

## Registration Numbers

Sr. No.	Name of Student	Unique ID	Faculty	Dept	Name of Supervisor	Regd No	Regd Dt	Thesis Title	Likely date of completion
1	Giselle Maria Fernandes	NST125	Biology	NCBS	Sumantra Chattarji	BIOL-298A	09/07/2012	The Influence of early life Enrichment on the neurological effects of stress	2017
2	Somya Mani	NST	Biology	NCBS	Mukund Thattai	BIOL-307	28/01/2013	Uncovering the topology of eukaryotic vesicle traffic using Boolean models	2017
3	Yadugiri V.T.	NST045	Biology	NCBS	Mahesh Sankaran	BIOL-308	28/01/2013	Managing Multiple Mutualists: Herbivory And Global Change impacts on plant Fungi Partnerships	2017
4	Farah Haque	NST050	Biology	NCBS	R. Sowdhamini	BIOL-306	28/01/2013	Studying primary Inherited Cardiomyopathies at Multiple levels of Organizations	2017
5	Shlesha Rajesh Richhariya	NST121	Biology	NCBS	Gaiti Hasan	BIOL-310	28/01/2013	Investigating the role of store-operated calcium entry in neurons: Gene expression and physiological functions	2017
6	Nairit Sur	NSA153	Physics	DHEP	Tariq Aziz/Shashi Dugad	PHYS-237	26/06/2013	Probing the Physics of Electroweak Symmetry breaking via W+W- Scattering with the CMS detector	2017
7	Nirav Dhawale	NST	Biology	NCBS	Madhusudhan Venkadesan	BIOL-327	02/07/2013	Stability and energetics of Running on Uneven Terrains	2017
8	Bipan Kumar Deb	NST041	Biology	NCBS	Gaiti Hasan	BIOL-323	02/07/2013	Regulation of store-operated Ca <sup>2+</sup> entry by septins	2017
9	Sabareesan A. T.	NST042	Biology	NCBS	Jayant B. Udgaonkar	BIOL-329	02/07/2013	Characterization of the Mechanism of Aggregation by the Prion Protein	2017
10	Rama Reddy Goluguri	NST043	Biology	NCBS	Jayant B. Udgaonkar	BIOL-328	02/07/2013	studying the chain collapse of single chain monellon using Multiple probes in conjunction with milli seconds and microsecond mixing Devices.	2017
11	Urbashi Basu	NST048	Biology	NCBS	Raghu Padinjat	BIOL-331	02/07/2013	Protein Kinase D and Phosphoinositides: Potential regulators of wing venation patterning in Drosophila melanogaster.	2017
12	Sanjeev Mahadeva Sharma	NST049	Biology	NCBS	Raghu Padinjat	BIOL-330	02/07/2013	Understanding the cellular role of Drosophila PIP4K in vivo	2017
13	Mahita Jarjapu	NST099	Biology	NCBS	Sowdhamini R.	BIOL-325	02/07/2013	Insights into Toll/interleukin -1 receptor (TIR) Domain-Mediated Protein-Protein Interactions Within the Toll-Like Receptor Signalling Pathway Through Computational Approaches	2017
14	Joseph Mathew	NST102	Biology	NCBS	Satyajit Mayor	BIOL-324	02/07/2013	Understanding the Molecular Mechanism that Regulates the Active nanoscale organization of cell surface proteins	2017
15	Ankita Prakash Chodankar	NST123	Biology	NCBS	Vijayaraghavan K.	BIOL-332	02/07/2013	Molecular and cellular Mechanisms underlying Establishment of the critical period in Drosopila	2017
16	Preethi Ravi	NST114	Biology	NCBS	Gaiti Hasan	BIOL-336	18/07/2013	Investigating the role of IP3R and Soce in development of Drosophila flight circuit and it's activity During Adult Flight	2017
17	Aliasgar Bohra	NST122	Biology	NCBS	Vijayaraghavan K.	BIOL-337	18/07/2013	Organizational and developmental Analysis of Gustatory motor neurons birth order, lineage and targeting.	2017
18	Sagnik Mukhopadhyay	SMA443	Computers	STCS	Arkadev Chattopadhyay	COMP-027	26/07/2013	Communication Complexity Amplification by Function Composition	2017
19	Sthitapranjya Pati	SPA142	Biology	DBS	Vidita Vaidya	BIOL-343	28/08/2013	Early life stress and psychiatric vurnerability: Deciphering roles of GPCR signalling pathways	2017
20	Randhir Kumar	RKA110	Physics	DNAP	Sushil Majumdar	PHYS-244	10/09/2013	Localization and Amplification of Light in Low-dimensional Disordered Systems	2017
21	Tanay Roy	TRA035	Physics	DCMPMS	R. Vijayaraghavan	PHYS-245	01/10/2013	Stabilizing quantum states in super conducting devices using quantum feedback	2017
22	Sayani Biswas	SBA344	Physics	DNAP	Rudrajyot Palit	PHYS-246	10/10/2013	Excitation modes in spherical and transitional nuclei in A~130 mass region	2017
23	Deep Ray	DRA055	Maths		Praveen Chandrashekarappa/Siddharth Mishra(ETH Zurich)	MATH-141	08/11/2013	Entropy-stable finite difference and finite volume schemes for compressible flows	2017

