

One Week
Short Term Training Programme (STTP) on

Quantum Computing

(QC 2026)

(Hybrid mode)

June 22-26, 2026

Coordinator(s)

Dr. Ranjan Kumar Jana, Dr. Lalit Kumar Saini,
Dr. Abhilash Mondloi, Dr. Areti Sivaiah
Dr. Vivek Garg, Dr. Anirban Bhattacharjee



Organized by

Department of Mathematics

Sardar Vallabhbhai National Institute of Technology,
Surat-395 007, Gujarat, INDIA.

in association with

Centre for Continuing Education (CCE), SVNIT

About the Program

Quantum Computing is a rapidly expanding and cross-disciplinary subject. The basic objective of this Short Term Training Programme is to imbibe theoretical foundation of this subject and promote its application in Applied and Engineering sciences. The program also incorporates a deliberate focus on problem solving skills, Hand on experience through software's. Further, the STTP provides a forum in which the participants obtain information about the recent advances in this subject and its applications resulting possible future collaboration.

About CCE

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

Program Faculty

The lectures in the STTP will be delivered by eminent personalities and experts in the area from reputed academic institutions and universities.

Course Content

Considering that the audience of this STTP comes from all disciplines of Engineering and Sciences, the topics to be covered in the program is listed below:

- ❖ Foundations of Quantum Technologies: Physics, Engineering, Mathematics and z Computing
 - ❖ Survey of Quantum technologies and Applications
 - ❖ Basic Programming Lab
 - ❖ Electromagnetic Theory
 - ❖ Introduction to Quantum Computation
- Extensive **problem solving, Computation & Simulations sessions** are also planned.

Eligibility for Participation

The training program will be conducted in hybrid mode i.e. both in offline (venue LT1, Near Admin. Building, SVNIT) and online mode. It is open to **faculty members** from any academic institutes (degree & diploma), **research scholars, UG & PG Students** (B. Sc., B. Tech., M. Tech., M.Sc.) and **industry personnel**. Participants are advised to keep laptops for hands on practice during the sessions. **E-certificates will be sent to the participants by email after successful completion of STTP.**

Boarding and Lodging

No boarding and lodging facility will be provided. Candidates have to arrange it by themselves.

For accommodation, you can explore:

<https://www.svnit.ac.in/web/guesthouse.php>
<https://www.svnit.ac.in/web/hostels1/narmad/>

About the Host Institute

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 eleven B.Tech. Programmes, twenty-one M.Tech. Programmes, three Five Years Integrated M.Sc. Programmes in Chemistry, Mathematics & Physics, One Five Years Integrated B.Tech and M.Tech Programme in AI and Master of Business Administration in Business Analytics. Institute offers Doctoral Degree Programme in Engineering, Science, Management and English. Institute also offers M. Tech. (Research) in all the engineering disciplines. 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

The Department of Mathematics has always believed in striving for excellence in research and teaching and succeeded in this endeavor to a large extent. Over the years, the department has evolved as one of the epicenters of research in Gujarat, India. In the pursuit for research the Faculty members of the department have covered a vast area such as Numerical & Classical methods in fluid mechanics, Special functions, Integral Transforms, Approximation theory, Operator theory, Operations Research, Fuzzy logic, Mathematical Modeling, Numeric of differential equations, fractional differential equations, Mathematical and Computational Biology, and Bioinformatics.trends, and concerns in the fields of Physical Sciences.

Registration Fee

Rs. 1770/- (1500+18%GST) for Faculty from academic institutions;

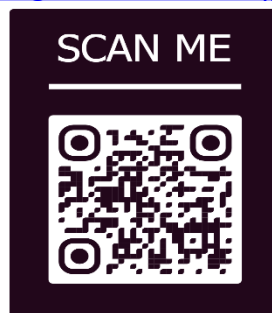
Rs. 1180/- (1000+18%GST) for Research Scholars & UG/PG students

Rs. 2360/- (2000+18%GST) for Industry personnel.

Registration Process

Registration link:

<https://forms.gle/C66RPC77Ghqpo6RWA>



The Last Date of Registration is **19th June, 2026, 23:59 Hr.**

Details of account for Fee Submission

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

SBI Account Number: **37030749143**

Branch Name: **SBI, SVRCET Branch**

Bank IFSC: **SBIN0003320**

Scan and Pay



Organizing Committee

Chief Patron

Director, SVNIT Surat

Patron

Head, DoM, SVNIT Surat

Coordinators

Dr. R. K. Jana, DoM

Dr. L. K. Saini, DoP

Dr. A. S. Mondloi, DoECE

Dr. A. Sivaiah, DoC

Dr. V. Garg, DoECE

Dr. A. Bhattacharjee, DoCSE

Address for Correspondence

Dr. Ranjan Kumar Jana,

Coordinator, QC 2026

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For more details and updates visit

<https://sites.google.com/amhd.svnit.ac.in/qc2026/home>

Please mention **“STTP QC 2026”** in the remark during payment.

