



Bharati Vidyapeeth

(Deemed to be University), Pune, India

Sponsored



5 Days Workshop on

**Hands-On Workshop: Extraction, Isolation and
Precision with HPLC, HPTLC and GC-MS for Phytochemical
Department of Pharmacognosy**

Date: 19th to 23rd August 2025

Jointly organized by
**Poona College of Pharmacy, Pune &
Shri B. V. Patel Education Trust,
Ahmedabad, Gujarat**



Bharati Vidyapeeth
(Deemed to be University), Pune, India



5 Days Workshop on Hands-On Workshop: Extraction, Isolation and Precision with HPLC, HPTLC and GC-MS for Phytochemical

Bharati Vidyapeeth & Bharati Vidyapeeth (Deemed to be University):

Bharati Vidyapeeth, the parent body of Bharati Vidyapeeth (Deemed to be University) was established by Hon'ble Dr. Patangrao Kadam, a visionary educationist on 10th May 1964 with the mission of "Social transformation through dynamic education". In a span of 50 years, Bharati Vidyapeeth has grown into a leading educational consortium in India with more than 190 different institutions. Bharati Vidyapeeth Deemed to be University, Pune is re-accredited by NAAC with coveted A++ grade. Bharati Vidyapeeth has been awarded an A grade by Ministry of Human Resource Development (MHRD) and is ranked 78th by NIRF 2024 under university category

Bharati Vidyapeeth (Deemed to be University), Poona College of Pharmacy: At A Glance

Poona College of Pharmacy, a premier institute in Maharashtra, offers quality education in Pharmacy through its B.Pharm, M.Pharm (eight specializations), Pharm.D, and Ph.D. programs. Approved by the Pharmacy Council of India (PCI), it is accredited by NAAC (A++ Grade), NBA and is ISO-9001-2015 certified. Poona college of pharmacy, ranked among the top 40 pharmacy institutes by NIRF. Recognized for research excellence, the college has over 1600 published papers, 50+ patents, and multiple research grants from AICTE, UGC, DST, DBT, NMPB and DRDO. It was part of the UGC's Special Assistance Programme (SAP) and also had AICTE's Quality Improvement Program (QIP). The college houses an FDA-approved Public Testing Lab, an APEDA-recognized Centre for Food Testing, and the SKiILD PCP incubation center. Its unique drug manufacturing unit provides hands-on training. With collaborations across industries and research organizations, the faculty has successfully led numerous funded projects. The institution continues to set benchmarks in pharmaceutical education and research.

Program Details

Eligibility:

- The faculty members, Ph.D. research scholars and PG students are eligible to attend this workshop.
- The number of participants for this program is limited to 20 only; Selection on a first come first basis will be done.

Registration for the Workshop

Eligible candidates have to register through the given google link : <https://forms.gle/aUezdrozUuth2nJw9>

Registration Fees:
Rs. 1500/-

Last Date for Registration
5th August 2025

Account Details for Payments

Account Holder : Poona College of Pharmacy
Account Number : 11138205434
IFSC Code : SBIN0004618
Bank Name : State Bank of India
Branch : Erandwana, Pune

Attendance is compulsory throughout the session.

Registration Fee Confirmation of Participation and Certificates:

Upon the registration a confirmation mail will be sent to the selected participants. Participants who have received confirmation mail have to pay the registration fee within the due time and send the payment details along with a recommendation letter from head of institution upon which the registration will be approved.

The detailed schedule will be shared only to the confirmed participants through email and WhatsApp. Certificate will be provided to those who have 100% attendance, and have filled feedback form of the program.

Accommodation: Students/ Faculty outside of Maharashtra should consult with organising secretary.

Shri B.V. Patel Education Trust: At A Glance

Shri B.V. Patel Education Trust is established in the fond memory of the First Drug Controller of Gujarat, Shri Bhupendrabhai V. Patel in the year 1974. Vision and Mission of the Trust is educational activities in the field of pharmacy and allied sciences to support pharma industry with skilled scientists / technocrats / management professionals. To fulfil this goal the Trust carries out various programmes like International Symposiums, Hands on Training Workshops, Industry- Oriented Dissertation Programs etc.

The Trust also conducts Shri B.V. Patel Essay Competition annually where students / academicians / industry professionals from various field can participate. In addition to this the Trust also organises Shri B.V. Patel Memorial Lecture every year in 'Indian Pharmaceutical Congress' where the winners of Essay Competition also receive medals and cash prize. The Trust is also planning to start Certificate Courses for pharma and allied science graduates to prepare them for industry oriented skilled human resource. The Trust is also working to come up with innovative programmes to support students and promote educational activities in Gujarat.

Brief Summary of Program :

This proposed workshop on sophisticated instrument handling, specifically tailored for participants involved with academia. This workshop aims to provide participants with a comprehensive understanding of modern techniques in extraction and isolation of compounds, alongside HPLC (High-Performance Liquid Chromatography), HPTLC (High-Performance Thin-Layer Chromatography), GC-MS methods for the analysis of complex samples. The workshop aims to enhance the practical understanding and technical skills required for handling advanced instruments, ensuring precision, efficiency, and adherence to safety protocols. The training will include theoretical sessions, hands-on demonstrations, and troubleshooting techniques for commonly used instruments in the field such as HPLC, HPTLC and GC-MS.

Objectives of the Program:

- To provide a comprehensive understanding of extraction and isolation techniques used in analytical and pharmaceutical research, including solvent selection, extraction methods, and purification processes.
- To introduce the principles and instrumentation of HPLC and HPTLC, including system components, operational parameters, and method development.
- To enable participants to interpret chromatographic data, including peak analysis, retention time, resolution, and quantification.
- To familiarize participants with safety guidelines and best practices for handling sensitive equipment.
- To enhance participant's problem-solving and analytical skills in dealing with instrument-related challenges.
- To bridge the gap between theoretical knowledge and practical application through hands-on experience.
- To foster collaboration and knowledge exchange among professionals and researchers in the field.

Programme Impact - Expected Outcome:

- Improved proficiency in handling advanced instruments, leading to more accurate data collection and analysis. Enhanced confidence and capability among research scholars to troubleshoot and resolve technical issues independently.
- Increased operational efficiency and reduced downtime of instruments due to better maintenance practices.
- Strengthened professional skills and preparedness for emerging challenges.



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Our Patrons

Hon. Dr. Shivajirao Kadam

Chancellor,
Bharati Vidyapeeth
(Deemed to be University), Pune

Hon. Dr. Vishwajeet Kadam

Secretary, Bharati Vidyapeeth
Pro Vice Chancellor, Bharati Vidyapeeth
(Deemed to be University)

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Vice-Chancellor,
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Poona college of Pharmacy
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Venue :

Bharati Vidyapeeth, (Deemed to be University)

Department of Pharmacognosy

Poona College of Pharmacy

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