QECC Workshop - Saturday, April 13	
Venue: MP20, ECE Dept	
Session 1 (10:00am-11:20am)	
Efficient algorithms for maximum likelihood decoding in surface codes	Mrinmoy Karmakar
Union-find decoding for surface and topological codes	Anshika Ranjan / Kunal Shukla
Multi-path summation for decoding 2D topological codes	Debadrito Roy / Vinayak Niraj
Coffee break (11:20am-11:40am)	
Session 2 (11:40am-1:00pm)	
Concatenated quantum block codes	Sree Lekshmi
Floquet codes	Soumyadeep Sarma / Gurkirat Singh
Planar Floquet codes with Majorana-based qubits	Anubhav Srivastava / Shreenabh Moujesh Agrawal
Lunch break (1:00pm-2:00pm)	
Session 3 (2:00-3:30pm)	
Gottesman-Kitaev-Preskill (GKP) qubits and codes	PPV Narasimha / Suddapu Krishna
Fault-tolerant quantum computation	Veeresh Kuruba / Gadela Venkata Sai Mahesh
Local tensor-network codes	Trivikrama Himamshu Shekhar Dorbala / Gouranga Dinda
Coffee break (3:30pm-3:50pm)	
Session 4 (3:50-5:20pm)	
Quantum Tanner codes	Shikhar Srivastava / Sannzay Gaddam
Lifted product codes	Rohit P. Lal / Shadaf Firdoush
Non-additive quantum codes	Shiv Pratap Singh Rathore / Suresh Kumar V