Sr. No.	Name of Student	Unique ID	Faculty	Dept	Name of Supervisor	Regd No	Regd Dt	Thesis Title	Likely date of completion
24	Deepesh Kumar Data	DKD024	Computers	STCS	Vinod. M. Prabhakaran	COMP-028	28/01/2014	Communication complexity of secure Computation	2017
25	Madhuresh		Maths	CAM	Sreekar Vadalamani/ Amit Apte	MATH-144	04/02/2014	Bayesian Approach to Ill-Posed Inverse Problems	2017
26	Snehal Dilip Karpe	NST066	Biology	NCBS	R. Sowdhamini	BIOL-368	04/02/2014	Deciphering odour affinities of olfactory receptors through genome- wide survey molecular modeling and docking studies	2017
27	Prabahan Chakraborty	NST116	Biology	NCBS	Sumantra Chattarji	BIOL-363	04/02/2014	Spatial and Temporal Effects of Immobilisation stress on the Medial prefrontal cortex Hippocampus and Amygdala	2017
28	Saptarnab Naskar	NST117	Biology	NCBS	Sumantra Chattarji	BIOL-362	04/02/2014	Effect of stress on astrocytes and their Modulation of neuronal function in the amygdala and hippocampus	2017
29	Parijat Sil	NST118	Biology	NCBS	Satyajit Mayor	BIOL-364	04/02/2014	Understanding the role of actin filaments and myosin motors in the active organization of molecules at the cell surface.	2017
30	Kambadur Gundu Ananthamurthy	NST119	Biology	NCBS	Upinder Bhalla	BIOL-365	04/02/2014	Sensory representation of Stimuli in the mouse Hippocampus	2017
31	Lovy Singhal	LSA051	Maths	Maths-Mum	Anish Ghosh	MATH-145	13/02/2014	On distribution of orbits of group actions	2017
32	Anju Yadav	AYA002	Chemistry	DCS	A. S. R. Koti	CHEM-068	04/04/2014	Examining the relationship between ligand binding strength, structure and mechanical properties of proteins	2018
33	Rakala Geet Ghanshyam	RGG016	Physics	DTP	Kedar Damle	PHYS-252	15/04/2014	Entropic effects and competing interactions in frustrated systems	2017
34	Ritam Sinha	RSA171	Physics	DTP	Gautam Mandal	PHYS-253	30/04/2014	Application of Ads/CFT to timer-dependent systems	2017
35	Ananya Rakshit	ARA147	Chemistry	DCS	Ankona Datta	CHEM-069	08/05/2014	Bio-compatible molecular probes for in vivo manganese detection	2017
36	Rustam Singh	RSA319	Chemistry	DCS	Vivek Polshettiwar	CHEM-070	08/05/2014	Understanding the formation of mechanism of fibrous nano-silica (KCC-1) and its use as support for various catalytic reasons	2017
37	Tousik Samui	TSA042	Physics	DTP	Sreerup Raychaudhuri	PHYS-254	16/05/2014	Some studies of Physics beyond the standard model at the LHC	2017
38	Disha Bhatia	DBA091	Physics	DTP	Sreerup Raychaudhuri	PHYS-255	23/06/2014	Some studies in Electroweak Symmetry - Breaking at the Large Hadron collider	2017
39	Rini Ganguly	RGA103	Physics	DCMPMS	Pratap Raychaudhuri	PHYS-256	04/07/2014	Spectroscopic study on unconventional superconductors using scanning tunneling microscopy an high frequency broadband technique	2017
40	Deepankar Singh	NST	Biology	NCBS	D. T. Nair	BIOL-382	07/07/2014	Structural Basis of Target site Recognition by Hes1.	2017
41	Tanay Nitinkumar Bhatt	NST057	Biology	NCBS	Sudhir Krishna	BIOL-379	07/07/2014	Understanding the pathway involved in Initiating a wound healing response	2017
42	Krutika Anirudha Phalnikar	NST059	Biology	NCBS	Deepa Agashe	BIOL-378	07/07/2014	Understanding the diversity and dynamics of gut microbial communities across developmental stages of butterflies	2017
43	Mary K. Johnson	NST060	Biology	NCBS	Gaiti Hasan	BIOL-383	07/07/2014	Sturctural characterisation of Escherichia coli DNA Polymerase V and Mycobacterium Smegmatis DNA polymerase IV DNA Complex	2017
44	Prashantkumar Navalbhai Jethva	NST062	Biology	NCBS	Jayant Udgaonkar	BIOL-375	07/07/2014	Understanding the Urea unduced unfolding of SH3 doman of P13 Kinase by HX-MS	2017
45	Amit K. Singh	NST064	Biology	NCBS	Satyajit Mayor	BIOL-381	07/07/2014	Co-existence of active phases and their cellular Relizations.	2017
46	Rohit Chandrakant Suratekar	NST069	Biology	NCBS	Sandeep Krishna	BIOL-376	07/07/2014	PI (4,5) p2 dynamics during drosophila melanogaster phototransduction	2017
47	Vishaka Datta	NST070	Biology	NCBS	Sandeep Krishna	BIOL-377	07/07/2014	Discerning the role of selection and drift in Eukaryotic Transcriptional network Evolution	2017

