

ANCHROM
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# PCET'S PIMPRI CHINCHWAD UNIVERSITY SCHOOL OF PHARMACY

# FACULTY TRAINING PROGRAM & INDUSTRIAL VISIT AT DAY ANCHROM ENTERPRISES

Topic: HPTLC (High Performance Thin Layer Chromatography)

2<sup>nd</sup>
SATUR
DAY

AUGUST 2025 10 AM TO 5 PM

- Venue -

Anchrom Enterprises, Pvt. Ltd. Mulund East

- Coordinator -

Ms. Deeksha Chaskar

Faculty Coordinator, PCU

Dr. Rajesh R. Patil Dean, HoS, SOP, PCU

www.PCU.edu.in

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Deeksha Bhandari <deeksha.bhandari@pcu.edu.in>

### Request for One-Day Training Program for Faculty and Students

Anchrom Laboratory <ab@anchrom.in>

Thu, Jul 10, 2025 at 4:12 PM

To. Deeksha Bhandari <deeksha.bhandari@pcu.edu.in>

Cc: Akshay Charegaonkar Anchrom <akshay.charegaonkar@anchrom.in>, Manjusha Phanse <manjusha.phanse@anchrom.in>, Jeevan Khuspe <jeevan.khuspe@anchrom.in>, Anchrom Ramesh <ramesh.naidu@anchrom.in>

Dear Madam

Greetings from Anchrom Enterprises (I) Private Limited!

As per the trailing email and our telephonic discussion, we would like to confirm the date of the training program as 2nd of August 2025.

Please find the training program details are as follows:

- 1. Eligibility: Minimum Post Graduate students.
- Time & duration: 1000hrs to 1530hrs
   Topic: HPTLC and its Applications
- 4. Schedule: 1000-1015: Assembly and Registration

1015-1100: Presentation on Concept of HPTLC and Applications

1100 -1110. Tea Break/ Breakfast (arranged by us)

1110 - 1215: Presentation on Concept of HPTLC and Applications

1215-1245: Lab tour & linkroduction to all the advanced technologies in the Lab (KPM AMS Alliance SmartChem-Discrete Analyzer, FUTURA - Continuous Flow Analyzer, Unity Scientific NIR)

1245-1400: Lunch Break (arranged by us)

1400-1500: HPTLC Demo in Lab (Application, Development, Visualization, Scanning and Derivatization step, data interpretation and calculation concept

learning)

1500-1520: Questionnaire

1520-1530: Photo session & Certificate distribution at end of training session.

5. HPTLC information folder with pen and paper for documenting points of interest will be given. Contents of information folder: USP chapter 202,203, 621, 1064 and 2251.

Along with this, you will also get HPTLC user guide, Illustrated example of HPTLC types of testing.

### Please Note:

- \* Once scheduled the dates cannot be changed due to our tight schedule.
- You are expected to check the accuracy and spelling of your name in the Certificate before leaving the Anchrom premises.
- " If a certificate is lost, charges for reprint of the certificate will be Rs.1000.
- \* No sample analysis request can be accommodated during this session.
- \* Dress code: Formal preferable but any decent clothing for all. All are advised to carry and wear lab costs during training.
- \* Training shall start at 1000hrs. For the convenience of all, please be present on time.
- \* Kindly bring a HOD letter and college ID during training.

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| 3 | requires tany provide | ny provide siz details of as the participants in the following format |         |         |                |             |  |  |
|---|-----------------------|---|---------|---------|----------------|-------------|--|--|
|   | Sr. No.               | Title   | Name    | Surname | email Id       | Contact No. |  |  |
|   | 1 (for example)       | Mrs.  | Namrata | Bachim  | tab@anchrom.in | 9833830695  |  |  |

As discussed over the phone with our Project Leader, Dr. Manjusha Phanse, we would like to inform you that our MoU is currently applicable only to our existing customers.

Thanks and Regards,

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### **NOTE FOR APPROVAL**

Reference No. PCU/R/note/2025/

Date: 15/07/2025

Subject: Application for Industrial Lab Visit Anchrome Enterprises and under one day Faculty Training Program

Respected Sir

I am writing to seek your kind approval for organizing a one-day industrial lab visit at Anchrome Enterprise followed by a one-day Faculty Development Program (FDP) in, Mulund West Mumbai, Maharashtra. This initiative is intended to enhance our faculty's industry exposure and encourage the adoption of advanced practices in teaching and research.

