



VIT

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

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:

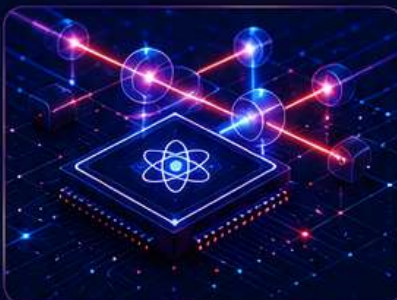
TT144, OPTICAL COMMUNICATION LAB,
VIT VELLORE



SCAN TO
REGISTER

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



ADVISORY COMMITTEE

Dr. Jasmine Pemeena Priyadarsini
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REGISTRATION DETAILS



Registration Amount:

₹ 299/-

(Including 18% GST)



Registration Link:

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



LAST REGISTRATION DATE:

07 OCTOBER 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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