



Uka Tarsadia University

Maliba Pharmacy College

Report on Industrial Visit to Anchrom Enterprises Pvt. Ltd.

Date of visit	14 March 2026, Saturday
Place of visit	Anchrom Enterprises Pvt. Ltd., Shree Aniket Apartments, A-101, Navghar Rd, Mulund East, Mumbai, Maharashtra 400081
Coordinator from college	Mrs. Aneri Acharya
Approval by	Dr. Ashish D Mishra, Principal
Participating students	24 students of M.Pharm 4th semester
Accompanying faculty member	Mrs. Aneri Acharya
Coordinators from industries	Mr. Ritvik Singh and team

**Objective of the Visit:**

The objective of the industrial visit to Anchrom Enterprises Private Limited was to gain practical knowledge about advanced analytical techniques used in pharmaceutical analysis. The visit helped students understand the working principle and applications of the CAMAG HPTLC system used for qualitative and quantitative analysis of drugs. It also aimed to bridge the gap between theoretical learning and real laboratory practices by observing modern instrumentation and interacting with industry experts.

Program Outline:

The visit began with a warm welcome from the representatives of Anchrom Enterprises Pvt. Ltd. The company specializes in the advanced analytical instrumentation and chromatography solutions for scientific laboratories. The company mainly focuses on techniques such as High Performance Thin Layer Chromatography (HPTLC), application training, and research support for pharmaceutical, food, herbal, and chemical analysis. It is also known for supplying and supporting instruments like the SmartChem Discrete Analyzer and SpectraStar NIR Analyzer used for quality testing and laboratory analysis.. Students learned about the essential equipments.

Equipment Observed

1. HPTLC System (CAMAG)

Use: Used for separation, identification, and quantitative analysis of chemical compounds in pharmaceuticals, herbal drugs, and food samples.

Working: Sample is applied on a TLC plate, developed in solvent, and analyzed using a scanner.

2. SmartChem Discrete Analyzer (KPM AMS Alliance)

Use: Automated analyzer used for chemical analysis of multiple samples.

Application: Used in food, agriculture, and environmental laboratories for parameters like nutrients and chemical components.

3. FUTURA Continuous Flow Analyzer

Use: Instrument used for continuous chemical analysis of samples. Application: Commonly used in water, soil, and food testing laboratories.

4. iCinac Acidification Analyzer

Use: Measures acidification activity in samples.

Application: Mainly used in dairy industry to study fermentation and acid production in milk products.

5. SpectraStar NIR Analyzer

Use: Used for rapid, non-destructive analysis of composition.

Application: Determines moisture, protein, fat, and other components in food and agricultural products.

6. Mixolab (Chopin Technologies)

Use: Measures dough mixing and heating properties.

Application: Used in flour and wheat quality testing.

7. SDmatic

Use: Determines starch damage in flour.

Application: Important for baking quality

analysis.

