



ABOUT SVNIT

The institute, one of the pioneering engineering institutions of the country, was established in 1961 as Sardar Vallabhbhai Regional College of Engineering & Technology and was given a status of National Institute of Technology, in 2002. At present, there are six undergraduate courses, seventeen postgraduate courses and Ph.D. programmers in all disciplines of engineering and applied sciences. It has an excellent placement record with a number of top-ranking companies visiting the campus. The whole campus has connectivity of the internet with fiber optic network including faculty quarters and student hostels.

ABOUT THE DEPARTMENT (S)

The Department of Chemistry was established in 1962. The Department of Chemistry is a dynamic multidisciplinary academic and research center of the institute in all fields of chemical sciences. The emphasis at the curricular level is to provide a broad coverage of all branches of chemistry. The department is offering Five Years Integrated Course in Chemistry where student are obtaining a thorough fundamental knowledge of organic, inorganic and physical chemistry apart from the specialized courses including computational, industrial, analytical, materials chemistry, polymer chemistry and allied chemical sciences. The department also imparting education of engineering chemistry to B. Tech.-I and B. Tech.-II (Chemical Engineering) students.

The department has 14 highly enthusiastic faculty members who are significantly contributing their expertise in the field of Science and Technology.

Till date, the Department has produced more than 50 Ph. D. students in different areas of chemical sciences and currently 62 students are perusing Ph. D. in the department. It is one of the leading Department of the Institute in terms of research output.

Chemical Engineering Department of S. V. National Institute of Technology, Surat was started in 1995. The Department has built up a comprehensive research infrastructure with topnotch facilities for carrying cutting-edge teaching and research. The department strives to provide facilities and environment that are conducive for creative and dynamic work. The Department is fully equipped with modern equipment's and computer facilities which are being entertained by trained and experienced faculties.

PATRON

Prof. Anupam Shukla
Director, SVNIT Surat

COORDINATORS

Dr. Ritambhara Jangir
Dr. Sarita Kalla
Dr. Arup K. Ghosh

ABOUT CCE

Center for Continuing Education (CCE) was established in Feb-2017 at SVNIT with prime objective to imparting skill developing training programs to faculties, research scholars, UG/PG students, industry professional through planning and organizing Workshop/STTP/Expert talks on the concept of Self-Sustainability approach as per MHRD Guide-lines.

WHO CAN ATTEND?

- Academician
- Research Scholars
- Industry persons
- UG & PG students
- Staffs/supporting staffs

One –week WORKSHOP ON Hands-on Training on High-end Scientific Equipments (HTHSE-2022)

28th November – 02nd December, 2022

Time: 10:30 AM onwards



Coordinators

Dr. Ritambhara Jangir | Dr. Sarita Kalla | Dr. Arup K. Ghosh

Organized by



**Department of Chemistry and Department of
Chemical Engineering
S. V. National Institute of Technology
Surat 395007
Gujarat, India**

**In Association with the
CCE, SVNIT**



PROGRAMME OBJECTIVE

The objective of the workshop is to introduce cutting-edge experience of the sophisticated instruments to the M.Sc./M.Tech. students and Ph.D. scholars. The high-end instruments are employed regularly in fields like Chemistry/Chemical Engineering/Mechanical Engineering/Civil Engineering/Physics.

The above mentioned training will provide insights and opportunities to the highly motivated research scholars to implement their research activities. The different in-house and outside experts from industries and academic institutions will be invited to deliver lectures and share their practical knowledge with the participants.

The provide a platform to the participants for effective interaction with experienced faculties and industry delegates.

COURSE CONTENTS

- Training on different scientific instruments and related techniques such as X-Ray Fluorescence (XRF), Powder X-ray Diffraction (PXRD), High-Performance Liquid Chromatography (HPLC), Flash chromatography, Dynamic light scattering (DLS), UV-Visible, FT-IR, Near-infrared spectroscopy (NIRS), Scanning Electron Microscopy (SEM), *etc.*
- Sample preparation techniques and related softwares followed by data analyses.
- To introduce cutting-edge knowledge to the M.Sc./M.Tech., and Ph.D. students about the sophisticated instruments.
- To provide insights and opportunities to the highly motivated research scholars to implement their research activities.

REGISTRATION AND FEE PARTICULARS

Last Date of Registration: 26th November, 2022

Registration Fee Details

UG/PG/Ph.D. Scholars : 1500/-

Faculty : 2000/-

Engineering/Professionals: 5000/-

Details of account for Program Fee Submission:

Account Holder name: **Director, SVNIT-CCE**

SBI Account Number: **37030749143**

Branch Name: **SBI, SVRCET Branch**

Bank IFSC : **SBIN0003320**

SCAN & PAY



[Click here for registration](#)

RESOURCE PERSONS

The hands-on training followed by lectures in the workshop will be delivered by distinguished technical office bearers from various national and international companies of scientific instruments and academic experts in the area of science and technology from reputed academic institutions and universities.

ORGANIZING COMMITTEE

PATRON

Prof. (Dr.) Anupam Shukla
Director, SVNIT

HEAD of the DEPARTMENT(s)

Dr. Suresh Kumar (DoC) | Dr. M.A. Desai (DoChE)

COORDINATORS

Dr. Ritambhara Jangir
Dr. Sarita Kalla
Dr. Arup K. Ghosh

Contact Details:

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Contact : +91- 7506144582
+91- 9001345237
+91-79807698287

Note: The maximum number of participants is limited to 50 and the registration will be on first come first serve basis.

Last Date of Registration: 26th November, 2022