



# TEQIP-3

Technical Education Quality Improvement Programme



## TEQIP – III SPONSORED ONE WEEK SHORT TERM TRAINING PROGRAMME

ON

### “RECENT TRENDS IN ENERGY AND ENVIRONMENT”

06<sup>th</sup> – 10<sup>th</sup> January 2020

Organized by

Department of Chemical Engineering  
Sardar Vallabhbhai National Institute of Technology, Surat (Gujarat)

#### About the Programme

Research on energy and environment focus on the generation, storage, efficient utilization of natural resources and their interactions. While the research output explores new technologies to improve the efficiency of various energy systems and minimizing the environmental footprints, it still requires significant effort to achieve the desired outcomes.

In this regard, this STTP will provide an insight to the participants about various energy efficient and environment friendly techniques to overcome energy crisis along with practical sessions, for better living with sustainable environment. The key topics that will be covered in the programme are as follows:

- ✓ Solar energy
- ✓ Fuel cells
- ✓ Hydrogen energy
- ✓ Solid waste management
- ✓ Industrial waste treatment
- ✓ Hazardous waste treatment
- ✓ Biomass Energy
- ✓ Nano-filtration
- ✓ High energy materials

#### Contact details

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Sardar Vallabhbhai National Institute  
of Technology, Surat (Gujarat) 395007  
Email: [rtee2020@gmail.com](mailto:rtee2020@gmail.com)

#### SOME FEATURED SPEAKERS



Dr. Arup Rath  
NCL, Pune



Dr. Ritesh Vyas  
Metrohm India Ltd



Dr. Ratnakumar  
Sr. Environmental  
consultant



Deepak Vishwakarma  
Dharamsi Morarji  
Chemicals

Along with  
speakers from  
reputed R&D  
organizations  
and SVNIT

#### Patron

Prof. S. R. Gandhi  
Director, SVNIT, Surat

#### Chairman

Prof. Mausumi Mukhopadhyay  
Head, Department of Chemical Engineering,  
SVNIT, Surat

#### Coordinators

Dr. Jignasa V. Gohel (Ph: 8200065066)  
Dr. Sundar S. K. (Ph: 9869607692)  
Dr. Vineet Kumar Rathore (Ph: 8433190809)



### About the Institute

The Institute was initially established as Sardar Vallabhbhai Regional College of Engineering & Technology in 1961 and was upgraded as a National Institute of Technology with the status of “Deemed to be University” in 2002. The Institute has been granted the status of ‘Institute of National Importance’ w.e.f. Aug. 15, 2007. It is offering seven undergraduate, eighteen postgraduate programmes, three M.Sc. five years integrated programme and Ph.D. programme in all disciplines of engineering and applied sciences. Special attention is given to interdisciplinary research. SVNIT has an excellent placement record with a number of top ranked companies visiting the campus every year.

### Registration Fee

Research scholars – 500 INR  
Faculty – 1000 INR  
Industry personnel – 1500 INR

### Payment of Registration Fee

Application in the prescribed format with registration fee in the form of Demand Draft drawn in favor of “Director, SVNIT, TEQIP IRG”, payable at Surat, must reach the coordinators’ on or **before 02<sup>nd</sup> January 2020**. Registration fee includes registration kit, breakfast, tea and lunch during the program. Fee is non-refundable. Selected candidate will be informed by email as per the schedule. Certificates will be issued to the participants only after attending the complete course.

### About the Department

Chemical Engineering Department of SVNIT, Surat was started in 1995. The department has a comprehensive research infrastructure with top-notch facilities for carrying cutting-edge teaching and research. The department strives to provide facilities and environment that are conducive for creative and dynamic research work. The department is fully equipped with modern equipments, computer facilities and experienced faculty. Currently, the department has 19 faculty members with expertise in various domains of chemical engineering.

### Registration Form

Full name:

Gender: M/F

Designation:

Organization:

Address of correspondence:

Phone (O):

Mobile:

Email:

Accommodation required: Yes / No

Payment details:

DD No:

Amount:

Bank:

Date:

### Declaration

I shall attend the training program for the entire duration. I also undertake the responsibility to inform the coordinator sufficiently in advance, in case I am unable to attend the training program.

Signature of  
applicant

Signature of  
Head of the Institute

### Targeted Participants

This programme welcomes faculty and research scholars from engineering, science and allied areas from higher educational institutions and industries across India and encourages attendance from:

- ✓ Academicians
- ✓ Researchers
- ✓ Industrial personnel
- ✓ Decision making authorities from various bodies

### Note

1. Maximum number of participants is limited to 30 on first come first serve basis.
2. Limited accommodations are available in institute guest house and will be provided on payment basis.