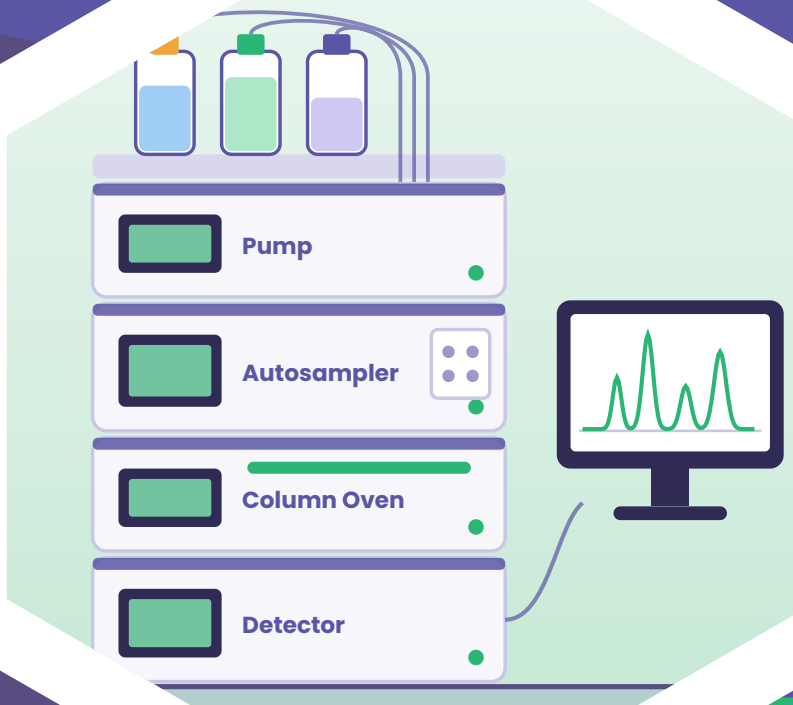
Parul® University Gujarat Goa
Faculty of ***Pharmacy***

3 GOOD HEALTH AND WELL-BEING | 4 QUALITY EDUCATION | 17 PARTNERSHIPS FOR THE GOALS



4 – 5
Dec 2026

Mode:
Offline

Venue:
School of Pharmacy,
Vadodara Campus

Registration Fee:
₹1,000

School of Pharmacy, Parul University, Vadodara Organises

TWO-DAY HANDS-ON FACULTY DEVELOPMENT WORKSHOP

HPLC: Principles and Practical Applications in Pharmaceutical Analysis

IN COLLABORATION WITH

BV Patel Education Foundation
Phone: 9106848562 / 9824250226
Website: www.bvpedufoundation.com

PROGRAMME OVERVIEW

About the Workshop

The School of Pharmacy, Parul University, in collaboration with BV Patel Education Foundation, is organising a two-day "Hands-on Faculty Development Workshop on HPLC: Principles and Practical Applications in Pharmaceutical Analysis" on 4 and 5 December 2026. High-Performance Liquid Chromatography (HPLC) is one of the most widely used analytical techniques in pharmaceutical quality control, quality assurance and research, forming a core component of curricula in Pharmacy, Chemistry and allied Life Sciences programmes. Despite its centrality, many faculty members and research scholars have limited hands-on exposure to instrument operation, method development and troubleshooting, relying largely on theoretical understanding.

This workshop is designed to bridge that gap by combining focused theoretical sessions with extensive hands-on laboratory training, enabling participants to strengthen their own technical competence and translate this knowledge into improved classroom and laboratory instruction for their students.

2	7 hrs	2	10
Days of Learning	Training per Day	Expert Resource Persons	Seats Only

Programme Objectives

- Strengthen the fundamental understanding of HPLC principles and instrumentation.
- Familiarise faculty with HPLC method development and optimisation.
- Provide practical exposure to sample preparation, chromatographic conditions and system suitability.
- Explain HPLC method validation parameters as applied in pharmaceutical quality control.
- Develop practical skills in chromatogram interpretation and troubleshooting.
- Bridge the gap between academic laboratory practices and pharmaceutical industry requirements.
- Enable faculty members to incorporate industry-oriented HPLC practices into teaching and research.

