

SI No.	Name	Email	Title	Program	Remarks
1	Arjun Bagchi	abagchi	string theory, quantum field theory	MS-MSc(566/568)	Continuing student
2	Adhip Agarwala	adhip	Strongly Correlated Topological Phases	MSPD(501/502)	Open to all student
3	Apratim Kaviraj	akaviraj	Nonperturbative techniques in QFTs	Any	Open to all student
4	Aditya Kelkar	akelkar	Atomic and molecular physics	Any	Continuing student
5	Amit Kumar Agarwal	amitag	Quantum transport in condensed matter systems	MSPD(697/699)	Open to all student
6	Anjan Kumar Gupta	anjankg	condensed matter experiments	MS-MSc(566/568)	Continuing student
7	Chandrima Banerjee	cbanerjee	Magneto Optical Microscopy	MSPD(697/699)	Open to all student
8	Chanchal Sow	chanchal	Growth and Strain tunability of Quantum Materials	Any	Open to all student
9	Debtosh Chowdhury	debtoshc	Higgs Physics	Any	Open to all student
10	Diptarka Das	didas	Continuing students working on Non-equilibrium QFTs	MSPD(697/699)	Continuing student
11	Rajeev Gupta	guptaraj	Experimental Investigations on multiferroics	MS-MSc(566/568)	Open to all student
12	Gopal Hazra	hazra	Solar and stellar magnetic field, Exoplanet atmosphere, Star-planet interaction	Any	Open to all student
13	Harshwardhan Wanare	hwanare	Imaging using a multimode fiber	MSPD(697/699)	Open to all student
14	Venkatajayasurya Yallapragada	jayasurya	Nanophotonics	MS-MSc(566/568)	Continuing student
15	Joydeep Chakraborty	joydeep	Heat Kernel Methods in QFT	MS-MSc(566/568)	Continuing student
16	Kaushik Bhattacharya	kaushikb	Galilean groups in quantum mechanics and their representations	MS-MSc(566/568)	Open to all student
17	Krishnacharya	kcharya	Experimental soft matter physics	MSPD(501/502)	Open to all student
18	Koushik Pal	koushik	Theory and simulation of quantum and energy materials, machine learning and material informatics.	Any	Open to all student
19	K P Rajeev	kpraj	Low Energy Nuclear Reactions	Any	Continuing student
20	Arijit Kundu	kundua	Topological aspects of condensed matter systems.	Any	Open to all student
21	Manas Khan	mkhan	Active matter, statistical physics, soft condensed matter	Any	Open to all student
22	Mahendra K Verma	mkv	Quantum and astrophysics turbulence; nonequilibrium statistical mechanics	MS-MSc(566/568)	Open to all student
23	Navaneeth Poonthottathil	navaneeth	Experimental Neutrino studies	Any	Open to all student
24	Nilay Kundu	nilayhep	1. Black Hole Physics	MS-MSc(566/568)	Continuing student
25	Rohit Medwal	rmedwal	Spintronics, Orbitronics, Quantum Magnonics, Spin based THz spectroscopy	MSPD(697/699)	Open to all student
26	Vijaya R	rvijaya	Experimental Photonics	MS-MSc(566/568)	Open to all student
27	Sabyasachi Chakraborty	sabyac	NA	Any	Student is already selected
28	Sagar Chakraborty	sagarc	Evolutionary Game Dynamics	BS(556/557/558)	Student is already selected
29	Sanmay Ganguly	sanmay	Machine Learning and High Energy Physics	MS-MSc(566/568)	Open to all student
30	Satyajit Banerjee	satyajit	Condensed matter Physics. (One student from MSc program may continue who is currently doing a project would likely continue) + one more student from MSc PhD (DD) will already continue. The options below allows one to only add one program option.	MS-MSc(566/568)	Student is already selected
31	Supratik Banerjee	sbanerjee	New conserved quantities and their cascades in binary fluid turbulence	Any	Open to all student
32	Sivasurender Chandran	schandran	Physics of active and living systems	MSPD(501/502)	Open to all student
33	Gautam Sengupta	sengupta	AdS/CFT Correspondence in String Theory.	MS-MSc(566/568)	Open to all student
34	Subhomoy Halder	shalder	Development of Semiconductor Single Electron Devices using Nanofabrication	MSPD(697/699)	Open to all student
35	Sudeep Kumar Ghosh	skghosh	Topological and Unconventional superconductivity; Correlated fermions on hyperbolic lattices	Any	Open to all student
36	Soumik Mukhopadhyay	soumikm	Topology and spintronics	Any	Open to all student
37	Sapam Ranjita Chanu	sranjita	Quantum technology and Communication	Any	Open to all student
38	Sudeep Bhattacharjee	sudeepb	Experimental Plasma Physics	Any	Open to all student
39	Sudipta Dubey	Sudiptad	2d materials	MSPD(501/502)	Open to all student
40	Swagata Mukherjee	swagata	Full simulation of detectors using GEANT 4 software package	Any	Open to all student

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41	Tapobrata Sarkar	tapo	High energy astrophysics	Any	Open to all student
42	Taraknath Mandal	taraknath	Computational soft-matter and biophysics	MS-MSc(566/568)	Open to all student
43	Tarun Kanti Ghosh	tkghosh	Topology and transport phenomena in condensed matter physics	Any	Open to all student
44	Zakir Hossain	zakir	Magnetism	MS-MSc(566/568)	Student is already selected