



Kasegaon Education Society's
RAJARAMBAPU COLLEGE OF PHARMACY, KASEGAON
[Approved by AICTE, PCI, New Delhi, Govt. of Maharashtra, Accredited by
NBA, New Delhi (2019 to 2022), Reaccredited (2022 to 2025), 2F, 12B- UGC
approval, Permanently Affiliated to Shivaji University, Kolhapur]



In Collaboration with

BV Patel Education Foundation, Ahmedabad

Organizes

TWO-DAY HANDS-ON TRAINING PROGRAMME

On

**“HPTLC TECHNIQUES FOR QUALITY ASSESSMENT OF
PHARMACEUTICALS AND HERBAL PRODUCTS”**

(16th and 17th October 2026)



Patrons

Hon. R.D. Sawant
Secretary, Kasegaon Education Society, Kasegaon

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

Conveners

Prof. Dr. S. K. Mohite
Principal
Rajarambapu College of Pharmacy, Kasegaon

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BV Patel Education Foundation, Ahmedabad

Co-ordinators

Dr. M. A. Bhutkar
Rajarambapu College of Pharmacy, Kasegaon

Dr. Neeta Shrivastava
BV Patel Education Foundation, Ahmedabad

Programme Dates

16th and 17th October 2026

Venue

**Kasegaon Education Society's
RAJARAMBAPU COLLEGE OF
PHARMACY, KASEGAON**

At. Post Kasegaon, Taluka - Walwa, District - Sangli -
415 404 (Maharashtra, India)

Website: www.kesrcp.com,
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WHO SHOULD ATTEND?

Pharmacy Faculty, Allied health sciences
students, Industry person, Research scholars

Registration Fees: Faculty / Industry Person/
Research Scholars: INR 700/-



(First 20 Seats only)

For details Contact:
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About the Society

Kasegaon Education Society is one of the leading educational organizations in the Western Maharashtra. It was established in 1945 by Late Shri. Rajarambapu Patil, the leading statesman. Considering the need of time, the Society focused its attention on taking the education to the threshold of the rural masses. The Society started schools in the nearby villages and a hostel for backward class students at Kasegaon. Today the Society has 31 primary and secondary schools and 15 higher educational institutes under its roof. This includes mainly three arts, commerce & science colleges, two information technology institutes, an engineering college, a polytechnic, two management institutes, a nursing institute, a agricultural polytechnic, a pharmacy college and an international school.

The Society has been conferred with several prestigious awards, including the Dr. Babasaheb Ambedkar Dalit Mitra Puraskar, the Dr. Babasaheb Ambedkar Social Justice Excellence Award 2026, and the State Award for Educational Institutes. The Society has also received Certificates of Appreciation from C-DAC and MKCL in recognition of its exemplary contribution towards promoting computer literacy.

About the College

Rajarambapu College of Pharmacy, Kasegaon is one of the premier institutions in the field of Pharmacy. It is established in the year 2005 and approved by AICTE, Pharmacy Council of India, New Delhi and affiliated to Shivaji University, Kolhapur(Permanent Affiliation) and is having state of art facilities to cater the need of pharmacy curriculum and is one of the very few Pharmacy colleges with UGC approval under 2f and 12b. B. Pharmacy course has been accredited by NBA, New Delhi (2019 to 2022) and again reaccredited (2022 to 2025).

About the BV Patel Education Foundation, Ahmedabad



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. Vision and Mission of the Foundation are to organize and conduct educational programs in the field of pharmacy and allied sciences and to support pharma industry and academia with skilled manpower, scientists, technocrats and management professionals. To achieve this aim, the Foundation organizes Hands on Training Workshops, Faculty Development Programmes, 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 for industry oriented skilled human resources. The Foundation is also working to come up with innovative programmes to support students and promote educational activities across India in healthcare. For details, visit: www.bvpedufoundation.com
(www.bvpedutrust.com)

About the Programme

High-Performance Thin Layer Chromatography (HPTLC) is a versatile, cost-effective analytical technique widely used for the qualitative and quantitative analysis of pharmaceuticals and herbal products. It plays a vital role in quality control, standardization, and authentication of complex formulations. With increasing emphasis on quality assurance and regulatory compliance, there is a growing need for hands-on training in HPTLC. The proposed training programme, "HPTLC Techniques for Quality Assessment of Pharmaceuticals and Herbal Products," aims to equip teaching faculty with practical skills in sample preparation, method development, chromatographic analysis, densitometry, and basic method validation. The programme will strengthen laboratory teaching, enhance research capabilities, and promote industry-relevant analytical practices in pharmaceutical and herbal sciences.

Objectives

1. To develop practical skills in HPTLC techniques, including sample preparation, plate development, visualization, and densitometric analysis for pharmaceutical and herbal samples.

2. To enable participants to understand and perform method development and optimization in HPTLC for effective separation and analysis of complex formulations.
3. To enhance the capability of faculty to integrate HPTLC techniques into teaching and research, thereby improving laboratory instruction and promoting industry-relevant skill development among students.

Details of the Programme

16th October 2026	
Time	Details
9.00 am to 9.30 am	Registration
9.30 am to 10.00 am	Inauguration
10.00 am to 10.30am (Lecture)	Session I: Introduction and System Familiarization
10.30 am-12.45 pm (Hands-on Activity)	• Identification of instrument components • Handling of HPTLC plates (do's and don'ts) • Plate marking and track planning • Software interface overview
12.45 pm to 1.15 pm	Lunch
1.15 pm to 1.45 pm	Session II: Sample Preparation and Application
1.45pm-3.30pm (Hands-on Activity)	• Preparation of Standard solution and Test samples • Plate pre-washing and activation • Sample application using applicator
3.30 pm to 3.45 pm	Tea Break
3.45 pm to 4.15 pm	Session III: Mobile Phase Optimization and Plate Development
4:15pm to 5:30pm (Hands-on Activity)	• Preparation of mobile phase mixtures • Chamber saturation setup • Plate development under controlled conditions • Comparison of different solvent systems

17th October 2026

Time	Details
9.00 am to 9.30 am	Session IV: Visualization and Troubleshooting
9.30 am to 11.00 am <i>(Hands-on Activity)</i>	• Visualization under UV cabinet • Derivatization using suitable reagents • Capturing plate images • Troubleshooting exercises
11.00 am to 11.15 am	Tea Break
11.15 am to 11.45 am	Session V: Quantification and Validation
11.45 am to 1.15 pm <i>(Hands-on Activity)</i>	• Scanning of developed plates • Selection of wavelength • Preparation of calibration standards • Generating calibration curve
1.15 pm to 1.45 pm	Lunch Break
1.45 pm to 2.15 pm	Session VI: Applications and Case Studies
2:15pm-4:30pm <i>(Hands-on Activity)</i>	• Fingerprinting of herbal sample • Comparison of multiple samples (quality check) • Interpretation of chromatographic profiles
4.30 pm to 4.45 pm	Tea Break
4.45 pm to 5.15 pm	Valedictory Function