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48	Kabir Bazmi Husain	NST071	Biology	NCBS	Satyajit Mayor	BIOL-373	07/07/2014	Mechanics of the Active composite cell Surface Regulation of Patterning and computation	2017
49	Chaitra Prabhakara	NST072	Biology	NCBS	Satyajit Mayor	BIOL-380	07/07/2014	Mechano - chemical control of wingless endocytosis in tissue patterning and growth	2017
50	Prachi Srikanth Thatte	NST074	Biology	NCBS	Uma Radhakrishnan	BIOL-384	07/07/2014	Spatial distribution of genetic variation in fragmented populations: Impacts of body size trophic level and structural landscape connectivity	2017
51	Jyothi Venugopal Nair	NST075	Biology	NCBS	Uma Ramakrishnan	BIOL-372	07/07/2014	Analysis of factor affecting mate choice and variance in reproductive success of lek mating species Antelope cervicapra (Indian Black buck)	2017
52	Lena MareikeJosefine Robra	NST076	Biology	NCBS	Vatsala Thirumalai	BIOL-374	07/07/2014	PPP1R1B Integrated neuronal Signaling During Development.	2017
53	Sahil Moza	NST106	Biology	NCBS	Upinder Bhalla	BIOL-385	07/07/2014	Biophysics of plasticity in dendritic spines	2017
54	Aparna Agarwal	NST138	Biology	NCBS	Deepa Agashe	BIOL-386	07/07/2014	Impact of migration and gut flora on the adaptation of Tribolium castaneum populations to a new resource	2018
55	Sheroy Shyamak Tata	SST050	Physics	DNAP	Krishnamurthy M.	PHYS-257	08/07/2014	Dynamics of ion acceleration in intense laser fields	2017
56	Bajrang Janu Sutar	BJS001	Physics	DHEP	Shashi R. Dugad	PHYS-258	16/07/2014	Measurement of various cross-section ratios of W and Z at large bosn pt using CMS data	2017
57	Minal Jaggar	MVJ001	Biology	DBS	Vidita Vaidya	BIOL-387	18/07/2014	Neuronal Pathways mediating vurnerability/resilience in stress and antidepressant action	2017
58	Rosemary M Varkey	RVM017	Science Education	HBCSE	Nagarjuna G	SCED-027	18/07/2014	The Cultivation of Cultivation: Understanding the Relationships between Agriculture, Farmers' and Scientific Methods, and Education	2017
59	Subhajit Mazumdar	SMA446	Physics	DTP	Shiraz Minwalla	PHYS-259	18/07/2014	Chern-Simons matter theories in large N	2017
60	Mandira Mondal	MMA137	Maths	Maths-Mum	Vijaylaxmi Trivedi	MATH-146	24/07/2014	Hilbert Kunz density function and Asymptotic Hilbert-Kunz Multiplicity	
61	Rohit Kumar Mishra	RKM050	Maths	CAM	Venkateswaran P. Krishnan	MATH-154	19/08/2014	Some uniqueness results in tensor tomography	2017
62	Sombuddha Bhattacharya	SBA345	Maths	CAM	Venkateswaran P. Krishnan	MATH-155	19/08/2014	Inverse Problems on Riemannian manifolds	2017
63	Ashish Shukla	ASA358	Physics	DTP	Sandip Trivedi	PHYS-260	26/08/2014	Aspects of Theoretical Cosmology	2017
64	Prakash Gaikwad	PSG038	Physics	NCRA	Tirthankar Roy Choudhury	PHYS-261	28/08/2014	Efficient hydrodynamical simulations of the intergalactic medium and parameter estimation	2017
65	Baljeet Singh	BSA091	Chemistry	DCS	Vivek Polshettiwar	CHEM-071	04/09/2014	Fibrous Nanosilica: Tunable Synthesis, Its Applications and Novel Materials Design	2017
66	Gurinder Singh	GSA210	Science Education	HBCSE	Karen Haydock/ K. K. Mishra	SCED-028	22/09/2014	Open-Beginninged' Science Explorations: Students' Questions, Methods of Investigations and their Interrelations	2017
67	Shuddhodan Kadattur Vasudevan	KVS040	Maths	Maths-Mum	Srinivas V.	MATH-156	29/09/2014	Topics in Algebraic Cycles	2017
68	Ninad Ramanand Jetty	NRJ001	Physics	DHEP	Unnikrishnan C. S.	PHYS-262	10/10/2014	Quantum Optics and Quantum Vacuum: Coherence, Phasis and Statistics	2017
69	Arideep Saha	ASA362	Maths	Maths-Mum	Indranil Biswas	MATH-157	10/11/2014	Moduli space of bundles and connections	2018
70	Rakesh Ratnakar Pawar	RRP028	Maths	Maths-Mum	V Srinivas	MATH-158	11/11/2014	Action of Correspondences on Cohomology and 0-cycles	2017
71	Geetanjali Date	GSA210	Science	HBCSE	Sanjay	SCED-029	26/12/2014	Learning from grassroots innovation: Case studies for a socially engaged engineering	2017

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			Education		Chandrasekharan			education	
72	Ankita Das	ADA177	Chemistry	DCS	Jyotishman Dasgupta	CHEM-072	05/01/2015	Visible light driven organic photochemistry inside water soluble molecular physics	2017
