

## About Anna University

Anna University was established on 4<sup>th</sup> September 1978 as a unitary type university. Its constituent colleges are the College of Engineering, Madras Institute of Technology, Alagappa College of Technology and School of Architecture and Planning. Anna University has a strong vision to impart excellence in education, research and societal service through highly dedicated and competent teachers who are also expert researchers in various emerging and cutting-edge technologies.

## About College of Engineering Guindy and the Departments

CEG is India's oldest engineering and technical institution established in 1794. The Department of Computer Science and Engineering (DCSE) provides world-class training and research opportunities, supported by state-of-the-art computing facilities. It fosters active industry-institute collaboration by engaging in sponsored research projects that addresses real-world challenges. DCSE has established the Centre for Cyber Security, promoting research, development, and specialized courses for various stakeholders. These initiatives enable students to excel academically and contribute to innovation and technological advancements.

## About SETS, Chennai

Established in 2002 under the guidance of the Office of the Principal Scientific Adviser to the Government of India, the Society for Electronic Transactions and Security (SETS) was conceived by A. P. J. Abdul Kalam to strengthen India's capabilities in information security and cryptology. SETS aims to become a premier R&D organization in Information Security. Its mission is to carry out directed basic research and develop advanced tools and techniques in cryptology and secure protocol, In collaboration with government organizations to promote collaborative R&D and product development.

## ORGANIZING COMMITTEE

### PATRON

**Dr. V. KUMARESAN**  
Registrar, Anna University

### CO-PATRON

**Dr. P. HARIHARAN**  
Dean, CEG, Anna University

### CONVENERS

**Dr. V. MARY ANITA RAJAM**  
HOD, DCSE, Anna University

**Dr. N. SUBRAMANIAN**  
Executive Director, SETS, Chennai

### COORDINATORS

**Dr. Prem Laxman Das**, Scientist 'F', SETS,  
Chennai.

**Dr. V. Natarajan**, Scientist 'E', SETS,  
Chennai.

**Dr. K. Saravanan**, Assoc. Prof., DCSE, CEG

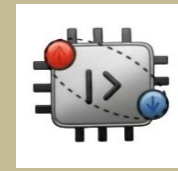
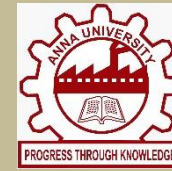
**Dr. C. Balaji**, Asst. Prof., DCSE, CEG

### STUDENT COORDINATORS

Calvin S, B.E. CSE, Jeffrin A, B.Tech. IT

Danish S, B.E. ECE, Varshini G, B.Tech.VLSI

( Society Of Quantum Computing – CEG )



**Department of Computer Science and  
Engineering, CEG &**

**Society for Electronic Transactions and  
Security (SETS), Chennai &**

**Centre for Cybersecurity – Anna University**

**Organizes**

**3-Day Workshop**

**on**

**QUANTUM INFORMATION AND  
COMMUNICATION  
TECHNOLOGIES (QICT)**

**5<sup>th</sup>-7<sup>th</sup> March 2026**



**Contact Us**

**DCSE, CEG Anna University - Chennai**

**Phone : +91 87544 97100**

**Email : soqcceg@gmail.com**

## About the Workshop

This three-day workshop introduces the rapidly evolving field of quantum technologies, focusing on advancements in quantum computing, quantum communication, and quantum security. Through structured lectures and conceptual demonstrations, participants will explore the principles of superposition, entanglement, quantum algorithms, and quantum key distribution, along with their applications in modern research and industry. Emphasis is placed on emerging quantum-safe cryptography and real-world deployment challenges, enabling participants to gain a balanced understanding of innovation, implementation, and future opportunities in the quantum era.

## Speakers:

Expert Speakers from Academic Institutions, Government R&D Laboratories and Industries.

## Topics to be covered:

- Fundamentals of Quantum Information Theory and Algorithms.
- Security Implications of Quantum Computing on Classical Cryptosystems.
- Secure Quantum Communication and Quantum Key Distribution.
- Post-Quantum Cryptography.
- Introduction to Quantum Programming Frameworks
- Future Directions in Quantum Technology

## Outcomes:

After the successful completion of the workshop, the participants will be able to:

- Analyze the implications of quantum technologies on existing cryptographic systems and understand post-quantum cryptography.

- Understand the implications of quantum key distribution (QKD) and its significance in building secure communication networks.
- Gain knowledge on various frameworks used in Quantum Computing.
- Develop awareness of the different domains in which Quantum Computing can have a profound impact.

## Instructions:

- No registration fees.
- Faculty members, research scholars and PG/UG students from engineering colleges, government officials, and industry personnel are eligible to apply.
- Participants will be selected on a first-come, first-served basis. Selected candidates will be informed by email, and confirmation must be sent by e-mail only.
- Registration for the workshop should be completed using the registration link, a signed copy of the registration form (PDF format only) must be uploaded.

## Venue:

Department of Computer Science and Engineering,  
College of Engineering Guindy,  
Anna University, Chennai – 25.



## Registration Link:

<https://forms.gle/1teFZ59DhfwQLJSUA>

## QUANTUM INFORMATION AND COMMUNICATION TECHNOLOGIES (QICT)

5<sup>th</sup> - 7<sup>th</sup> March 2026

## REGISTRATION FORM

1. Name :
2. Qualification :
3. Designation : Faculty / Research Scholar/ Student
4. Experience :
5. Institution / Organization:
6. Communication Address:
7. Mobile Number:
8. Email id :
9. Aadhar Number:

## DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the Workshop. I shall attend the Workshop for the entire duration. I also undertake the responsibility to inform the coordinators in advance if I am unable to attend the workshop.

Date:

Place:

Signature of the Applicant

## AUTHORIZATION CERTIFICATE

This is to certify that ----- is a regular Employee/Research scholar/Student of our institution/college and is hereby permitted to attend the Workshop.

Date:

Place:

Signature of the HOD/ Principal with Seal

