

## Registration Fees

Practicing Engineers/Professionals:	Rs. 2,950/-
Academicians/Scientists/Researchers	Rs. 2,360/-
Students (UG)	Rs. 590/-
Students (PG/PhD)	Rs. 885/-

- The above fees include all instructional materials, free internet facility, working lunch, tea and snacks.
- The course fee is inclusive of 18% GST as per institute norm.
- The participants may avail single bedded shared accommodation, if requested in advance, on an additional Payment basis.

### About Institute:

Sardar Vallabhbhai National Institute of Technology, Surat was established in 1961 as one of the RECs for imparting technical education in Civil, Mechanical and Electrical Engineering. In the year 1983-84 the Under Graduate programmes in Electronics Engineering was introduced and in the year 1988-89 the UG programmes in Computer Engineering and Production Engineering was started. In the year 1995-96, UG programme in Chemical Engineering was introduced. In exercise of the powers conferred by section 3 of the University Grants Commission (UGC) Act, 1956, the Central Government on the advice of the University Grants Commission, has declared the Sardar Vallabhbhai Regional College of Engineering & Technology (SVREC), Surat to Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat with status of "Deemed University" with effect from 4th December 2002. The Institute has been granted the status of 'Institute of National Importance' w.e.f. Aug. 15, 2007.

### Patron

**Prof. (Dr.) Anupam Shukla**

Director, SVNIT, Surat-395 007

### Conveners

**Dr. Mousumi Chakraborty**

Head & Professor, Chemical Engg Dept.,  
SVNIT, Surat- 395 007

**Dr. Arvind Kumar Mungray**

Professor, Chemical Engg. Dept., SVNIT,  
Surat- 395 007



### Couse Coordinators

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Asso. Professor, Chemical Engg Dept.,  
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**Dr. V.N.Lad**

Professor, Chemical Engg Dept., SVNIT,  
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**Dr. Jogender Singh**

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**Dr. Parag Thakur**

Asst. Professor, Chemical Engg Dept.,  
SVNIT, Surat- 395 007

## Hybrid mode Short Term Training Program (STTP) on **Instrumentation Techniques for the Environmental Remediation & Hands-on Training** (ITER-2024)

**(9<sup>th</sup> to 13<sup>th</sup> May 2024)**

### OBJECTIVES OF STTP

The aim of ITER 2024 is to provide a forum for academicians, engineers, scientists and practitioners from all around the world to study and have hands on practice of sophisticated instruments used for the environmental remediation and other allied areas. This short term training program will also provide opportunities for the delegates to establish business and research relations, and to find partners for future collaboration.



**DEPARTMENT OF CHEMICAL ENGINEERING**  
**SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY**  
Ichchhanath, Surat, Gujarat-395 007

## About Department:

Established in 1995, the Department of Chemical Engineering, SVNIT, Surat offers programmes leading to Bachelor's, Master's and Ph.D. Degree in Chemical Engineering. The department is proud to have a strong faculty-student relation. The department has built a comprehensive research infrastructure with some top-notch facilities for carrying cutting-edge research. The department strives to provide conducive environment for creative and dynamic research work. The faculty members are granted several R&D projects from organisations like DST, SERB, GUJCOST, CSIR, etc. and have high quality research publications and patents. The department actively conducts faculty development programmes, short term training programmes and workshops for engineering faculty and industry personnel. Currently, the Department has 18 faculty members with expertise in various domains of chemical engineering having focus on sustainable and greener approach in the field of chemical engineering.



## Hand-on Experiments on:



**Dynamic light Scattering (D.L.S.)** Equipment for nanoparticle size measurement and zeta potential analysis.



**Contact Angle Measurement Equipment** for the measurement of surface tension and wettability of fluids.



**Nitrogen Analyzer** used for the detection of nitrogen in liquid or organic samples.



**Photometer** used for the photometric analysis and measurement of pH and other operational parameters.



**Fourier transfer Infrared (FTIR)** used for to identify organic, polymeric, and, in some cases, inorganic materials.

This instrument is useful to develop the new products and detection of impurity.



**Electro-chemical Workstation** used for the electro-chemical analysis and electro-chemical parameter analysis.



**Ultraviolet-visible (UV-Vis) Spectroscopy** used in basic research, quality control, chemical,

Pharmaceutical, education, life science, and food and beverage communities.

- Hands-on experiments of hollow fiber membrane synthesis using the lab-scale membrane synthesis machines, ultrasonication equipment. Rheology machines.
- Equipments used for the water and wastewater quality like COD/BOD, nutrients, DO will be covered in detail.
- Various equipment used in the nanoparticle synthesis, membrane synthesis, and microbial fuel cell operations will be covered in the training program.
- All lectures/Practical will be conducted by the resource personnels from the IIT/NIT/CSIR laboratories.
- Registrations will be on first come first serve basis as seats are limited.



## How to Apply:

- Interested person need to pay the registration fees by NEFT/IMPS/UPI to following bank details/QR code
- For confirmation of registration, fill out following google form:

[https://docs.google.com/forms/d/e/1FAIpQLSeS9oUE25NH\\_XkfmTX4mVBvtvcwnQjyDmFeq6Jk3GTC9R4VhQ/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpQLSeS9oUE25NH_XkfmTX4mVBvtvcwnQjyDmFeq6Jk3GTC9R4VhQ/viewform?usp=pp_url)

**ACCOUNT NUMBER: 37030749143**

**IFSC Code: SBIN0003320**

**NAME (in favor of): Director, SVNIT-CCE**



## CONTACT

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