73	Moniruzzaman Shaikh	MSA281	Physics	DNAP	G. Ravindra Kumar	PHYS-264	15/01/2015	Ultrashort, High-Contrast, Intense Laser-Matter Interact	2017
74	Shamik Bhattacharjee	SBA349	Physics	DNAP	Lokesh Tribedi	PHYS-265	27/01/2015	Ionization and electron capture in HCl-Atom collisions with molecules including H <sub>2</sub> O	2017
75	Ajoy Aloysius	NST044	Biology	NCBS	Mitradas Panicker	BIOL-396	28/01/2015	Understanding the Signalling Pathways involved in muscles Stem Cell Quiescence	2017
76	Divya R	NST054	Biology	NCBS	Axel Brockmann	BIOL-399	28/01/2015	Single brain mass spectrometry and neuromodulation of honeybee foraging behavior	2017
77	Ebi Antony George	NST055	Biology	NCBS	Axel Brockmann	BIOL-398	28/01/2015	Inter- Individual Variability in a group of Honeybee foragers	2017
78	Sunny Kataria	NST056	Biology	NCBS	Raghu Padinjat	BIOL-400	28/01/2015	Understanding the molecular mechanisms of fibroblast activation in mouse model of fibrosis.	2017
79	Mrudula Sunil Sane	NST058	Biology	NCBS	Deepa Agashe	BIOL-401	28/01/2015	Large effect synonymous mutation overcome fitness defect by increasing Gene Expression through diverse mechanism.	2017
80	Shilpi Nagpal	NST061	Biology	NCBS	Sudhir Krishna	BIOL-397	28/01/2015	Structural Mechanism utilized by NS3-NS5 complex of Japanese encephalitis virus to replicate viral genome.	2017
81	Calvin Steve Rodrigues	NST068	Biology	NCBS	Sudhir Krishna	BIOL-405	28/01/2015	Genomic Interplay between DNMT1, Snail2 and DNA Methylation in cervical cancer cell migration	2017
82	Vishram Laxman Terse	NST086	Biology	NCBS	Sachi Gosavi	BIOL-402	28/01/2015	Computational dynamics of biomolecular	2018
83	Avishek Ghosh	NST140	Biology	NCBS	Raghu Padinjat	BIOL-403	28/01/2015	To study the regulation of phosphatidylinositol 5 phosphate in Drosophila Melanogaster	2019
84	Payel Chatterjee	NST144	Biology	NCBS	Sanjay Sane	BIOL-404	28/01/2015	a Comparative Study of Visual System in insects	2018
85	Rohit Sharma	RSA320	Physics	NCRA	Divya Oberoi	PHYS-266	03/02/2015	A study of the Sun at Low Radio Frequencies	2017
86	Himanshu Srivastava	SHA084	Science Education	HBCSE	K. Subramaiam	SCED-030	11/02/2015	Exploring Possibilities of Science Education for Social Transformation using waste as a context	2017
87	Prateek Arora	PAA045	Biology	DBS	Mahendra Sonawane	BIOL-405	04/03/2015	To understand the role of Erythrocyte membrane protein band 4.1 like proteins (EPBs) in vertebrate epithelia	2017
88	Abhishek Kumar Singh	AKS134	Computers	STCS	N. Raja	COMP-029	10/03/2015	Formalised reasoning and Mechanical verification	2017
89	Rossi D'souza	RRS078	Science Education	HBCSE	K. Subramaniam	SCED-031	11/03/2015	Addressing Disability Oppression through Critical Ethnography and Maths Education	2017
90	Parul Sood	PSA175	Biology	DBS	Sandhya Koushika	BIOL-406	26/03/2015	Mechanisms of regulation of cargo transport in response to repeated stimuli in C. elegans	2017
91	Aritra Kundu	AKA148	Physics	ICTS	Abhishek Dhar	PHYS-269	27/03/2015	Heat transport and fluctuating hydrodynamics in one dimensional systems	2018
92	Archak Purkayastha	APA135	Physics	ICTS	Abhishek Dhar	PHYS-268	27/03/2015	Transport in finite quantum systems	2018
93	Nikhil S. Mande	NSM002	Computers	STCS	Arkadev Chattopadhyay	COMP-030	27/03/2015	Lower bounds for circuits and communication	2018
94	Manibrata Sen	MSA282	Physics	DTP	Amol Dighe	PHYS-270	15/04/2015	Topics in Astroparticle and Neutrino Physics	2017
95	Vikas Chand	VCA046	Physics	DAA	A. R. Rao Sudip Bhattacharya	PHYS-271	22/04/2015	Jet Parameter of Gamma-ray bursts	2017

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96	Soubhik Sarkar	SSA843	Physics	DNAP	M. Krishnamurthy	PHYS-272	29/04/2015	Pump- Probe Spectroscopy of cluster Ionisation	2018
97	Jishnu Bhattacharya	JBA109	Physics	DAA	Shravan Hanasoge	PHYS-274	01/05/2015	Consistent seismic imaging of local structural features on the Sun	2018
98	Shreya Banerjee	SBA351	Physics	DAA	Tejinder Singh	PHYS-273	01/05/2015	Inflation, quantum theory, and modified gravity	2018
99	Sayantani Bera	SBA352	Physics	DAA	Tejinder Singh	PHYS-275	01/05/2015	The Interface between Quantum Theory and General Relativity and its implications for Cosmology	2018
