

A Workshop
on
“Electron Microscopy (TALOS F 200 I FEG-TEM and Nano Nova 450 FEG-SEM & Energy
Dispersive Spectroscopy)
October, 27-28 and 29, 2026

Organized by



Sophisticated Instrumentation Centre for Applied Research & Testing
(Accredited by NABL, Recognized by DSIR & Sponsored by DST)

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BV Patel Education Foundation, Ahmedabad
www.bvpedufoundation.com
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Venue
Sardar Patel Centre for Science & Technology
Sophisticated Instrumentation Centre for Applied Research & Testing (SICART)
(SAIF Centre Sponsored by DST, Govt. of India)
Vallabh Vidyanagar – 388 120
Dist: Anand, Gujarat
Phone: (02692) 234966

Vallabh Vidyanagar

Vallabh Vidyanagar was established with a noble idea conceived by the “Iron Man of India” of spreading education in the rural areas of Gujarat. Today, V. V. Nagar is recognized as the education hub of Gujarat and numerous institutes are offering traditional and professional educational programs. V. V. Nagar is a place of attraction for students from various parts of the country. Culture here is a nice blend of various traditions across the country, but still preserves the fragrance of a rural Gujarat.

Charutar Vidya Mandal (CVM)

CVM is the largest educational trust in Gujarat State. It was established in 1945 by eminent engineer Shri Bhailalbhai Patel and eminent educationalist Shri Bhikhabhai Patel. CVM established the educational township “Vallabh Vidyanagar” in 1946. It also established about fifty educational institutes from primary schools to University. CVM University was established in 2020. CVM is recognized by DSIR, Govt. of India, as Scientific and Industrial Research Organization (SIRO). SICART was established by CVM in the Year 1998.

SICART

Sophisticated Instrumentation Centre for Applied Research & Testing (SICART) is managed by Charutar Vidyamandal (CVM) and sponsored by Department of Science & Technology (DST), Govt. of India under DST Scheme “Sophisticated Analytical Instrument Facility (SAIF)”. A broad range of state-of-the-art analytical instruments are housed in about 10,000 square meters area under one roof. SICART offers advanced analytical instruments for Testing needs of academia, R&D Organizations, and industry. SICART is recognized by the Department of Scientific and Industrial Research (DSIR), it is NABL accredited and FDCA approved and GPCB Schedule I Auditor, ensuring high-quality research and testing services. SICART is equipped to handle the analysis of wide variety of materials that include chemicals, new molecules, drugs, medicinal plants, plastics, polymers etc.

Center has following analytical instruments: UV-VIS-NIR Spectrometer, FT-IR Spectrometer, HPLC, GPC, GC, GC-HS, GC-MS, HPTLC, LC-MS-MS, 400 MHz FT-NMR, ICP-OES, Laser Particle Size Analyzer, C,H,N,S&O Analyzer, Thermal System (DSC, TGA, STA & DTA), X-Ray Diffractometer (XRD), Wavelength Dispersive X-Ray Fluorescence Spectrometer (WD-XRF). FEG-SEM with EDS, HR –TEM with EDS.

BV Patel Education Foundation, Ahmedabad

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. Vision and Mission of the Foundation are to organize and conduct educational programs in the field of pharmacy and allied sciences and to support pharma industry and academia with skilled manpower, scientists, technocrats and management professionals. To achieve this aim, the Foundation organizes Hands on Training Workshops, Faculty Development Programmes, Technician Development Programmes with various Universities, Colleges, Private Laboratories, Companies and institutions across India. The Foundation also conducts Certificate Courses for pharma and allied science graduates to prepare them for industry oriented skilled human resources. The Foundation is also working to come up with innovative programmes to support students and promote educational activities across India in healthcare.

For details, visit: www.bvpedufoundation.com (www.bvpedutrust.com)

About the Workshop

Attending the State Level Workshop on Electron Microscopy "FEG-TEM and FEG-SEM with EDS" at SICART offers numerous benefits. Participants gain in depth understanding with two advanced Electron Microscopy techniques: which are crucial for surface morphology and internal morphology and Energy Dispersive Spectroscopy (EDS) analysis. The workshop will provide opportunities to learn from experts, enhancing understanding of instrumental operations, data interpretation, and applications. These techniques have application in various fields like chemicals, pharmaceuticals, material science, Life Science, biomedical and semiconductor materials. It fosters networking with peers and professionals, encouraging collaborative research and innovation. Such workshops also help in staying updated with the latest advancements, boosting academic and career growth.

Who will benefit

Master students, Ph.D scholars and Research scientists are encouraged to take part in the workshop. They will get exposure to the instruments.

Chief PATRON

Er. Bhikhubhai B. Patel, Chairman, CVM

Co-PATRON

Dr. S. P. Adeshara, Director, BVPEF

Convener

Dr. R. H. Parikh, Hon. Director, SICART

Dr. Manish Nivsarkar, BVPEF

Co-convener

Dr. J. V. Patel, Deputy Director, SICART

Dr. Neeta Shrivastava, BVPEF

Organizing Secretary

Dr. Vikas Patel (SICART)

Organizing Committee

Dr. Dhara Desai (SICART)

Dr. G. R. Chauhan (SICART)

Ms. Dhanvi Patel (SICART)

Mr. Abhirajsinh Rajput(SICART)

Contact for Registration:

Dr. Vikas Patel

email: workshop@sicart.res.in

web site: www.sicart.res.in

Mobile No. – 9904728165

REGISTRATION

- For registration, please click following link & fill in the details
- **Registration Link:** <https://forms.gle/A6cNhFBj35DTotaZA>
- Registration fees to be paid online.

Bank Details:

Payee Name: SICART

HDFC bank a/c: 50200061588363

IFSC code: HDFC0009500

Branch: NEW VALLABH VIDHYANAGAR

- Please share the receipt of Payment with details of your name and mobile number to given mail id: workshop@sicart.res.in

Registration Charges for Participants (Including GST)

Student	Rs. 2,000/-
Faculty	Rs. 2,500/-
Industry	Rs. 4,000/-

Note:

- Enrollment is restricted to 15 participants on first come first served basis.
- Cancellations will not be accepted but substitutions may be made at any time.
- Fees include workshop material, lunch and tea/coffee on all days.
- Accommodation can be arranged on chargeable basis in twin sharing room. Participants can contact Mr. N. C. Solanki (Mobile Number: +91- 9913086583) for further details regarding accommodation.
- At the end of the workshop, Certificate of Participation will be issued to all participants.
- Registration over telephone/e-mail will not be accepted.
- Last date for registration is 15th October, 2026.