

List of Posters

Venue: IHBTQC Ground Floor

Sl	Name:	Poster Title
1	Sharmila Balamurugan	Quantum entanglement indicators
2	Anindita Bera	Quantum uncertainty relation: Engaging the median when mean is not licit
3	Subhajit Bhar	Experimental certification and quantification of entanglement in a novel spatially correlated bipartite qutrit system
4	Bihalan Bhattacharya	Self-testing of any pure two qubit entangled state through quantum steering
5	Some Sankar Bhattacharya	Minimal Measurement Setup to Manifest Quantum Nonlocality
6	Soumyakanti Bose	An Entropic Measure of Single Mode Quantum Optical Nonclassicality
7	Sagnik Chakraborty	Generalized Formalism for Information Backflow in assessing Markovianity and its equivalence to Divisibility
8	Suman Chand	Quantum Heat Machines
9	Riddhi Chatterjee	Quantification of Quantum Coherence In Special Relativistic Scenario
10	Debarshi Das	Operational characterization of quantumness of unsteerable bipartite states
11	Shounak Datta	Protecting temporal correlations of two-qubit using quantum channel with memory
12	Dev Dutt	Theoretical Investigation of four-qubit C-NOT gate equivalence Quantum Logic Circuits
13	Biplab Ghosh	An extensive study on a class of non-maximally entangled mixed states
14	Suchetana Goswami	Self-testing of any pure two qubit entangled state through quantum steering
15	Tamal Guha	Consistency between thermal and completely passive states depending on the structure of the Hamiltonian
16	Akshaya J.	Adaptive quantum error correction over disordered 1-d spin chains
17	Dintomon Joy	Efficient schemes for the quantum teleportation of a sub-class of tripartite entangled states
18	Akhilesh K. S.	Geometric phase of a symmetric two-qubit state
19	Som Kanjilal	Quantum Information Transfer using Weak Measurements and Any Non-product Resource
20	Jagatram Kanwar	Theoretical Equivalence Quantum Circuit of SWAP (1 to 3rd qubit) Gate
21	Asmita Kumari	Improved quantum violation of macrorealist and noncontextual inequalities
22	Pradip Laha	Nonclassical properties of entangled quantum systems
23	Ananda Maity	Tighter Einstein-Podolsky-Rosen steering inequality based on the sum-uncertainty relation

24	Shiladitya Mal	Probing hierarchy of temporal correlation requires either generalised measurement or nonunitary evolution
25	Arindam Mallick	Simulating Curvature effect on Dirac Particle by Quantum Walk
26	Sandeep Mishra	Entanglement dynamics of pure and mixed states for two particles in a double-well
27	R. Muthuganesan	Measurement induced nonlocality based on fidelity and robustness against depolarizing noise
28	Sumit Nandi	Cooperative communication protocols
29	Arpita Pal	Photon-photon correlations and correlated photon-pairs by cavity QED
30	Varad Pande	Optimal Entropy Compression and Purification in Quantum Bits
31	Swati Pandey	Quantum violatoins of variants of LGIs upto algebraic maximum for qutrit system
32	H. S. Smitha Rao	Majorana invariants of spin-1 MUBs
33	Suma S. P.	Laziness of mixed symmetric states
34	Surajit Sen	Collapse and revival scenario in double Jaynes-Cummings model
35	Papri Saha	Quantum Complex network geometrics: the Application of Perspectives to Reality
36	Souradeep Sasmal	Steering a single system sequentially by multiple observers
37	Kishore Thapliyal	Dynamics of entanglement in various physical systems
38	Indrajith V. S.	Measurement Induced Nonlocality in anisotropic Heisenberg Spin Models