100	Arijit Ganguly	AGA139	Maths	Maths-Mum	Anish Ghosh	MATH-160	14/05/2015	Problems in Diophantine approximation and dynamical systems	2017
101	Barun Kumar Maity	BKAM020	Chemistry	DCS	Sudipta Maiti	CHEM-072A	29/05/2015	Spectroscopic determination and Modeling of the conformation of membrane active peptides	2018
102	Timir Baran Sil	TBS002	Chemistry	TCIS	Kanchan Garai	CHEM-073	02/06/2015	Bio Physical characterization of Apolipoprotein E amyloid Beta interactions and its implications in cellular toxicity	2018
103	Imon Mandal	IMA030	Chemistry	DCS	Ravindra Venkatramani	CHEM-074	08/06/2015	Computational Studies of Copper Coordination to a Pentapeptide: Binding Geometries and Absorption Spectra	2018
104	Deep Sarkar	DSA166	Physics	DNAP	G. Ravindrakumar	PHYS-278	10/06/2015	Investigation of plasma emission in ultraintense laser-matter interaction	2018
105	Debabrata Dhara	DDA061	Chemistry	TCIS	Anukul Jana	CHEM-076	12/06/2015	Syntheses and reactivities of hydro carbon soluble low valent low coordinated main group (13-15) compounds	2018
106	Debdeep Mandal	DMA133	Chemistry	TCIS	Anukul Jana	CHEM-075	12/06/2015	Reactivities of N-heterocyclic carbene stabilised di silicon (o) and conversion of bond multiplicity in E-E(E=Si,Ge,Sn,Pb) bonded compounds	2018
107	Pranjal Nayak	PNA018	Physics	DTP	Gautam Mandal	PHYS-279	15/06/2015	Emergence of Geometry in Ads/CFT Correspondence	2017
108	Kirti Gupta	KGA094	Biology	DBS	Mahendra Sonawane	BIOL-407	01/07/2015	To understand mechanisms involved in homeostatic increase in cell size in developing epidermis	2018
109	Yogesh Bansidhar Dandekar	YBD001	Physics	DTP	Shiraz Minwalla	PHYS-280	01/07/2015	Studies in Chern Simons theory and Black hole dynamics	2017
110	Arunabha Sarkar	NST073	Biology	NCBS	Sandeep Krishna	BIOL-408	03/07/2015	A Metabolomics approach to investigate planaria regeneration.	2017
111	Harish Kumar	NST082	Biology	NCBS	Jayant Udgaonkar	BIOL-409	03/07/2015	To understand the co-aggregation mechanism of tau- K18 (4R) and tau-K 19 (3R) protein and effect of FTDP-17 mutation on this mechanism	2018
112	Sruthi S. Balakrishnan	NST141	Biology	NCBS	Rahul Padinjat	BIOL-411	03/07/2015	Understanding the Homeostatic Mechanisms of P14P During G- Protein Coupled Receptor Signalling.	2018
113	Shrabasti Bhattacharya	SBA353	Chemistry	DCS	A.S. R. Koti	CHEM-077	07/07/2015	Probing the effect of temperature on the protein unfolding landscape of structurally homologous proteins with B-Grasp topology	2018
114	Chandroday Chattopadhyay	CCA002	Physics	DNAP	Subrata Pal	PHYS-281	08/07/2015	Fluctuation in relativistic hydrodynamics with applications to heavy ion collisions	2017
115	Abhirup Ghosh	AGA144	Physics	ICTS	Parameswaran Ajith	PHYS-282	21/07/2015	Testing general relativity using gravitational-wave observations of binary black holes	2018
116	Anupam Mondal	AMA200	Maths	Maths-Mum	Amitava Bhattacharya	MATH-161	23/07/2015	A study of Combinatorics	2018
117	Ronak M. Soni	ARA146	Physics	DTP	Sandip Trivedi	PHYS-283	24/07/2015	Aspects of Entanglement Entropy	2017
118	Jhansi Bhavani	VJB001	Physics	DHEP	S. K. Gupta	PHYS-284	30/07/2015	Search for multi-Tev Gamma ray sources using Grapes-3 data	2018
119	Suman Kundu	SKA270	Physics	DCMPMS	R. Vijayaraghavan	PHYS-286	31/07/2015	Approaching unit efficiency for quantum measurements with superconducting circuits	2018
120	Sarath Sankar	SSA841	Physics	DTP	Vikram Tripathi	PHYS-285	31/07/2015	Critical Behaviour of disordered correlated quantum systems	2018
121	Divya Pathak	DPA064	Biology	DBS	Roop Mallik	BIOL-412	05/08/2015	Lipid-Motor Interactions in Phagosome Maturation	2018
122	Janeka Gartia	JGA002	Chemistry	TCIS	K. V. R. Chary	CHEM-078	06/08/2015	Biomolecular Interactions - Studies by NMR	2018

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123	Kshama Sharma	KSA348	Chemistry	TCIS	Madhu P. K.	CHEM-079	06/08/2015	Solid state NMR methods development and membrane bound AB40 oligomer structure investigation	2018
124	Manmohan Vashisth	MAA082	Maths	CAM	Venkateswaran P. Krishnan	MATH-162	11/08/2015	Inverse problems related to Hyperbolic PDEs and Hybrid Imaging	2018
