

**One Week Online Short-Term
Training Programme (STTP)
on
Recent Advancements in Security
and Quantum Computing
(RA-SQC-26)
14-18 December, 2026**



**Organized by the Department of
Computer Science and Engineering**



**S.V. NATIONAL INSTITUTE
OF TECHNOLOGY Surat,
Gujarat, India– 395007**

(An autonomous Institute under the aegis of the Ministry of
Education, Govt. of India)
website: <http://www.svnit.ac.in>

Introduction

Security and Quantum Computing have witnessed remarkable advancements in recent years, transforming industries and shaping the future of technology. Recent advancements in cryptographic models and decentralized systems have enabled robust data protection in applications ranging from healthcare to autonomous networks. Simultaneously, quantum computing is advancing capabilities in processing speed, algorithm design, and secure systems architecture. This STTP would provide participants with the opportunity to deepen their knowledge and learn to develop methods for solving problems across diverse computational fields using advanced security and quantum frameworks.

COURSE CONTENT

The program is focused on discussing various aspects of Security and Quantum Computing. The following are the topics to be covered in this program:

- Foundations of Cyber Security & Cryptography
- Information Security & Secure Software Engineering
- Blockchain & Distributed Ledger Technologies
- Authentication Protocols & Privacy Preserving Techniques
- Advanced Network Security & Named Data Networking
- Security in IoT, Cyber-Physical Systems & Smart Grids
- Introduction to Quantum Computing

- Quantum Gates and Circuits
- Quantum Circuit Optimization

RESOURCE PERSONS

Eminent academicians from IITs, IIITs, and NITs will deliver sessions with practical demonstrations.

ELIGIBILITY

Students/faculty members from academic institutes and universities, research scholars/UG, PG students, and industry personnel working in the concerned /allied discipline. Seats are limited to 50-60 participants. Selection will be based on eligibility and on a first-come, first-served basis. Certificates will be awarded to the participant who attends 75% of the sessions and successfully completes the STTP.

IMPORTANT DATES

Last date for Registration: 11 Dec 2026

REGISTRATION FEE

Participants Category	Registration Fee (Including GST)
Students: UG/PG/Ph.D	590 ₹
Academicians/Researchers	1,180 ₹
Industry Person/Engineers	2,360 ₹

ABOUT SVNIT SURAT

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 the status of National Institute of Technology in 2002. At present, there are 11 undergraduate courses, seventeen postgraduate courses, and Ph.D. programs in all disciplines of engineering and applied sciences. It has an excellent placement record, and many top-ranking companies visit the campus.

About Computer Science and Engineering

The department is running the UG program B.Tech. Computer Engineering since 1989, and M.Tech. Computer Engineering since 2006. The department has also offered Ph.D. programs since 2005. The department has well-qualified and dedicated faculty members with specializations in niche areas like AI, Motion Analysis, Robotics, Computer vision, Information security, Cloud computing, Image processing, Data Mining, wireless sensor networks, etc.

About Artificial Intelligence

The Department of Artificial Intelligence was established in 2023 to strengthen education and research in Artificial Intelligence, Machine Learning, Biometrics, Generative AI, NLP, Soft Computing, Computer Vision, and allied areas. Currently, the department offers B.Tech., 5-year IPG (B.Tech+M.Tech), and Ph.D. programs in AI.

PATRON

Prof. Anupam Shukla
Director, SVNIT Surat

CONVENER

Prof. Sankita Patel, HoD CSE, SVNIT

PROGRAM COORDINATOR

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LOCAL TECHNICAL COMMITTEE

Prof. D. C. Jinwala,	Prof. Dhiren R. Patel
Dr. Rupa G. Mehta	Prof. R. P. Gohil
Dr. B. N. Gohil	Dr. Dipti P. Rana
Dr. S. J. Patel	Dr. Shrikant Malviya
Dr. K. N. Jariwala	Dr. B. L. Parne
Dr. Sanjit Kumar	Dr. Abhinav Malviya
Dr. K. J. Parmar	Dr. Alok Kumar
Dr. Abhilasha Chaudhuri	Dr. Anugrah Jain
Dr. Siba Sankar Sahu	Dr. Sourajit Behera

REGISTRATION INFORMATION

Participants are requested to complete the registration process using the QR link. You are requested to upload the necessary documents after paying the registration fee.



<https://forms.gle/M75NYqHGqMMpa1yKA>

The non-refundable registration fee should be paid online through net banking to



“Director, SVNIT-CCE”
A/c No.: 37030749143,
State Bank of India,
SVCET Branch,
SVNIT Campus, Ichchhanath,
Surat,
IFSC: SBIN0003320.

While paying through net banking, the purpose should be written in the remarks as “RA-SQC-26 Registration Fee”. (Kindly save the receipt or take a screenshot of the payment).