |
| 6 | SYBA | SUPE PRATHMESH RAMDAS | |
| 7 | SYBA | HINGE GAURAV BABAJI | G.B. Hinge |
| 8 | SYBA | JOSHI RASIKA SANDIP | Joshi |
| 9 | SYBA | MARADE KSHITIJA DILIP | |
| 10 | SYBA | KAROTE SANKET SHANTARAM | |
| 11 | SYBA | PINGALE MANISHA GORAKSH | M.G. Pingle |
| 12 | SYBA | KARGAL GANESH MARUTI | Ganesh |
| 13 | SYBA | KAROTE ADINATH DHAVALA | |
| 14 | SYBA | KAMTHE VAISHNAVI MOHAN | Vaishnavi |

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