125	Mukesh Kumar	MKA071	Biology	DBS	Roop Mallik	BIOL-413	17/08/2015	Effect of Metabolic state on Motor Driven Transport of Lipic Droplets in Liver	2018
126	Sayani Das	SDA188	Chemistry	DCS	Ankona Datta	CHEM-080	18/08/2015	Cell-Penetrable Small Molecule probes for tracking autophagy	2018
127	Arjun Paul	APA133	Maths	Maths-Mum	Indranil Biswas	MATH-163	19/08/2015	Bundles and Moduli Spaces	2018
128	Rahul Gupta	RGA107	Maths	Maths-Mum	Amalendu Krishna	MATH-164	26/08/2015	Topics in algebraic cycles and K-Theory	2018
129	Sumit Kumar Birwa	SKB061	Physics	ICTS	Narayanan Menon Rama Govindarajan	PHYS-286	27/08/2015	Study of elastic objects sedimenting and colliding in fluids	2018
130	Shaunak Deota	SND034	Biology	DBS	Ullas Kolthur	BIOL-414	27/08/2015	Role of Sirt1 in regulating spermatogenesis	2018
131	Viola Caroline D'Mello	VCD002	Chemistry	DCS	Sanjay Wategaonkar	CHEM-081	28/08/2015	Proton/Charge Transfer in Hydrogen Bonded systems	2018
132	Sudeepa Nandi	SNA224	Biology	DBS	Maitreyi Narasimha	BIOL-415	31/08/2015	Role of Metabolism in the Regulation of Cell Behaviour and Tissue Dynamics	2018
133	Suranjana Pal	SPA147	Biology	DBS	Shubha Tole	BIOL-416	31/08/2015	Understanding the Barrel phenotype in Lhx2 conditional knockout mice	2018
134	Ganga Prasath S	SGP039	Physics	ICTS	Rama Govindarajan Narayanan Menon	PHYS-287	02/09/2015	Some problems in elasticity and hydrodynamics	2018
135	Arnab Roy	ARA148	Maths	CAM	Mythily Ramaswamy	MATH-165	08/09/2015	Control of incompressible fluid flows	2018
136	Arka Mallick	AMA198	Maths	CAM	K. Sandeep	MATH-166	14/09/2015	Some fractional order PDE on Heisenberg group and complex hyperbolic spaces.	2018
137	Zoheb Ahmed	ZAA001	Biology	DBS	Krishanu Ray	BIOL-417	09/10/2015	Measuring biophysical properties of rod domain in Kinesin-2	2018
138	Shubhadeep Pal	SPA150	Physics	TCIS	T. N. Narayanan	PHYS-288	27/10/2015	Studies on the controlled assembly of atomic layers for energy devices	2018
139	Mahak Dhiman	MDA099	Chemistry	DCS	Vivek Polshettiwar	CHEM-082	28/10/2015	Synthesis of Monodisperse Metal Nanoparticles Supported on Fibrous Nanosilica (KCC-1) and their Application as Nanocatalysts	2018
140	Kasi Jaswin	KJA060	Physics	ICTS	Pallab Basu	PHYS-289	23/11/2015	Applications of conformal bootstrap in quantum field theory	2018
141	Manish Kumar Singh	MKS086	Maths	CAM	Veerappa Gowda	MATH-167	07/12/2015	Conservation laws with discontinuous flux and balance laws.	2018
142	Charu Seth	CSA065	Chemistry	DCS	Deepa Khushalani	CHEM-083	30/12/2015	Perovskite as the light absorbing component in solar cells	2018
143	Vinutha H.A.	HAV001	Physics	TCIS	Smarajit Karmakar	PHYS-290	27/01/2016	Shear Induced geometry and jamming in sphere packings	2017
144	Aditya Nema	ANA041	Computers	STCS	Pranab Sen	COMP-032	28/01/2016	Some derandomised constructions in Quantum information processing	2018
145	Pallabi Das	PDA089	Physics	DHEP	Kajari Mazumdar	PHYS-291	03/02/2016	Study of the properties of Higgs boson in p-p collisions at centre of mass energy of 13TeV at LHC	2019
146	Sreekrishna Varmaraja PC	NST065	Biology	NCBS	Sanjay P. Sane	BIOL-435	10/02/2016	Effect of Sensory cues on collective behaviour of mound building termites	2017
147	Meenakshi Shankar Iyer	NST078	Biology	NCBS	Sowdhamini R.	BIOL-434	10/02/2016	Analysis of Domain Architectures Encoded in the Protein world	2018
148	Abrar Ahmed Bhat	NST087	Biology	NCBS	Satyajit Mayor	BIOL-436	10/02/2016	Understanding the role of dynamic Actin filaments on molecular patterning of plasma membrane components using an in-vitro bottom up approach	2018

Sr. No.	Name of Student	Unique ID	Faculty	Dept	Name of Supervisor	Regd No	Regd Dt	Thesis Title	Likely date of completion
149	Soumya Bhattacharjee	NST089	Biology	NCBS	Upinder Bhalla	BIOL-433	10/02/2016	How does the brain associate temporally disjointed events	2018
150	Sandhya Bhatia	NST152	Biology	NCBS	Jayant Udgaonkar	BIOL-432	10/02/2016	Characterization of Sequence of Structural events accompanying the folding of single chain monellin	2019
151	Sounak Biswas	SBA350	Physics	DTP	Kedar Damle	PHYS-292	11/02/2016	Computational Studies of Strongly Correlated Systems	