# **Details of the Program:**

Date: 02/08/2025

• Venue: Anchrom Enterprises, Mumbai

• Participants: 10 faculty members from School of Pharmacy

Purpose:

- o To bridge the gap between academia and industry
- o To promote technical learning and hands-on exposure for faculty members
- o To interact with industry professionals and explore collaborative opportunities
- o To provide in-depth knowledge of High-Performance Thin Layer Chromatography used in pharmaceutical analysis.

We assure you that all necessary precautions and institutional norms will be strictly followed during the visit. Transportation arrangements will be managed by the faculty members

We kindly request your permission to proceed with the planning and execution of this visit. Your support in this endeavour will greatly contribute to the professional development of our faculty.

Thanking you in anticipation.

Dr. Rajesh R. Patil

Dean, HoD, School of Pharmacy

Noted

Dr. Sudeep D. Thepade Pro-Vice Chancellor Approved

Dr. Govind N. Kulkarni Vice Chancellor (I/c)



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# PCET's School of Pharmacy, PCU

**Notice** 

Date: 16/07/2025

Dear Faculty Members,

We are pleased to announce a One-Day Faculty Training Program on HPTLC (High Performance Thin Layer Chromatography) scheduled for 2nd August 2025. This session is designed to enhance technical expertise and practical understanding of HPTLC applications in pharmaceutical and biomedical research.

Those who are interested for training kindly register your name

**Date:** 2nd August 2025, Saturday

① **Time:** 10:00 AM to 4:00 PM

Venue: [Anchrom Enterprises Mulund East]

Please Note:

Dress code: Formal preferable but any decent clothing for all. All are advised to carry and wear lab coats during training.

Carry College Identity card with you

**Training & Industrial visit** 

Coordinator

Dean, HoD

**School of Pharmacy** 





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# **Faculty Registration Details**

| Contact<br>Details | email Id                    | Surname  | First<br>Name | Salutation | Timestamp             |
|--------------------|-----------------------------|----------|---------------|------------|-----------------------|
| 9623128855         | ankita.jatale@pcu.edu.in    | Jatale   | Ankita        | Ms.        | 7/10/2025<br>20:18:16 |
| 9175072369         | mayuresh.raut@pcu.edu.in    | Raut     | Mayuresh      | Mr.        | 7/10/2025<br>20:40:03 |
| 9561245170         | shriniwas.patil@pcu.edu.in  | Patil    | Shriniwas     | Dr.        | 7/10/2025<br>20:41:54 |
| 9860987078         | harshada.puranik@pcu.edu.in | Puranik  | Harshada      | Mrs.       | 7/10/2025<br>21:30:35 |
| 8530371809         | dipalee.vhankade@pcu.edu.in | Vhankade | Dipalee       | Ms.        | 7/11/2025<br>2:14:10  |
| 9960101335         | sagar.kore@pcu.edu.in       | KORE     | SAGAR         | Dr.        | 7/13/2025<br>21:05:53 |
| 8862033962         | rahul.jadhav@pcu.edu.in     | Jadhav   | Rahul         | Mr.        | 7/14/2025<br>21:16:37 |
| 9284665680         | deeksha.bhandari@pcu.edu.in | Chaskar  | Deeksha       | Ms.        | 7/17/2025<br>0:59:32  |

Ms. Deeksha S. Chaskar

**Faculty Training Coordinator** 

Dr. Rajesh R. Patil

Dean & HoD, School of Pharmcy
Director / HoD
School of Pharmacy
PCET's Pimpri Chinchwad University
Sate, Maval (PMRDA), Dist. Pune Maharashtra



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# Approval Letter

31/07/2025, Thursday

Dear Faculty Members,

This is to inform you that approval has been granted for selected faculty members to attend the Faculty Training Program and Industrial Visit scheduled to be held at Anchrom Enterprises on Saturday, 2nd August 2025.

The purpose of this visit is to enhance industry-academia collaboration and provide valuable exposure to current industrial practices relevant to your respective fields.

We appreciate your enthusiasm and commitment to continuous learning and look forward to your valuable insights upon your return.

