# INTRODUCTORY COURSE ON QUANTUM COMPUTING

## Online Certification Course

Bits to Qubits

How to make Qubits?

Qubit States, Gates and Circuits

Rules of the Quantum World

Computing with Qubits

Quantum Communication

Quantum Simulations

Quantum Computation

Quantum Information

Q C Hardware
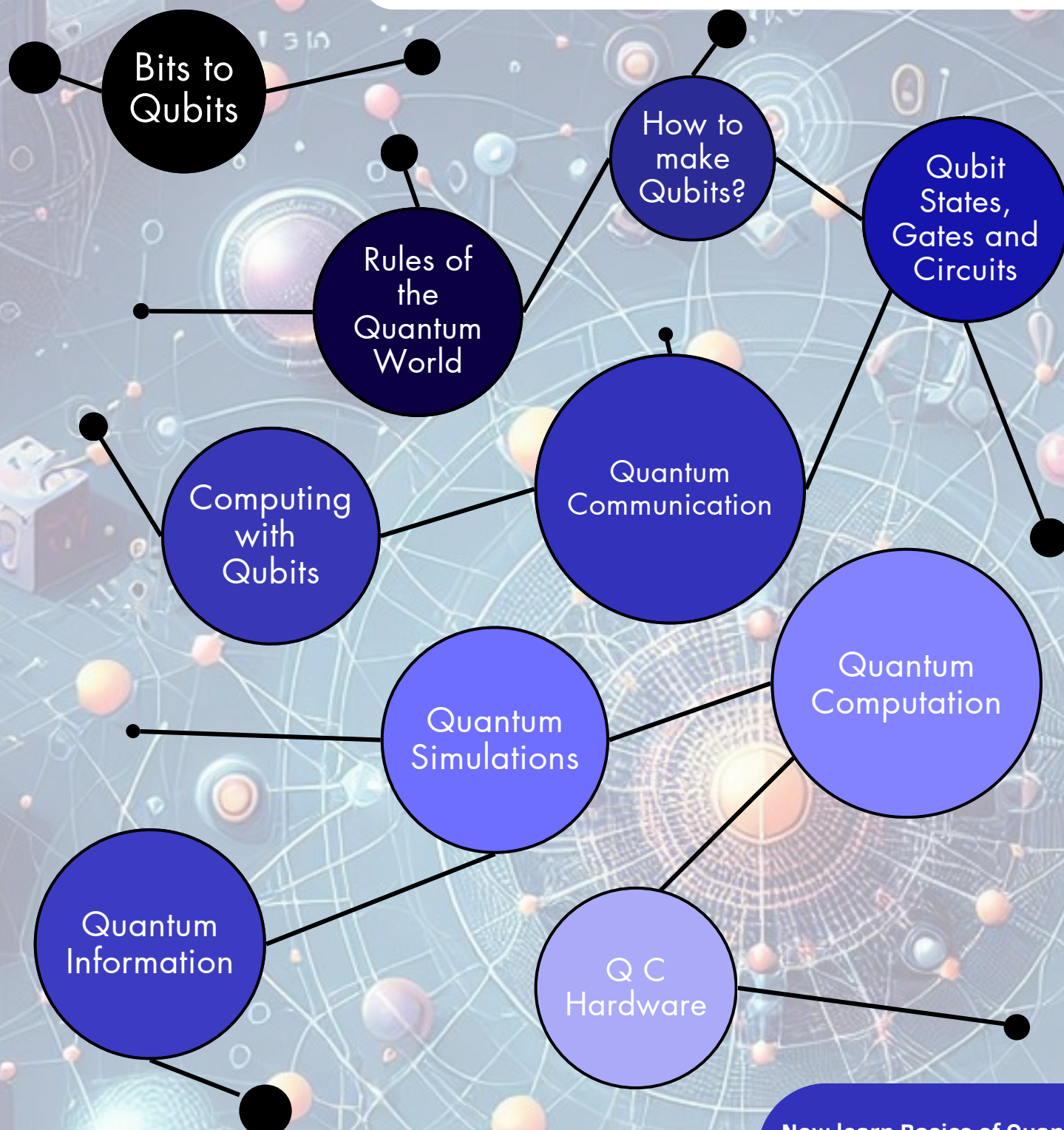
## COURSE MENTORS

**Prof. MS Santhanam**
**Professor Physics & Dean IRO IISER Pune**

**Prof. TS Mahesh**
**Professor Physics IISER Pune**

Now learn Basics of Quantum Computing at your own pace....
- **Video lectures accessible throughout the year**
- **Freedom to access one lecture multiple times**

# COURSE DETAILS

Quantum computers are expected to harness the exotic properties of quantum mechanics to perform calculations that are beyond the reach of present day classical computers. From drug discovery to optimizing supply chains to cryptography, quantum computing is likely to be the key disruptive technology of our generation, and would fundamentally alter the way we process data. This online certification course, delivered by frontline researchers in the field, offers a broad introduction to this rapidly evolving area. Irrespective of whether you are a curious beginner or a seasoned technology enthusiast, this course is designed to ignite your passion and expand your horizons.

Are you ready to leap into the future of computing?

- **Registrations Open throughout the year**
- **Duration: 10-12 hours**
- **Registration Fees:**
  **For Students**
  **INR 1500/-**
  **For Professionals**
  **INR 7500/-**

Scan to Apply

# CONTACT US :

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