

Workshop & Symposium on Quantum Science & Technology, IIT-A : March 17-18, 2025

Registration: 09:30 – 10:00 AM on 17/03/2025

Venue: Admin Auditorium

Day 1: Monday, 17/03/2025

TIME (IST)		
09:30 – 10:00	Registration	
10:00 – 10:30	Inaugural Session	
	SPEAKER	Title/Topic
10:30 – 11:10	Dr. Aditi Sen De	Quantum Networks
11:10 – 11:35	HIGH TEA	
11:35 – 11:40	Group Photo	
11:40 – 12:20	Dr. Sunil Nair	Spin Currents in Quantum Materials
12:20 – 12:50	Dr. Pramod kumar	Introduction to Topological Quantum Materials
12.50 – 13.20	Mr. Atul Tripathi	TBA
13:20 – 14:30	LUNCH: Visitor Hostel - I (VH-I)	
14:30 – 15:10	Dr. Chandra Shekhar	A Zoo of Hall effect
15.10 – 15.30	Mr. Amit Saxena	Quantum Simulators & Accelerators
15:30 – 16:00	TEA	
16.00 – 18.00	Hands-on session 1	CC3 5042
20:00 – 21:30	DINNER: Visitor Hostel - I (VH-I)	

Day 2: Tuesday, 18/03/2025

Time (in IST)	SPEAKER	TITLE/Topic
10:00 – 10:20	Dr. Upendra Kumar	TBA
10:20 – 10:50	Dr. Srijit Bhattacharjee	Quantum Algorithms
10.50 – 11.20	Dr. Soumyadev Maity	Quantum and Post-Quantum Cryptography: How to Ensure Information-Security Against Quantum Attackers?
11:20 – 11:50	TEA + Group Photo	
11:50 – 12:30	Dr. Arpan Bhattacharyya	Some explorations into quantum many-body dynamics via Krylov complexity
12.30 – 13.00	Dr. Akhilesh Tiwari	Quantum Photonics
13.00 – 13.20	Dr. Rachana Kumar	TBA
13:20 – 14:20	LUNCH: Visitor Hostel - I (VH-I)	
14:25 – 16:30	Hands-on session 2	CC3 5042
16:30 – 17:00	Valedictory Session	
17:00 – 17:30	HIGH TEA	