152	Sarbajaya Kundu	SKA271	Physics	DTP	Vikram Tripathi	PHYS-293	12/02/2016	Spin-Orbit Phenomena in Condensed Matter Sytems	2019
153	Ayan Maity	AMA203	Chemistry	DCS	Vivek Polshettiwar	CHEM-084	15/02/2016	Functionalized Fibrous Nanosilica (KCC-1) as Photocatalysts for Water Splitting, Dye degradation and CO2 reduction	2019
154	Yukti Arora	YAA012	Chemistry	DCS	Deepa Khushalani	CHEM-085	17/02/2016	BiVO4 as an effective anode material for energy storage application	2019
155	Debdutta Paul	DPA066	Physics	DAA	A.R. Rao Sudip Bhattacharya	PHYS-294	19/02/2016	Jets in Black Hole Sources	2019
156	Ahana Chakraborty	ACA065	Physics	DTP	Rajdeep Sensharma	PHYS-295	25/02/2016	Non Equilibrium dynamics of Interacting Quantum Many Body Systems	2019
157	Abhisek Samanta	ASA365	Physics	DTP	Rajdeep Sensharma	PHYS-296	25/02/2016	Charge Fluctuations in the Proximity of a Mott Insulator	2019
158	Rayan Chatterjee	RCA074	Physics	TCIS	Sriram Ramaswamy Prasad Perlekar	PHYS-296	25/02/2016	Active drops-spreading and wetting properties	2018
159	Simli Dey	SDA193	Chemistry	DCS	Sudipta Maity	CHEM-086	26/02/2016	Understanding the secondary structure of Intrinsically Disordered Protein (IDP) aggregates as they transit from the solution to the membrane	2019
160	Anirban Das	ADA181	Physics	DTP	Basudeb Dasgupta	PHYS-297	04/03/2016	Topics in Astro-particle Physics and Neutrino Cosmology	2019
161	Rashmi Ramaadugu	RRA258	Physics	TCIS	Prasad Perlekar Rama Govindarajan	PHYS-298	07/03/2016	Multi phase turbulent flows	2018
162	Ravichandan S	RSA324	Physics	TCIS	Rama Govindarajan Roddam Narasimha	PHYS-299	11/03/2016	The Interlay of Buoyancy, Particle Inertia and Phase Change in Vortical Flows- Implications for Cloud-flows	2017
163	Abhijit Mondal	AMA205	Chemistry	DCS	Shyamalava Mazumdar	CHEM-087	29/03/2016	Effects of Solvents and Specific Reidues at the Active Site on the Stability and Function of the Thermostable Cytochrome P450	2019
164	Dattaraj Bhalchandra Dhuri	DBD014	Physics	DAA	Shravan Hanasoge	PHYS-300	04/04/2016	Modeling solar magnetic phenomena using statistical learning	2019
165	Aravind Holur Vijay	AHV001	Physics	DHEP	Manoranjan Guchait	PHYS-301	07/04/2016	Beyond standard Model theories in light of LHC data	2018
166	Biswajit Datta	BDA056	Physics	DCMPMS	Mandar Deshmukh	PHYS-302	07/04/2016	Electrical Transport Properties of 2D Materials	2019
167	Mukul G Jain	MGJ001	Chemistry	TCIS	P. K. Madhu Vipin Agarwal	CHEM-088	07/04/2016	Developing recoupling sequences at fast magic angle spinning conditions and applications in probing fibrillar systems with solid state NMR methods	2019
168	Srimanta Banerjee	SBA359	Physics	DAA	T. P. Singh	PHYS-303	08/04/2016	Modified gravity with and without Torsion	2019
169	Kshitij Gajjar	KGA092	Computers	STCS	Jaikumar Radhakrishnan	COMP-033	21/04/2016	Distance-preserving monors, Cop number and Triangle-free graphs	2017
170	Krishnendu Mandal	KMA173	Physics	DAA	Shravan Hanasoge	PHYS-304	26/04/2016	Imaging the sub-surface flows of the Sun using helioseismology	2019
171	Gowtham Raghunath Kurri	GRK054	Computers	STCS	Vinod M. Prabhakaran	COMP-034	02/05/2016	Coordination over networks	2019
172	Angana Mondal	AMA204	Physics	DNAP	M. Krishnamurthy	PHYS-305	10/05/2016	Study of Laser plasma interaction in mass limited targets	2019
173	Indrajit Tah	ITA001	Physics	TCIS	Smarajit Karmakar	PHYS-306	18/05/2016	Static and dynamical length scale for glass forming liquids and their connection with fragility	2019
174	Shivnarayan Dhuppar Tilkesh	STD051	Physics	TCIS	Aprotim Mazumder	PHYS-307	24/05/2016	Connecting nuclear architecture to gene expresstion and DNA Damage Response	2019
175	Sharath K Jose	SKJ028	Physics	TCIS	Rama Govindarajan	PHYS-308	26/05/2016	Stratification and rotation effects on plane shear flow stability and trasnsition	2017

Sr. No.	Name of Student	Unique ID	Faculty	Dept	Name of Supervisor	Regd No	Regd Dt	Thesis Title	Likely date of completion
176	Kamalesh Jana	KSA061	Physics	DNAP	G. Ravindra Kumar	PHYS-309	06/06/2016	Study of high-contrast, high intensisty laser-matter interaction	2019
177	Soumyadeep Chaudhuri	SCA181	Physics	ICTS	R. Loganayagam	PHYS-310	10/06/2016	Modified crossing rules via gravity	2019
