



Prabodhan Shikshan Prasarak Sanstha's

Indira Institute of Pharmacy, Sadavali

Affiliated to University of Mumbai (B. Pharm) & MSBTE, Mumbai (D. Pharm)
NAAC Accreditation B++ Grade, ISO 9001:2015 Certified, UGC 2(f) recognized

Under the Aegis of IQAC



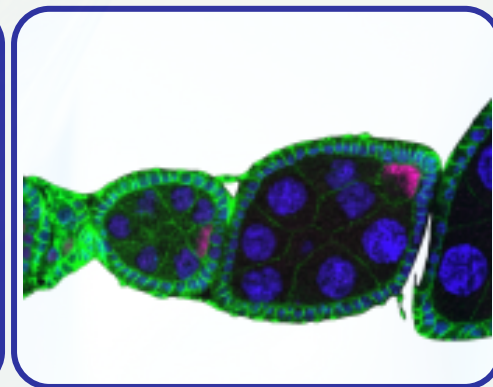
In collaboration with

Shri B.V. Patel Education Trust, Ahmedabad &
Association of Pharmaceutical Teachers of India (APTI),
Maharashtra State Branch



ORGANIZES Two Day Workshop on

**Eco-Synthesis, Extraction, and Bio-Screening: Hands-On
Training on Microwave-Assisted Green Chemistry and
Alternative Models (Drosophila & Zebrafish)**



DATE

July 10-11, 2026 (Friday & Saturday)

TIME

10:00 am to 5.00 pm

VENUE

Indira Institute of Pharmacy,
Sadavali (Devrukh),
Ratnagiri 415 804, Maharashtra

WHO SHOULD ATTEND ?

Pharmacy students, allied health sciences
students, Industry person, research scholars
& faculty

Registration Fees:

Faculty / Industry Person/ Research Scholars
INR 1500/-
UG/ PG Students INR 1200/-
(First 20 Seats only)



Learning Objectives of the Workshop

- Adopt sustainable, microwave-assisted Green Chemistry techniques.
- Implement ethical Pharmacological screening using Drosophila and Zebrafish.
- Connect eco-friendly synthesis directly to practical bioactivity assessments.
- Foster high-quality Projects & Publication-ready academic research.

Resource Persons



Dr. Rakesh R. Somani

Principal, D.Y. Patil School of Pharmacy,
Navi Mumbai & President APTI
Maharashtra State



Dr. Pratip Chaskar

Associate Professor,
D.Y. Patil School of Pharmacy,
Navi Mumbai



Mrs. Piyusha Shete-Patil

Assistant Professor,
D.Y. Patil School of Pharmacy,
Navi Mumbai

CHIEF PATRONS

Shri. Ravindraji Mane

Ex-State Minister, Maharashtra & Chairman
Prabodhan Shikshan Prasarak Sanstha, Ambav

Shri. Manohar Surve

Vice-Chairman
Prabodhan Shikshan Prasarak Sanstha, Ambav

Mrs. Neha Mane

Executive Chairperson
Prabodhan Shikshan Prasarak Sanstha, Ambav

Dr. S. P. Adeshara

Chairman
Shri B. V. Patel Education Trust, Ahmedabad

Coordinators

Dr. Medha A. Khade

HoD, Pharmacology
94042 47859

Dr. Vivek S. Kulkarni

HoD, Pharmaceutical Chemistry
94211 41242

PATRON

Shri. Pradumnya Mane

Chief Executive Officer (CEO)
Prabodhan Shikshan Prasarak Sanstha, Ambav

CONVENERS

Dr. Amol B. Khade

Principal & Professor
Indira Institute of Pharmacy, Sadavali, Devrukh

Dr. Neeta Shrivastava

Deputy Director
Shri. B. V. Patel Education Trust, Ahmedabad

Asst. Coordinator

Mr. Prashant B. Gurav

IQAC Coordinator
95457 66765



Registration details

Scan the QR code to pay
boism-94211441222@boi

For Registration: 27/06/2026

Bank details for Payment:

