



HARNESS UNCERTAINTY. DISCOVER CERTAINTY.

\*all timings are in IST

# IISc x Qiskit Fall Fest 2025

## EVENT SCHEDULE



**28** OCT  
TUESDAY

- 06:30PM** Introduction to Quantum Computing at IBM Quantum and Qiskit 101  
Janani A. | Virtual
- 08:00PM** Inaugural Talk  
L. Venkata Subramaniam | Virtual

**29** OCT  
WEDNESDAY

- 06:00PM** Fault Tolerant Quantum Computing using Error Correcting Codes  
Shraddha Singh | Virtual
- 07:00PM** Variational Approach for Optimization Problems on a Quantum Computer  
Ritajit Majumdar | Virtual

**30** OCT  
THURSDAY

- 06:00PM** Quantum Speed Limit and Quantum Computing  
Arun K. Pati | Virtual
- 07:10PM** Software Tools for Quantum Advantage  
Nate Earnest Noble | Virtual

**31** OCT  
FRIDAY

- 09:00AM** Quantum Technology: Directions and Prospects  
Apoorva D. Patel | In-person
- 10:00AM** Talk on Simulation Problems  
Chandrashekar CM | In-person
- 11:30AM** Introduction to QML  
Chiranjib Bhattacharyya | In-person
- 02:05PM** Qiskit-SDK Deep Dive  
Dhinakaran Vinayagamurthy | In-person
- 03:20PM** Diagonalization using data from Quantum simulations  
Kalyan Dasgupta | In-person
- 05:00PM** AI for Quantum  
Anupama Ray | In-person

**1** NOV  
SATURDAY

- 09:00AM** Cryptography - In anticipation of Quantum Computer  
Sanjit Chatterjee | In-person
- 11:00AM** Introduction to Quantum Error Correction  
Navin Kashyap | In-person
- 12:45PM** Importance of Materials for Quantum Technologies and How to build a Quantum Ecosystem  
Arindam Ghosh | In-person

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Club Collaborations



2025