Wishing you a productive and enriching experience.

| Sr. No. | Name of Faculty          |  |  |  |  |
|---------|--------------------------|--|--|--|--|
| 1       | Dr. Sagar D. Kore        |  |  |  |  |
| 2       | Mr. Mayuresh K. Raut     |  |  |  |  |
| 3       | Mrs. Harshada H. Puranik |  |  |  |  |
| 4       | Ms. Dipalee J. Vhankade  |  |  |  |  |
| 5       | Ms. Ankita P. Jatale     |  |  |  |  |
| 6       | Mr. Rahul N. Jadhav      |  |  |  |  |
| 7       | Ms. Deeksha S. Chaskar   |  |  |  |  |
| 8.      | Ms. Rani Kumari          |  |  |  |  |

Dr. Rajesh R. Patil Director / HoD

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School of Pharmacy PCET's Pimpri Chinchwad University Sate, Maval (PMRDA), Dist. Pune Maharashtra



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# Report on HPTLC Faculty Training Program by Anchrom Enterprises

Anchrom Enterprises organized a comprehensive HPTLC (High-Performance Thin Layer Chromatography) training program aimed at enhancing analytical capabilities among faculty, researchers, and professionals in pharmaceutical and allied sciences. The program was structured to provide both theoretical insights and practical demonstrations, emphasizing HPTLC's role as a vital tool in modern analytical laboratories.

# **©** Objective of the Visit

- To gain hands-on exposure to High-Performance Thin-Layer Chromatography (HPTLC) techniques.
- To understand the industrial applications of analytical instrumentation in pharmaceutical, herbal, and food analysis.
- To bridge the gap between academic learning and industrial practices.

### Activities Conducted

- Facility Tour: Faculty were guided through Anchrom's advanced HPTLC lab setup.
- **Live Demonstrations:** Experts showcased the use of CAMAG HPTLC PRO systems for sample preparation, development, and documentation.
- Technical Sessions:
  - o Overview of HPTLC principles and instrumentation
  - o Case studies on herbal drug standardization and forensic analysis
  - o Data interpretation techniques using software tools

### Participants Details: Total 8 faculty participants were present

# **R** Key Takeaways

- Enhanced understanding of chromatographic techniques and their real-world applications.
- Insight into quality control protocols followed in regulated industries.
- Opportunities for academic-industry collaboration in research and training.

### Feedback Summary

- Faculty appreciated the interactive format and technical depth of the sessions.
- Many expressed interests in incorporating HPTLC modules into their curriculum and research projects



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# FACULTY TRAINING PROGRAMME OUTCOME REPORT

HPTLC Training Program with Certification

Duration: Full-day session (typically 10:00 AM – 5:00 PM)

Organized by: Anchrom Enterprises

### 1. Theoretical Module

• Principles of HPTLC vs. traditional TLC.

Instrumentation overview: sample applicator, development chamber, scanner.

• Applications in pharmaceuticals, herbal products, food, cosmetics, and environment.

### 2. Practical Module

- Hands-on training in:
  - o Sample preparation and plate development.
  - o Method development and validation.
  - o Visualization under UV and white light.
  - o Densitometric scanning and data interpretation.
- Use of Vision CATS or equivalent software for analysis and reporting.

## **Training Outcome:**

The HPTLC training program conducted by Anchrom Enterprises delivered a robust blend of theoretical instruction and hands-on experience, aimed at deepening participants' understanding of High-Performance Thin Layer Chromatography as a critical analytical tool in pharmaceutical and allied sciences. The morning session covered foundational principles, instrumentation, and diverse applications in pharmaceuticals, herbal drug standardization, food analysis, cosmetics, and environmental testing. In the afternoon, attendees engaged in a practical demonstration quantifying caffeine in green tea, using advanced tools like the Automatic TLC Sampler 4 (ATS 4) and Vision CATS software for data analysis. The program successfully enhanced participants' technical competence, emphasized the importance of calibration and standardization, and showcased HPTLC's versatility in analysing complex formulations. It concluded with an interactive Q&A, reinforcing the integration of theory and practice and equipping faculty with skills applicable to both research and teaching

Ms. Deeksha S. Chaskar

**Faculty Training Coordinator** 

Dr. Rajesh R. Patil

Dean & HoD, School of Pharmcy Director / HoD

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Dr. Rejesh R. Petil.

Director / HoD

School of Pharmacy

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