M.Tech in Quantum Technology
A New program launched by IISc

The program will train students in quantum technology, for both advanced research and advanced industry.

Qubit generation and preparation   Interferometer and phase shifter matrix   Single photon Detector
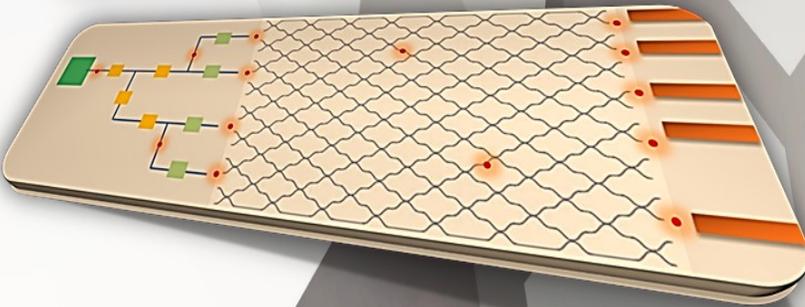
Photonic Quantum Processor.

Admission qualification

B.E/B.Tech./equivalent degree in any engineering discipline, or 4-year B.S./M.Sc./ equivalent degree in any science discipline.

A valid GATE score & strong mathematical background will be required.

This is a 2-year multi-disciplinary program, including a project at the end.

The program will have the following four thrust areas:

❖ Quantum Computation and Simulation
❖ Quantum Communications
❖ Quantum Measurement and Sensing
❖ Materials for Quantum Technologies
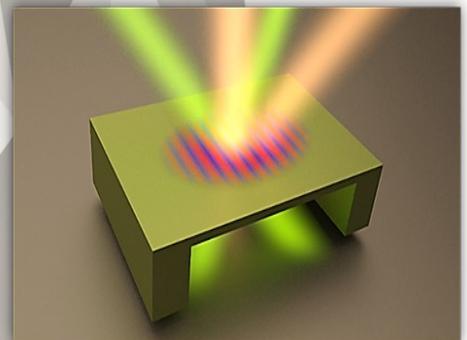
Schematic of transient grating.

Application Deadline: 31st March 2021 │ Semester Starts on August 2021
For more information on course structure, please visit our website

🌐 www.iqti.iisc.ac.in │ ✉ info.iqti@iisc.ac.in