

### List of Participants Presenting Contributory Talks

SL. No	Registration ID	Name	Institute	Abstract ID	Paper Title
1	QMAT2024_0031	Narasimha Raju Chebrolu	Central University of Karnataka	qmat2024_013	Effects of superconductivity and non-linear electron-phonon interaction on impurity bound states in BCS superconductor
2	QMAT2024_0066	Amit Vashist	Institute of Nano Science and Technology	qmat2024_055	Magnetic phase transitions in an antiferromagnetic topological insulator probed by nanomechanical resonators
3	QMAT2024_0087	Surender Pratap	Central University of Himachal Pradesh	qmat2024_036	Effects of vacancies on quantum transport of zigzag graphene nanoribbons
4	QMAT2024_0096	Neeraj Kumar Jaiswal	PDPM IITDM Jabalpur	qmat2024_042	Structural and Electronic Properties of Zigzag Gallium Nitride Nanoribbons Functionalized with Br
5	QMAT2024_0111	Suraj S Hegde	Indian Institute of Science Education and Research, Thiruvananthapuram	qmat2024_048	Emergent topology and its signatures in dissipative dynamics of topological condensed matter.
6	QMAT2024_0247	Tathamay Basu	Rajiv Gandhi Institute Petroleum Technology (RGIPT)	qmat2024_211	Demonstration of Single-ion magnetism in transition-metal-oxide using Neutron Scattering
7	QMAT2024_0314	Biplab Pal	Nagaland University	qmat2024_268	Engineering flux-controlled flat bands and topological states in a Kagome lattice
8	QMAT2024_0341	Atanu Nandy	Acharya Prafulla Chandra College	qmat2024_307	Unified analytical strategy for flat band engineering in some quasi-one dimensional networks
9	QMAT2024_0345	Kuldeep Suthar	Central University of Rajasthan	qmat2024_309	Non-Hermitian Many-Body Localization and Skin Effect
10	QMAT2024_0348	Vinod Ashokan	Department of Physics, National Institute of Technology, Jalandhar, Punjab 144011, India	qmat2024_312	Many body correlation effects in electron-electron quantum bi-wire systems