MAHARASHTRA EDUCATIONAL SOCIETY'S

H. K. COLLEGE OF PHARMACY

Approved by P.C.I, D.T.E, Govt. of Maharashtra & Affiliated to University of Mumbai,
NAAC Accredited with Grade 'A', QCI Accredited.

In collaboration with

BV PATEL EDUCATION FOUNDATION

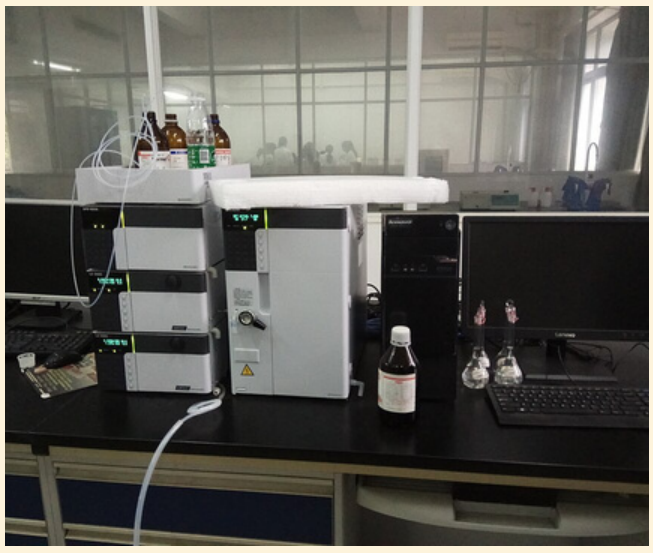
(Formerly Shri Bhupendra V. Patel Education Foundation & earlier Shri B.V. Patel Education Trust)

3-DAY HANDS-ON TRAINING WORKSHOP

Pharmaceutical Analytical Instruments & Quality Assessment

Theory + Hands-on Practicals • 21 Contact Hours • USP & ICH Aligned

DATE	TIME	VENUE
7th – 9th December 2026	**9:00 AM – 5:00 PM**	**Auditorium**
Monday to Wednesday	On all three days	H. K. College of Pharmacy







3 DAYS HANDS-ON TRAINING

REGISTRATION FEE

₹ 1,500/-

per participant

FEE INCLUDES

- **Certificate of participation**
- **Breakfast ,Lunch & tea on all 3 days**
- **Hands-on training on 7 instruments**

REGISTER ONLINE

Limited to 15 participants

Open to B.Pharm & M.Pharm students and Ph.D. scholars, Faculty,BSc, MSc, Life science

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Tap the link or scan the QR code

SCAN TO REGISTER

Last Date for Registration: 22nd November 2026

Vision: To be recognized as the institution providing quality education in pharmacy to serve the healthcare sector.

ABOUT THE WORKSHOP

This three-day hands-on workshop gives participants practical exposure to the analytical instruments routinely used in pharmaceutical QC, R&D and analytical laboratories — covering instrument operation, calibration, analytical testing, data interpretation and regulatory expectations as per **USP and ICH guidelines.**



PROGRAMME SCHEDULE

21 contact hours • 9:00 AM – 5:00 PM daily

DAY 1 — 7th December 2026
Monday • 7 Hours

Particle Characterization & Basic Analytical Instruments

TOPICS
- Particle size in dosage forms
- Sieve analysis & microscopy
- Image analysis
- Balance qualification
- pH meter calibration

HANDS-ON PRACTICAL
- Sieve particle sizing
- Microscopic characterization
- ImageJ particle size analysis
- Balance & pH meter checks
- Data interpretation

DAY 2 — 8th December 2026
Tuesday • 7 Hours

Dissolution Testing & UV-Visible Spectroscopy

TOPICS
- USP dissolution apparatus
- Dissolution method & profiles
- UV-Visible spectroscopy
- Instrument qualification
- Assay by UV

HANDS-ON PRACTICAL
- Apparatus set-up & media prep
- Dissolution testing & sampling
- UV spectrophotometer operation
- Calibration curve & assay
- Profile interpretation & f2

