

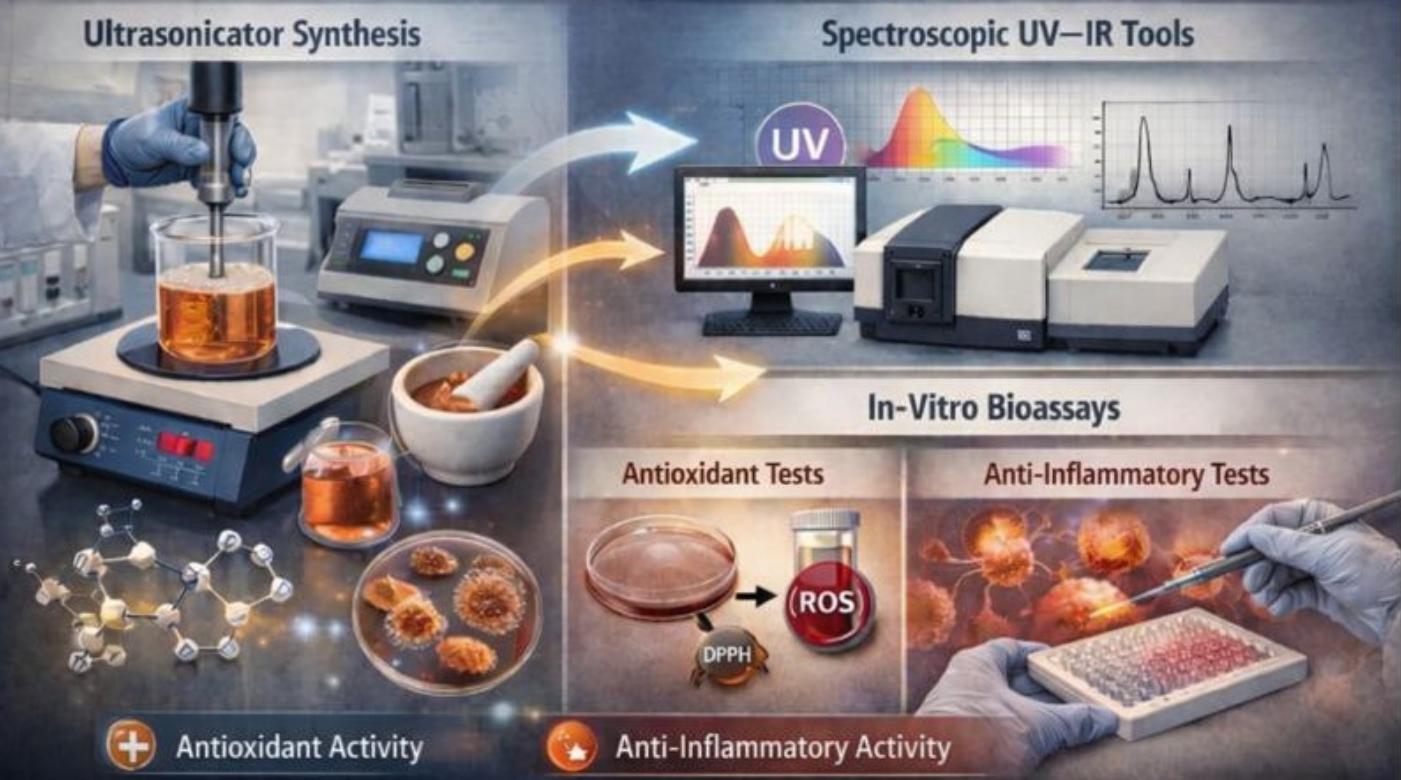
**SMBT College of Pharmacy, Nashik, Maharashtra.**  
**Under the Aegis of IQAC and IIC**

in collaboration with  
**Shri B. V. Patel Education Trust, Ahmedabad, Gujarat**

Organizes Two days Hands on Training Workshop on

# **Sustainable Green Synthesis, Spectroscopic UV–IR Tools and In-Vitro Bioassays for Antioxidant and Anti-Inflammatory Activities**

**2<sup>nd</sup> and 3<sup>rd</sup> February 2026**



**Ultrasonicator Synthesis**

**Spectroscopic UV–IR Tools**

**In-Vitro Bioassays**

**Antioxidant Tests**

**Anti-Inflammatory Tests**

**Antioxidant Activity**

**Anti-Inflammatory Activity**

**SMBT College of Pharmacy** is a premier institute under SMBT Educational Trust, which is committed to excellence in pharmaceutical education and research. With state-of-the-art laboratories, experienced faculty, and a vibrant academic environment, the college fosters innovation, skill development, and hands-on learning. Located amidst the serene Nandi Hills of Igatpuri. It provides an ideal setting for professional growth. The institute continuously strive to empower students and researchers through quality training, workshops, and industry-oriented programs.