About Parul University and School of Pharmacy



Parul University, Vadodara, is one of Gujarat's leading private universities, with 38 constituent colleges and 21 faculties, over 70,000 students and a 150+ acre campus. It holds NAAC A++ accreditation and was ranked 41st in Pharmacy in NIRF 2025. The School of Pharmacy, established in 2018, is a constituent college of Parul University, committed to quality pharmacy education, research and industry-linked training.

About BV Patel Education Foundation

BV Patel Education Foundation (formerly known as Shri Bhupendra V. Patel Education Foundation and earlier known as Shri B.V. Patel Education Trust) is named after the First Drug Controller of Gujarat State, Shri Bhupendrabhai V. Patel. The vision and mission of the Foundation are to organise and conduct educational programmes in the field of pharmacy and allied sciences, and to support the pharma industry and academia with skilled manpower, scientists, technocrats and management professionals. To achieve this aim, the Foundation organises Hands-on Training Workshops, Faculty Development Programmes and Technician Development Programmes with various universities, colleges, private laboratories, companies and institutions across India. The Foundation also conducts Certificate Courses for pharma and allied science graduates to prepare them as industry-oriented skilled human resources, and is working to develop innovative programmes that support students and promote educational activities in healthcare across India. For details, visit: www.bvpedufoundation.com (www.bvpedutrust.com)

WORKSHOP SCHEDULE AND TOPICS

Day & Date	Time	Session / Topic	Resource Person
Day 1 Fri, 4 Dec 2026	9:30 AM – 10:00 AM	**Inaugural Session:** Welcome Address, Introduction to Workshop Objectives and Address by BV Patel Education Foundation	—
	10:00 AM – 10:30 AM	**Pre-workshop Evaluation** (20–25 MCQs)	—
	10:30 AM – 11:30 AM	**Session 1:** Fundamentals of HPLC: Principle, Instrumentation and Key Components (Pump, Injector, Column, Detector); Pharmaceutical Applications of HPLC in Quality Control	**Ms. Minal Salunkhe** Assistant Professor, School of Pharmacy
	11:30 AM – 11:45 AM	Tea Break	
	11:45 AM – 1:15 PM	**Session 2:** Selection of Column, Mobile Phase and Chromatographic Conditions; Chromatogram Interpretation and Peak Analysis	**Ms. Minal Salunkhe** Assistant Professor, School of Pharmacy
	1:15 PM – 2:00 PM	Lunch Break	
	2:00 PM – 5:00 PM	**Hands-on Training (Part 1):** HPLC Operation – System Start-up, Mobile Phase Preparation, Column Equilibration and Chromatographic Analysis	**Ms. Minal Salunkhe** Assistant Professor, School of Pharmacy
	5:00 PM – 5:30 PM	**Day 1 Quiz / Assignment**	—
Day 2 Sat, 5 Dec 2026	9:30 AM – 11:15 AM	**Hands-on Training (Part 2):** Sample Preparation and System Suitability Testing	**Mr. Ajay Raghuvanshi** QC Manager, Sun Pharma **Ms. Minal Salunkhe** Assistant Professor, School of Pharmacy
	11:15 AM – 11:30 AM	Tea Break	
	11:30 AM – 1:15 PM	**Hands-on Training (Part 3):** HPLC Analysis of Given Samples – Batch A on the instrument; Batch B on chromatogram processing, integration and system-suitability calculations	**Mr. Ajay Raghuvanshi** QC Manager, Sun Pharma **Ms. Minal Salunkhe** Assistant Professor, School of Pharmacy
	1:15 PM – 2:00 PM	Lunch Break	
	2:00 PM – 3:45 PM	**Hands-on Training (Part 4):** Batches swap – Batch B on the instrument; Batch A on chromatogram processing and calculations; Troubleshooting of Common HPLC Problems	**Mr. Ajay Raghuvanshi** QC Manager, Sun Pharma **Ms. Minal Salunkhe** Assistant Professor, School of Pharmacy
	3:45 PM – 4:15 PM	**Interaction with Expert:** Industry Expectations; Documentation Practices and Data Integrity (ALCOA+ Principles)	**Mr. Ajay Raghuvanshi** QC Manager, Sun Pharma
	4:15 PM – 5:00 PM	**Day 2 Quiz and Post-workshop Evaluation** (20–25 MCQs)	—
	5:00 PM – 5:30 PM	**Valedictory Session:** Participant Feedback, Award to Highest Scorer and Certificate Distribution	—

