



Programme Schedule (CQST 2026)

CSIR-CGCRI, Jadavpur, Kolkata, India

Venue: M N Saha Auditorium

Day-1: 14th September 2026 (Monday)

Time	Programme
9:00 AM onwards	Registration
10:30 AM - 12:00 PM	CQST 2026 Inaugural Function
10:30 AM - 10:35 AM	National Song
10:35 AM - 10:45 AM	Welcome Address & Introduction of the Guests by Prof. Bikramjit Basu , Director, CSIR–CGCRI
10:45 AM - 10:55 AM	Address by Distinguished Guest and Inaugural Plenary Speaker, Dr. R. Ratheesh , Director General, C-MET, Pune
10:55 AM - 11:00 AM	Address by Guest of Honor, Dr. H. S. Maiti , Former Director, CSIR-CGCRI, Kolkata
11:00 AM - 11:20 AM	Address by the Chief Guest, Dr. Kalyan Chakraborti , Minister-in-Charge, Department of Science and Technology and Biotechnology, Government of West Bengal, India.
11:20 AM - 11:25 AM	Official Release of CQST2026 Abstract Book
11:25 AM - 11:30 AM	Vote of Thanks by Convener
11:30 AM - 11:35 AM	National Anthem
11:35 AM - 12:00 PM	Group Photo & Tea
Technical Session – 1(Chair: Prof. Kamaraju Natarajan)	
12:00 PM - 12:45 PM	PL-1: Plenary Lecture Dr. R. Ratheesh, DG, C-MET Title: <i>Critical Materials Supply Chain Resilience for India Semiconductor Mission: Challenges and Opportunities</i>
12:45 PM - 01:25 PM	KL-1: Keynote Lecture Prof. Samit K. Ray, IIT, Kharagpur Title: <i>Emerging Semiconductor Technologies: Trends and Perspectives</i>
01:25 PM - 02:30 PM	Break for Lunch
Technical Session – 2 (Chair: Prof. Samit K. Ray)	
02:30 PM - 03:00 PM	IL-1: Prof. Bhupendra Nath Dev, TCG CREST, Kolkata Title: <i>Quantum Computing, Superconducting Quantum Computers and Future Innovations</i>
03:00 PM - 03:30 PM	IL-2: Prof. Satyajit Banerjee, IIT Kanpur Title: <i>Self-Organized Pinning and Emergent Vortex States in High-Tc Superconductors</i>
03:30 PM - 04:00 PM	IL-3: Prof. Anshuman Kumar, IIT Bombay Title: <i>Making Quantum Light</i>
04:00 PM - 04:30 PM	IL-4: Prof. Surendra B. Anantharaman, IIT Madras Title: <i>Rapid Synthesis of Metal Organic Chalcogenolate Crystals and Thin Films at Room Temperature</i>
04:30 PM - 05:00 PM	IL-5: Prof. Kamaraju Natarajan, IISER Kolkata Title: <i>Watching Quantum Materials Out of Equilibrium: Ultrafast Electron, Spin and Lattice Dynamics</i>
05:00 PM - 06:30 PM	Break for Tea Followed by Poster Presentation

Technical Session - 3: Poster Presentation		
05:00 PM	-	06:30 PM
Poster Presentation		
Day-2: 15 th September 2026 (Tuesday)		
Technical Session – 4 (Chair: Prof. Biswajit Karmakar)		
10:00 AM	-	10:40 AM
KL-2: Keynote Lecture Prof. Venu Gopal Achanta, CSIR-NPL, New Delhi Title: <i>Metrology for quantum technologies</i>		
10:40 AM	-	11:10 AM
IL-6: Prof. Anjan Barman, SNBNCBS, Kolkata Title: <i>All-Optical Probing of Ultrafast Spin Dynamics and Interfacial Spin-Orbit Physics in 2D Material/Ferromagnet Heterostructures</i>		
11:10 AM	-	11:25 AM
Break for Tea		
Technical Session – 5 (Chair: Prof. Venu Gopal Achanta)		
11:25 AM	-	11:55 AM
IL-7: Prof. Prabhat Mandal, SNBNCBS, Kolkata Title: <i>A New Paradigm for understanding the solids</i>		
11:55 AM	-	12:25 PM
IL-8: Prof. Saurav Giri, IACS, Kolkata Title: <i>Can Ferroelectrics Exhibit Magnetoelectric Coupling without Long-Range Magnetic Order?</i>		
12:25 PM	-	12:55 PM
IL-9: Dr. Prashanth C. Upadhy, Wadhvani Center of Excellence for Quantum Technologies, IISc, Bangalore Title: <i>Atomic quantum sensors for space exploration</i>		
12:55 PM	-	01:25 PM
IL-10: Prof. Biswajit Karmakar, SINP, Kolkata Title: <i>Emergent Chiral Metal Phase in Compressible Quantum Hall Fluids</i>		
01:25 PM	-	02:10 PM
Break for Lunch		
Technical Session – 6 (Chair: Prof. Bikramjit Basu)		
02:10 PM	-	02:40 PM
IL-11: Prof. Suddhasatta Mahapatra, IIT Bombay Title: <i>Quantum computing architectures based on semiconductors: Prospects and Challenges</i>		
02:40 PM	-	03:10 PM
IL-12: Prof. Chandan Kumar Ghosh, Jadavpur University, Kolkata Title: <i>Nano to Quantum technology: bio-imaging</i>		
03:10 PM	-	03:40 PM
IL-13: Dr. Yuvaraj Natarajan, CSIR-CGCRI, Kolkata Title: <i>Engineering advanced Ceramics for Next Generation Electronics and Semiconductor applications</i>		
03:40 PM	-	04:10 PM
IL-14: Dr. Dipten Bhattacharya, CSIR-CGCRI, Kolkata Title: <i>Magneto-Negative-Capacitance in a Heterostructure Multiferroic Capacitor</i>		
04:10 PM	-	04:30 PM
Break for Tea		
Concluding/Valedictory Session		
04:30 PM	-	06:00 PM
Valedictory Session & Concluding Session		
06:00 PM	-	06:10 PM
National Song & National Anthem End of CQST 2026		