**Shri B.V. Patel Education Trust** was established in 1974 in the memory of Shri Bhupendrabhai V. Patel, the first Drug Controller of Gujarat. With a mission to advance education in pharmacy and allied sciences, the Trust supports the pharmaceutical industry with skilled scientists, technocrats and professionals. It conducts International Symposiums, Hands-on Workshops, and Industry-Oriented Dissertation Programs, along with the annual Shri B. V. Patel Essay Competition and the Shri B. V. Patel Memorial Lecture at the Indian Pharmaceutical Congress. The Trust is also planning Certificate Courses for pharmacy graduates and continues to introduce innovative initiatives to promote student development and educational excellence in Gujarat.

PATRON  
**Shri. S. P. Adeshara**  
Chairman  
Shri B.V.Patel Education Trust

<http://www.bvpedutrust.com>

**Objectives of Workshop:** The workshop aims to equip rural students and researchers with practical skills in eco-friendly green synthesis and basic spectroscopic techniques. Participants will receive hands-on training on UV-IR analysis, antioxidant and anti-inflammatory in-vitro assays. The program focuses on building confidence and research competence using accessible, easy-to-learn methods.

**Who can attend:** The faculty members, Ph.D. research scholars and UG/PG students of Pharmacy/ Science colleges are eligible to attend this workshop

-Co-ordinator-

**Dr. Nirmala V. Shinde**  
HOD, Department of  
Pharmaceutical Chemistry,  
SMBT College of Pharmacy,  
Nandi Hills, Nashik.

-Convener-

**Dr. Neeta Shrivastava**  
Deputy Director,  
Shri B.V Patel Education Trust

**Dr. Yogesh V. Ushir**  
Principal,  
SMBT College of Pharmacy,  
Nandi Hills, Nashik.

Time	Session	Details
<b>Day 1</b>		
9:30–10:00	Inauguration	Registration & Opening
10:00–11:00	Session 1	Introduction to Green Chemistry
11:00–13:00	Session 2	Sonochemistry: Synthesis of 2-3 drugs intermediates by Sono chemical Synthesis
13:00–14:00		Lunch Break
14:00–16:00	Session 3	Mechanochemistry: Synthesis of 2-3 drug intermediates by mechanical synthesis
<b>Day 2</b>		
9:30–10:30	Session 4	Basics of UV and IR Analytical techniques
10:30–12:00	Session 5	UV-Vis & IR Analysis – Hands-on Characterization of synthesized compounds by UV and IR
12:00–13:00	Session 6	Anti-inflammatory Assays: Screening of drugs or drug intermediates for Anti-inflammatory activity
13:00–14:00		Lunch Break
14:00–16:00	Session 7	Antioxidant Assay : Screening of drugs or drug intermediates by NO & H <sub>2</sub> O <sub>2</sub> Scavenging Method
16:00–16:30	Session 8	Valedictory Program

#### **Confirmation of Participation and Certificates:**

- Upon registration, a confirmation email will be sent to the selected participants.
- Certificates will be awarded only to participants who maintain 100% attendance and complete the feedback form of the program.

## REGISTRATION FOR THE WORKSHOP

Eligible candidates have to register through the given



Scan For Registration

Account No :- **60537101161**

Account Name :- **SMBT Sevabhavi Trust Pharmacy**

IFSC Code :- **MAHB0002579**

Bank Name :- **Bank of Maharashtra**

Registration Fees -

**For Students: ₹ 500/- | For Faculty: ₹ 1500/-**

Limited to 20 participants only

-For More Details-

**Dr. Sachin K. Bhosale**

7972655712

**Dr. Harsha I. Narkhede**

9850683264