Learning Evaluation

Learning will be assessed through four evaluations: a pre-workshop and a post-workshop test of 20–25 MCQs each, and a quiz/assignment at the end of each day based on that day's teaching and practicals. A token prize will be given to the highest scorer.

Expected **Outcomes**

At the end of the workshop, participants will be able to:

- Explain the working principles and components of HPLC.
- Select appropriate chromatographic conditions for pharmaceutical analysis.
- Interpret chromatograms and system-suitability parameters.
- Identify and troubleshoot common HPLC problems.
- Apply industry-oriented approaches to HPLC teaching and research.
- Supervise M. Pharm. / Ph.D. analytical research projects with greater competence.

INSTRUCTIONS FOR PARTICIPANTS

- Registration is mandatory. The workshop is open to faculty members of Pharmaceutical Sciences / Life Sciences / Applied Sciences; seats are limited to 10 and will be allotted on a first-come, first-served basis.
- Not more than 2–3 participants will be accepted from one institution, and about 80% of the seats are reserved for participants from other institutions.
- Attendance in all sessions on both days is compulsory. No leave, late arrival or early departure will be permitted; participants are requested to plan their travel according to the workshop schedule.
- Certificates will be issued only to participants who attend all sessions on both days.
- Participants will take a pre-workshop test, a daily quiz/assignment and a post-workshop test.
- Registration fee: ₹1,000 per participant.

ORGANISING COMMITTEE

Patrons:

Dr. Rajesh S. Kesarla, Dean, Faculty of Pharmacy, Parul University

Dr. Lalit Lata Jha, Dean, Faculty of Pharmacy, PU, Goa campus

Dr. S.P. Adeshara, Director, BV Patel Education Foundation

Coordinators:

Dr. Vivek Shrivastava, Professor & Principal, School of Pharmacy, Parul University

Dr. Neeta Shrivastava, BV Patel Education Foundation

Co-Coordinators:

Dr. N. G. Raghavendra Rao, Principal, PIP, Faculty of Pharmacy, PU

Dr. G. S. Chakraborty, Principal, PIPR, Faculty of Pharmacy, PU

Dr. Dipti H. Patel, Principal, IPS, Faculty of Pharmacy, PU

Dr. Rupalben K. Jani, Principal, PIPER, Faculty of Pharmacy, PU

Dr. Vandana Patel, Principal, PCPR, PU

Co-ordination Support:

Dr. Shital Patel, Head, Department of Quality Assurance, School of Pharmacy

Registration **& Contact Details:**

Register:

Scan the QR code or use the link below.
https://forms.gle/y8dcDVMADxmFntzc9
Last date for registration: **30 November 2026**

REGISTRATION

Payment Details:

https://easebuzz.in/link/faculty-development-workshop-LNACR

Account Name:	**R & D Centre Unit of Parul University**
Account Number:	**3793150745**
IFSC Code:	**CBIN0284063**
Bank & Branch:	**Central Bank of India, PIET Limda**

PAYMENT

For Queries, Contact

Dr. Shital Patel | Mobile: 7042131926
shital.patel34777@paruluniversity.ac.in

We look forward to your participation.