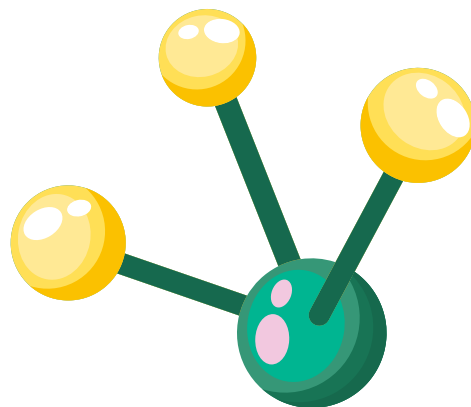


*in association with*



**SHRI B.V. PATEL  
EDUCATION TRUST**

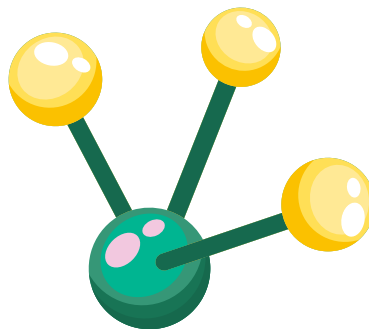


*is organising*

*Three Days Hands on Training on*

**Electron and Probe Microscopy for  
Surface Analysis in Health Sciences,  
Nanotechnology and Material Research**

**25<sup>th</sup> - 27<sup>th</sup>**  
**February, 2026**



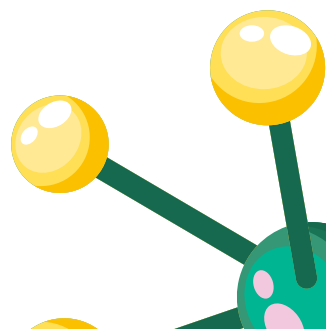
***Get in Touch:***



**+91 85113 69904**



**micronanornd@paruluniversity.ac.in**



## ***About Parul University***

A multidisciplinary destination of learning and innovation, propelling quality in higher education with a record of being India's youngest private university to receive NAAC A++ accreditation in the first cycle. Situated in Vadodara, Gujarat, Parul University, is an embodiment of the nation's essence of cultural heritage blended with modern innovations and academic practices for student enrichment, while fostering national and global development. The University is an amalgamation of faculties and institutes that offer a plethora of diploma, undergraduate, postgraduate and doctoral programs in numerous disciplines. Through its uniquely structured, industry linked and field aligned programs, the University holds a noteworthy record of fulfilling the infinite dreams of students, by launching their lucrative careers towards high trajectories through start-up incubation and impeccable placement records. The 125-acre eco-friendly campus is home to over 43,000 students from every State of India and over 2,500 international students from 68 countries, making Parul University a truly culturally global destination.

## ***About Micro-Nano R&D Center***

The Micro Nano Research and Development Center at Parul University, Vadodara, was established in 2024 under the auspices of the Industries Commissionerate, Government of Gujarat. This center was funded through the Scheme for Assistance for Research & Development Activities, under Gujarat Industrial Policy 2020. It is set to become a leading R&D Center for cutting-edge research and innovation in micro and nano technologies.



# About Shri B.V. Patel Education Trust

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.

Learn More: [www.bvpedutrust.com](http://www.bvpedutrust.com)

## Objectives of Workshop

1. **Acquire hands-on competence** in operating SEM and AFM instruments, including sample testing, image acquisition, and data interpretation, enabling direct application in individual research and project work.
2. Build a **clear conceptual and practical understanding** of surface characterization techniques to analyze microstructural and nanoscale features relevant to health sciences, nanotechnology, and materials research.
3. Strengthen **independent research capability** by learning complete microscopy workflows—from fundamentals to advanced analysis—thereby improving readiness for experimental research, publications, and industry-oriented consultancy tasks





# Schedule of Workshop

## Day 1 - 25th February, 2026

10:00 AM - 10:30 AM	Registration
10:00 AM - 10:30 AM	Breakfast
10:30 AM - 12:00 Noon	Introduction to Surface Characterisation in Material Science
12:00 Noon - 01:00 PM	Lunch Break
1:00 PM - 02:30 PM	Scanning Electron Microscopy: Fundamentals and Applications
2:30 PM - 3:00 PM	Tea Break
3:00 PM - 4:00 PM	Operational Training in SEM for Surface and Microstructural Analysis
4:00 PM - 4:30 PM	Q & A

## Day 2 - 26th February, 2026

09:30 AM - 10:00 AM	Breakfast
10:00 AM - 12:00 AM	Hands-On Training in Atomic Force Microscopy for Surface Analysis
12:00 Noon - 01:00 PM	Lunch Break
1:00 PM - 4:00 PM	Hands-on Training on Testing, Image Analysis and Data Interpretation using SEM
4:00PM- 4:30PM	Q & A

## Day 3 - 27th February, 2026

10:00 AM - 10:30 AM	Breakfast
10:30 AM - 12:00 Noon	Atomic Force Microscopy: Fundamentals and Applications
12:00 Noon - 01:00 PM	Lunch Break
01:00 PM - 3:45 PM	Hands-on Training on Image Analysis and Data Interpretation using AFM
03:45 PM- 04:15 PM	Q & A, Feedbacks and Closing Remarks

# **SCAN & REGISTER NOW!!!**



## **12 Seats Only**

### **Last Date to Register: 10th February, 2026**

#### **Conveners**

**Prof. (Dr.) Unnati Joshi,**  
Chief Research Officer,  
Faculty of Engineering & Technology,  
Parul University

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

#### **Coordinators**

**Dr. Mahendra Singh Rathore,**  
Associate Professor (Research Cadre),  
Faculty of Engineering & Technology  
Parul University

**Dr. Vishal Mehta,**  
Associate Professor (Research Cadre),  
Faculty of Engineering & Technology  
Parul University

## **Micro-Nano R&D Center**

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