



WORKSHOP ON

X-RAY DIFFRACTION

BY

SHRI B. V. PATEL EDUCATION TRUST, AHMEDABAD

IN ASSOCIATION WITH

CHARUTAR VIDYA MANDAL'S

SOPHISTICATED INSTRUMENTATION CENTRE FOR APPLIED
RESEARCH & TESTING (SICART) VALLABH VIDYANAGAR



9th & 10th Feb,
2026

AT

SICART Behind V.P. & R.P.T.P. Science College, SICART,
Charutar Vidya Mandal Vallabh Vidyanagar –
388120, Dist: ANAND, GUJARAT, INDIA

BACKGROUND AND OBJECTIVES

Hands-on Training on 'X-ray Diffraction' is a collaborative effort of Shri B.V. Patel Education Trust (BVPET) and SICART-CVM as a part of Continuing Education (CE) Programme.



X-Ray Diffraction is an essential analytical technique to determine the structure and crystalline nature of materials under study. The Scope of this workshop is to acquaint participants with theoretical basis as well as practical applications of Powder X-ray diffraction technique. Training will be conducted by experts in the Field.

HIGHLIGHTS: ☒

Sample Preparation ☒

Introduction to the instrument, Software and hardware. ☒

Analysis, Data Collection and Interpretation.

Trouble shooting

ABOUT THE INSTITUTES

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 programmes etc. The Trust also conducts Shri B.V. Patel Essay Competition annually where students / academicians / industry professionals from various field participate. In addition to it, the Trust also organises Shri B.V. Patel Memorial Lecture every year in 'Indian Pharmaceutical Congress' (IPC), where the winners of the 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.

SICART - Sophisticated Instrumentation Centre for Applied Research & Testing is a DST sponsored SAIF centre managed by Charutar Vidyamandal (CVM). SICART holds number of high end instruments which caters the testing needs of academia, R & D organizations and Industries. SICART has broad range of state-of-the-art analytical instruments under one roof. Facilities for accurate, prompt and cost-effective analysis and testing. Trained and qualified staff for sample preparation, testing and interpretation. SICART is recognized as a Research Centre by the Department of Scientific and Industrial Research, DSIR, New Delhi. About 10000 square meters covered for state-of-the-art facility including instrument rooms, laboratories, office space, computer rooms, meeting rooms and supporting infrastructure etc. SICART is a NABL accredited and FDCA approved laboratory.

Patrons

Er. Bhikhubhai B Patel, Chairman, CVM
Dr. S. P. Adeshara, Chairman, BVPET

Conveners

Dr. R. H. Parikh, Director, SICART
Dr. Manish Nivsarkar, Director, BVPET

Program Coordinators

Dr. Jigar V. Patel, SICART
Dr. Neeta Shrivastava, Deputy Director,
BVPET

Workshop Coordinator

Mr. Ravi Gohel, Technical Assistant,
SICART

Registration

- Registration Fee: Rs. 1180/- (Rs.1000/- Registration Fees + Rs. 180 GST)
- Enrollment is restricted to 15 participants on first come first served basis.
- Fees include workshop material, lunch and tea/coffee. It does not include dinner and accommodation.
- Cancellations will not be accepted, but substitutions may be made at any time.
- Accommodation with dinner can be arranged on a chargeable basis in twin sharing room. Participants can contact Mr. Ronak Solanki (Mobile number 9106928671) for further details regarding accommodation.
- At the end of the course Certificate of Participation will be issued to all participants.
- Registration over the telephone/ e-mail will not be accepted without receipt of fees.
- Last date for registration is 24th Jan, 2026
- For any query related to registration, please contact Mr. Ronak Solanki (9106928671)

Registration Fees: To be paid online

- Payee Name: DIRECTOR, SICART, HDFC bank A/C : 50200061588363, IFSC code: HDFC0009500
- Branch: NEW VALLABH VIDHYANAGAR

Registration Link



For further information contact:

Name : Mr. Ravi Gohel
Mo. : 8511654377
Email : rrg@sicart.res.in
Website : www.sicart.res.in

Name : Mr. Georgee Varghese (BVPET)
Mo. : 9974893421
Email : administration@bvpedutrust.com
Website : www.bvpedutrust.com