







Online Certification Course

QUANTUM MATERIALS AND DEVICES

Crystal **Structure**

Electronic Structure & Quantum Effects

> Synthesis & Imaging of **Quantum Materials**

> > 2D Materials & **Heterostructures**

Dissipationless Quantum Transport

Materials for Quantum Technologies (Qubits to Data Storage)

> **Quantum Devices Fabrication**

COURSE DETAILS

Quantum materials defy the conventional laws of classical physics and exhibit extraordinary properties rooted in quantum mechanics. Research at the frontiers of physics, materials science, and engineering has meant that these exotic materials are now poised to deliver key technological advancements ranging from faster computers to fault-tolerant quantum computing and improved quantum sensors. If you are a curious student, or a professional with a college-level understanding of physical science or engineering, this online certification course is your gateway to understanding quantum materials and their technological applications.

Are you ready to dive into the captivating world of quantum materials and devices?

- Registration starts from: 1st May 2024
- Course Starts on: 31st May 2024
- **Duration: 12-14 hours**
- **Registration Fees:**

For Students

INR 1000/- (Incl of GST)

For Professionals INR 5000/- (Incl of GST)



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COURSE MENTORS



Dr. Ashish Arora Assistant Professor Physics **IISER Pune**



Dr. Ashna Bajpai **Associate Professor Physics IISER Pune**



Dr. Atikur Rahman **Associate Professor Physics IISER Pune**



Dr. Luminita Harnagea **Faculty Fellow** I-HUB QTF



Dr. Mukul Kabir **Associate Professor Physics IISER Pune**



Dr. Sreejith G. J.
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CONTACTUS

Course link: https://www.quantech.org.in/courses Email: courses@quantech.org.in