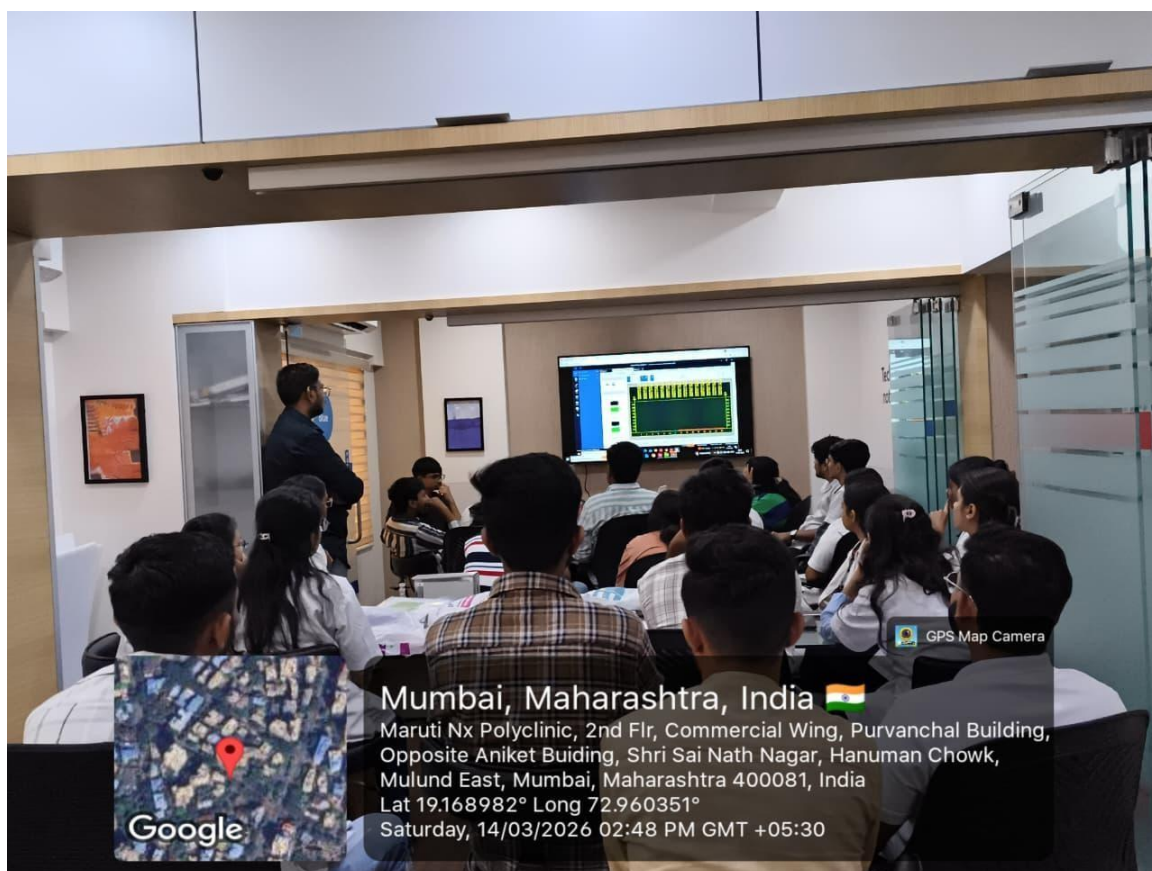
Learning Outcomes: Students gained practical knowledge of the following:

1. Working principle and operation of the High Performance Thin Layer Chromatography (HPTLC) system used for qualitative and quantitative analysis.
2. Sample preparation, plate development, and interpretation of chromatographic results.
3. Application and working of the SmartChem Discrete Analyzer used for automated chemical analysis of samples.
4. Use of the SpectraStar NIR Analyzer for rapid and non-destructive analysis of materials.
5. Importance of advanced analytical instruments in pharmaceutical quality control and research laboratories.

Some of the glimpse from the visit :



Group photos of students at anchrom enterprise Pvt. Ltd. while giving token of thanks to Mr. Ritvik Singh



Group photo at Seminar room of Anchrom Enterprises Pvt. Ltd. giving demonstration on HPTLC.

Acknowledgments

We would like to express our sincere gratitude to Dr. Pintu Prajapati for granting us permission and providing guidance for this industrial visit. We are also highly thankful to Ritvik Singh from Anchrom Enterprises (I) Private Limited for conducting the training session and sharing valuable knowledge about analytical instruments and laboratory practices. Their support and guidance made this visit informative and beneficial for all the students.

Conclusion: The industrial visit to Anchrom Enterprises Private Limited was highly informative and provided valuable exposure to advanced analytical techniques used in the pharmaceutical and research industries. The visit helped students gain practical understanding of modern instruments, particularly HPTLC systems, and their applications in quality control and analysis. Overall, the well-equipped laboratory facilities and interaction with experienced professionals enhanced our knowledge and helped bridge the gap between theoretical learning and practical industrial practices

Prepared by: M.Pharm PQA Batch 2024-2026

Verified by: Dr. Pintu Prajapati