



A ONE-DAY NATIONAL WORKSHOP ON
**INTRODUCTION TO
PROGRAMMABLE
QUANTUM
CRYPTOGRAPHY**

MODE: HYBRID | 10:00 AM – 05:00 PM

Explore the fascinating world of Quantum Cryptography and learn how quantum principles are transforming secure communication. This hands-on workshop introduces the fundamentals and practical implementation of quantum key distribution and security.



EVENT DATE:
09 OCTOBER 2026 (FRIDAY)



TIME:
10:00 AM – 05:00 PM



VENUE:
TT144, OPTICAL COMMUNICATION LAB,
VIT VELLORE



SCAN TO
REGISTER

HIGHLIGHTS



Hands-on exposure to Quantum Cryptography concepts



Learn quantum key distribution principles



Understand real-world quantum communication security



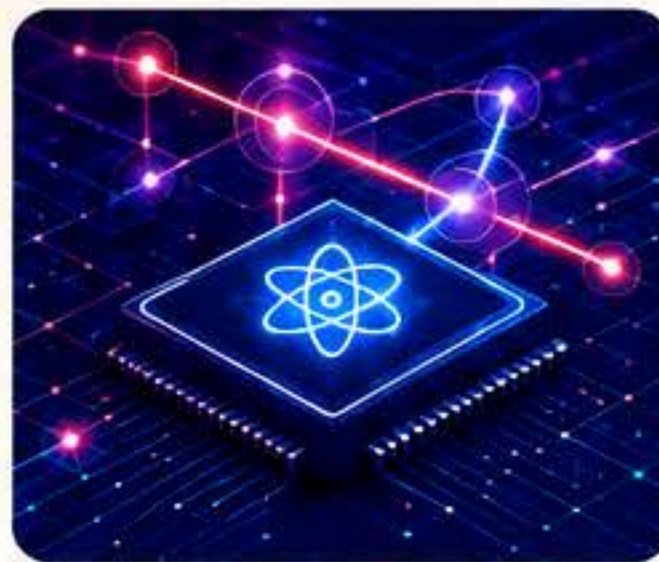
Interactive session with experts



E-Certificate will be issued to all registered participants

TOPICS TO COVER

- 1 Building a Classical Channel
- 2 Building and Characterising a Simulated Quantum Channel
- 3 Key Distribution, Sifting, and Usage
- 4 Eavesdropping of a Weak Quantum Cryptography Setup



WHO CAN ATTEND?



UG
Students



PG
Students



Research
Scholar



Faculty

ADVISORY COMMITTEE

Dr. Jasmine Pemeena Priyadarsini
Dean, SENSE
Vellore Institute of Technology, Vellore, India.

Dr. Kannadassan D
Professor & Head,
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COORDINATORS

Dr. Rajalakshmi S
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Dr. Poongudran Selvarapabhu
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REGISTRATION DETAILS



Registration Amount:
₹ 299/-
(Including 18% GST)



Registration Link:
<https://events.vit.ac.in/>



LAST REGISTRATION DATE:
08 SEPTEMBER 2026

REGISTRATION IS MANDATORY

E-Certificates will be distributed to all registered participants



QUANTUM KEY
DISTRIBUTION



PHOTON POLARIZATION
& ENCODING



QUANTUM CHANNEL
SECURITY



SECURE COMMUNICATION
WITH QUANTUM TECHNOLOGY

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