

# Q-Karyashala 2023

27<sup>th</sup> – 28<sup>th</sup> June 2023  
At Faculty Hall, Main Building  
Indian Institute of Science

## Agenda

### Day 1 – Tuesday, 27<sup>th</sup> June 2023

Time	Program
08.30 AM Onwards	Registration
9.30 AM – 9.45 AM	Welcome Remarks by Prof. Akshay Naik, Chief Project Executive, QuRP
9.45 AM – 10.45 AM	Talk by Prof. <a href="#">Chandni Usha</a> Title: <b>Magic in 2D Flatland</b>
10.45 AM – 11.15 AM	Tea break
11.15 AM – 12.15 PM	Talk by <a href="#">Dr. Atulasimha Jayasimha</a> Title: <b>Nanoscale magnetic devices: Applications to Hardware AI and Quantum Computing</b>
12.15 PM – 2.00 PM	Lunch
2.00 PM – 3.00 PM	Interactive Session: QT Quiz
3.00 PM – 4.00 PM	Talk by Prof. <a href="#">Ambarish Ghosh</a> Title: <b>Nitrogen Vacancy (NV) Centres in Diamond</b>
4.00 PM – 4.30 PM	Tea Break
4.30 PM – 6.00 PM	Batch I - Lab visit

### Day 2 – Wednesday 28<sup>th</sup> June 2023

Time	Program
9.30 AM – 10.30 AM	Talk by <a href="#">Dr. Chandan Kumar</a> Title: <b>Origin of electrical resistance in mesoscopic devices</b>
10.30 AM – 11.15 AM	Talk by Dr. Abhay Shastry Title: <b>Quantum Machine Learning beyond the hype</b>
11.15 AM – 11.45 AM	Tea break
11.45 AM – 12.30 PM	Talk by Dr. Rohit K Ramakrishnan Title: <b>The Quantum Internet – A New Frontier</b>
12.30 PM – 2.00 PM	Lunch
2.00 PM – 3.00 PM	Talk by <a href="#">Dr. Asha Bhardwaj</a> Title: <b>Low loss quantum communication in optical fibre: Exploring visible regime</b>
3.00 PM – 4.00 PM	<b>Interactive session with <a href="#">Prof. Apoorva D Patel</a></b> , Convener, IISc Quantum Technology Initiative.
4.00 PM - 4.10 PM	Concluding Remarks
4.10 PM – 4.30 PM	Tea Break
4.30 PM – 6.00 PM	Batch II - Lab visit
4.30 PM onwards	Distribution of participation certificate