

CALL FOR PARTICIPATION

One week
Short Term Training
Programme (STTP)
Hybrid (Online and Offline mode)

Computational Techniques
for Physical Science &
Engineering
(CTPSE-2022)

19-23 September 2022
Under
CCE, SVNIT



Organized by
Department of Mathematics &
Humanities (DoMH),
Department of Physics (DoP),
S.V. National Institute of Technology
Surat – 395 007 (Gujarat), India

Registration fees

Category	Registration Fees	GST 18%	Total
Faculty members	Rs. 2000/-	Rs. 360/-	Rs.2360/-
Research/PG students	Rs. 1000/-	Rs. 180/-	Rs.1180/-
Industrial person	Rs. 4000/-	Rs. 720/-	Rs.4720/-

The non-refundable registration fees should be sent through internet (NEFT). Accommodation will be provided on payment basis (first come first basis). Bank details for online transfer of registration fees:

Bank Account Name: Director,
SVNIT-CCE

SBI Account No.: 37030749143

Bank Name: State Bank of India

IFCS Code: SBIN0003320

Branch: SVRCET Branch



Last Date of Registration

The Hard copy of the duly filled registration form send to the Coordinator on or before 15 September 2022.

GOOGLE REGISTRATION FORM LINK

STTP on Short Term Training Program
Hybrid (online and offline mode) on
Computational Techniques for Physical
Science & Engineering (CTPSE-2022)
19-23 September 2022

S. V. National Institute of Technology,
Surat, INDIA

Name: _____

Sex: Male / Female

Date of Birth : ____ / ____ / ____

Designation: _____

Affiliation: _____

Highest qualification: _____

Mailing Address: _____

Tel: _____

E-mail: _____

(Gmail account)

Details of the Demand Draft/Online
Transfer:

Amount: Rs. _____ Ref No: _____

Issuing Bank.: _____ Date: _____

Date: _____ Signature of Applicant

About Surat City

Surat city is situated on the bank of holy river Tapti, is a top ranking industrial and yet green city of the country with a network of flyovers and clean wide roads. It is well known worldwide for textile, Zari & Diamond industries. Several large scale industries & establishments are located in and around Surat. It is situated on the main Western Railway route between Vadodara and Mumbai, at a distance of 129 km from Vadodara and 263 km from Mumbai. It has all modern facilities including Bus/Rail/Air connectivity.

About the Institute

Sardar Vallabhbhai Regional College of Engineering & Technology in 1961 and elevated as a National Institute of Technology in October, 2002. It has been accorded the status of an Institute of National Importance vide NIT Act 2007. SVNIT is one of the pioneering engineering institutions of the country which has nurtured many outstanding engineers in India & abroad. Institute runs seven UG programs, eighteen PG programs, Ph.D. program in all disciplines of engineering and sciences and 5 years integrated M.Sc. programme in Chemistry, Mathematics and Physics. The institute has an excellent placement record with a number of top ranking companies visiting the campus every year.

About the Program

STTP on Computational Techniques for Physical Sciences and engineer (CTPSE-2022) aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of computational techniques and Simulation in physical sciences. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Mathematical Modeling and Simulation in physical sciences.

Topics

- Scientific Computation based modelling
- Overview of Linux and Python programming
- High performance Computing
- Density functional theory
- Molecular Dynamics
- Monte-carlo Simulations
- Data Science
- Machine Learning

Eligibility

Faculty members from AICTE recognized institutes and Students pursuing PG Students & Ph.D from science and engineering background are eligible for the STTP. Industry personnel are also eligible to attend the STTP. Maximum 40 participants will be allowed to register. It is compulsory to attend all the session for the participants.

Resource Persons

Faculty members of IITs, NITs, SVNIT-Surat and other institutes of repute, and industry persons, reputed consultants will deliver lectures and impart the training.

Organizing Committee

Patron

Prof. Anupam Shukhla, Director, SVNIT, Surat

Coordinators

Prof. V.H. Pradhan, DOMH, , SVNIT, Surat
Dr. J. M. Dhodiya, DOMH, SVNIT, Surat
Dr. Yogesh Sonvane, DOP, SVNIT, Surat

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