Bank name: Bank of India, Devrukh Branch

Account No. 144010110001260

Account Name: Principal, Indira Institute of Pharmacy,
Sadavali

IFSC CODE: BKID0001440

Branch: Devrukh, Ratnagiri



Scan the QR code to register



About the Indira Institute of Pharmacy (IIP), Sadavali

Indira Institute of Pharmacy, Sadavali was established in the year **2008** under the flagship of **Prabodhan Shikshan Prasarak Sanstha, Ambav, Devrukh, Ratnagiri**. At present, the Institute offers **D. Pharm** and **B. Pharm**. Programs with 60 intakes for each. The **D. Pharm** program is affiliated to **Maharashtra State Board of Technical Education (MSBTE)** and **B. Pharm** program is affiliated to the University of Mumbai. The Institute is approved by the **Pharmacy Council of India (PCI)** & Government of Maharashtra. The Institute is recognized under **Section 2(f) of the UGC Act, 1956**. The institute has **ISO 9001:2015 certification**. The institute has strong industrial consultancy and ranked under the **gold category** of the **AICTE CII survey**. The institute is Reaccredited by **NAAC with B++** grade with **CGPA of 2.95**. The institute maintains strong industry connections and has provided **consultancy and services** worth **over 6 million rupees**. For details visit - www.iip.ind.in

Vision of the Institute

To be a prime source of pharmaceutical education in Konkan region for developing globally competent and professional Pharmacists.



About the Shri B.V. Patel Education Trust, Ahmedabad

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.

For details visit – www.bvpedutrust.com



About The APTI, Maharashtra State Branch

The Maharashtra State Branch is a key part of the APTI's structure. As a regional body, it works to **implement the national association's mission and objectives within the state**. It has **its own leadership and a list of contact persons from various Pharmacy colleges in Maharashtra**. These local contacts are essential for coordinating activities and engaging with members at a grassroots level. The branch likely organizes its own **local events, workshops, and seminars to address the specific needs and interests of its members in Maharashtra**.

The APTI's national body also has a strong presence in Maharashtra, with several national-level office bearers and committee members hailing from institutions within the state.

For details visit - <https://aptiindia.org/maharashtra>

About the content of the workshop:

This workshop provides comprehensive training on **sustainable research methodologies, bridging Green Chemistry with *in vivo* pharmacological screening**. Participants will gain **hands-on experience in eco-friendly synthesis and its practical therapeutic evaluation using alternative animal models**.

- **Introduction to Sustainable Research:** Fundamentals of Green Chemistry, the role of microwave technologies, and the ethical advantages of alternative animal models in drug discovery.
- **Hands-on Microwave Synthesis & Extraction:** Practical training on using microwave reactors for the rapid, eco-friendly extraction of phytoconstituents and synthesis of pharmaceutical molecules, focusing on improved yield and time efficiency.
- **Biological Screening with *Drosophila* (Fruit Fly):** Practical exploration of the fruit fly as a highly effective, cost-efficient model for studying neurodegenerative and metabolic disorders.
- **Toxicity Testing with Zebrafish (*Danio rerio*):** Demonstrating the utility of Zebrafish in early-stage preclinical testing, leveraging their transparent embryos and physiological similarity to humans for toxicity and efficacy screening.
- **Data Integration & Application:** Strategies for evaluating the bioactivity of synthesized compounds using these models to generate high-quality, publication-ready research data.
- **Interactive Q&A & Troubleshooting:** An open forum with experts to resolve common technical issues and discuss best practices for implementing these techniques in student projects.
- **Networking & Wrap-up:** Dedicated time for academic collaboration, followed by a final summary, participant feedback, and certificate distribution.

ORGANIZING COMMITTEE

Mr. Nikul N. Patel

Mr. Ajinkya E. More

Mrs. Prajakta P. Sathe

Ms. Vaishnavi K. Dudy