DAY 3 — 9th December 2026
Wednesday • 7 Hours

HPLC & Pharmaceutical Impurity Testing

TOPICS
- HPLC instrumentation
- Related substance testing
- Pharmaceutical impurities
- ICH Q3A, Q3B, Q3D & M7
- Chromatographic interpretation

HANDS-ON PRACTICAL
- HPLC start-up & shutdown
- Standard & sample preparation
- Related substances analysis
- Impurity calculations
- Report preparation

RESOURCE PERSONS

RESOURCE PERSON
Mr. Rahul R. Nawathe
Quality Control Engineer, Pharma Spares, Sieve Labs

RESOURCE PERSON
Haresh Halwai
Technical Executive, Contech Private Limited

RESOURCE PERSON
Sagarika Salaskar
R&D Executive, Ultra Pure Analytics

RESOURCE PERSON
Suhas Yewale
Associate Director, Techno Commercial, Sotax India Pvt. Ltd.

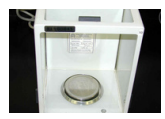
RESOURCE PERSON
Harshala Antapurkar
Manager, L&D Department, ImageProVision

RESOURCE PERSON
Sampada Khopkar
Shimadzu India Pvt. Ltd.

KEY LEARNING OUTCOMES

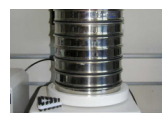
- Operate pharmaceutical analytical instruments
- Calibrate and qualify instruments
- Conduct pharmacopeial analytical testing
- Perform dissolution testing & interpret profiles
- Generate and interpret analytical data
- Understand documentation & compliance
- Improve readiness for analytical laboratories

INSTRUMENTS


Analytical Balance

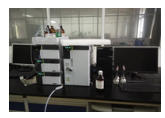

pH Meter


Microscope


Sieve Analyzer


Dissolution


UV-Vis


HPLC

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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. The Foundation also conducts certificate courses for pharma and allied science graduates to prepare them as industry-oriented, skilled human resources. The foundation is also working to come up with innovative programmes to support and promote educational activities across India in healthcare.

H. K. COLLEGE OF PHARMACY

Established in 2006 by Late **Prof. Javed Khan**, Ex-Education Minister of Maharashtra, H. K. College of Pharmacy (HKCP) is run by the Maharashtra Educational Society. It is approved by **PCI** and **DTE**, Govt. of Maharashtra, affiliated to the University of Mumbai, **NAAC accredited with Grade 'A'** and **QCI accredited**. Its green campus at Oshiwara, Jogeshwari (W) offers excellent infrastructure, sophisticated research instruments, experienced faculty, strong mentoring and an active placement cell. The Department of Pharmaceutics regularly organises workshops that bridge academia and the pharmaceutical industry.



PATRONS

Mrs. Humera Khan
President
Maharashtra Educational Society

Mr. Waseem Khan
General Secretary
Maharashtra Educational Society

Dr. Azeem Khan
Treasurer
Maharashtra Educational Society

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

PROGRAMME COMMITTEE MEMBERS

CONVENER

Dr. Tushar Lokhande
Principal
H. K. College of Pharmacy

Dr. Manish Nivsarkar
Coordinator
BV Patel Education Foundation

COORDINATORS

Dr. Jaya Agnihotri
Dept. of Pharmaceutics

Ms. Saba Khan
Dept. of Pharmaceutics

Dr. Sushruta Mulay
Dept. of Pharmaceutics

ORGANIZING COMMITTEE • DEPARTMENT OF PHARMACEUTICS

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Dept. of Pharmaceutics

Dr. Sushruta Mulay
Dept. of Pharmaceutics

Mrs. Vaishali Patel
Dept. of Pharmaceutics

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Dept. of Pharmaceutics

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Dr. Sheela Yadav
Dept. of Pharmaceutics

Mrs. Samreen Khan
Dept. of Pharmaceutics

Mrs. Pranali Bhasharkar
Dept. of Pharmaceutics

REGISTRATION

Register for the Workshop

₹ 1,500/- per participant
Last date: 22nd November 2026
Certificate, Breakfast,lunch & tea included

CONTACT

Mr. Hamza Tajani
+91 77189 36744
Ms. Shifa Shaikh
+91 89283 98207
10 AM - 6 PM

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