178	Dinesh V Raut	DVR030	Physics	NCRA	Tirthankar Roy Chaudhary	PHYS-311	14/06/2016	Studies of the cosmological 21cm signal and foregrounds at lowfrequencies	2019
179	Banoj Kumar Nayak	BKN011	Physics	DCMPMS	Achanta Venugopal	PHYS-312	21/06/2016	Light matter interaction in photonic and plasmonic structures	2019
180	Meenakshi Gaira	MGA100	Physics	DHEP	C. S. Unnikrishnan	PHYS-313	21/06/2016	The Dependent Microsphere	2019
181	Sudeshna Patra	SPA154	Chemistry	TCIS	T. N. Narayanan	CHEM-089	24/06/2016	Investigations on the mechanochemical properties of assembled structured nanomaterials	2019
182	Sudip Ghosh	SGA139	Physics	ICTS	Suvrat Raju	PHYS-314	28/06/2016	Aspects of the black hole information problem	2019
183	Rajsekhar Das	RDA071	Physics	TCIS	Smarajit Karmakar	PHYS-315	29/06/2016	Understanding the dynamics of glass-forming liquids with additional impurities	2019
184	Emroj Hossain	EHA001	Physics	DCMPMS	Arnab Bhattacharya	PHYS-316	04/07/2016	Exploring hybrid III-nitride semiconductors/2D materials combinations for optoelectronics	2019
185	Anshul Deep Singh Parmar	ADP026	Physics	TCIS	Smarajit Karmakar Srikanth Sastry	PHYS-317	05/07/2016	Fragility and heterogeneity in glass forming liquid and characterization of yield transition under oscillator shear	2017
186	Saurabh Chaudhary	SCA182	Chemistry	TCIS	Karthik V. Raman	CHEM-090	05/07/2016	Tailoring interfaces in molecular spintronics	2019
187	Saurabh Kishore Mahajan	NST081	Biology	NCBS	Deepa Agashe	BIOL-452	07/07/2016	Analysis of the evolution of genomic properties of bacteria	2018
188	Sahil Lall	NST083	Biology	NCBS	M. K. Mathew	BIOL-446	07/07/2016	Understanding the role of Transmembrane region of STIM1	2018
189	Anjali Jaiman	NST092	Biology	NCBS	Mukund Thattai	BIOL-448	07/07/2016	The Role of Compartmentalization in the Controlled Assembly of Eukaryotic O-Glycans	2018
190	Priyesh Mohanty	NST148	Biology	NCBS	Ranabir Das	BIOL-451	07/07/2016	Molecular basis of impaired ubiquitination by glutamine deamidation	2019
191	Krithika Badarinath	NST150	Biology	NCBS	Sudhir Krishna	BIOL-450	07/07/2016	Understanding in the role of snail in maintaining undifferentiated/ progenitor state in Keratinocytes	2019
192	Vandana Agarwal	NST153	Biology	NCBS	Vatsala Tirumalai	BIOL-449	07/07/2016	Understanding the relationship between Cx35 encoded electrical synapses and chemical synapses	2019
193	Anubhab Khan	NST312	Biology	NCBS	Uma Ramakrishnan	BIOL-447	07/07/2016	Effects of small isolated populations: A Study in Tigers	2019
194	Riddhi Madhav Deshmukh	NST362	Biology	NCBS	Krushnamegh Kunte	BIOL-445	07/07/2016	The Genetic And Developmental Bases of wing patterns in papilid Polytes Butterflies	2019
195	Sreemantee Sen	NST364	Biology	NCBS	Jayant Udgaonkar	BIOL-443	07/07/2016	Understanding the infolding pathway of P13K SH3.	2019
196	Srishti Batra	NST365	Biology	NCBS	Shannon B. Olsson	BIOL-444	07/07/2016	Understanding the mechanistic basis for olfactory detection of an universal insecticides	2019
197	Preetish. K. Mishra	PKM062	Physics	NCRA	Yogesh Wadadekar	PHYS-318	12/07/2016	Evolution of Galaxy Bulges Near and Far	2019
198	Pratyush Nath	PNA019	Maths	Maths-Mum	Amalendu Krishna	MATH-168	18/07/2016	Some Topics in K-Theory and Algebraic Geometry	2018
199	Bhanu Prasad Bhowmik	BPB014	Physics	TCIS	Smarajit Karmakar	PHYS-319	19/07/2016	Mechanical Properties of Amorbhom solids with ranging fragility	2019
200	Atul Mohan	AMA206	Physics	NCRA	Divya Oberoi	PHYS-322	26/07/2016	Low frequency Solar Studies Using the Murchison Widefield Array	2019
201	Omkar Bait	OSB001	Physics	NCRA	Yogesh Wadadekar	PHYS-321	26/07/2016	Star Formation in Galaxies through Cosmic Time	2019
202	Chandan Dinesh Bagdia	CDB001	Physics	DNAP	Lokesh C. Tribedi	PHYS-323	27/07/2016	Low energy ion-atom collision processes in PAH molecules	2020
203	Ajit Kumar Mehta	AKM068	Physics	ICTS	Parameswaran Ajith	PHYS-324	28/07/2016	Modeling of gravitational waves from binary black holes	2019



Sr. No.	Name of Student	Unique ID	Faculty	Dept	Name of Supervisor	Regd No	Regd Dt	Thesis Title	Likely date of completion
204	Sampat Kumar Sharma	SKS132	Maths	Maths-Mum	Ravi A. Rao	MATH-169	29/07/2016	On the Bass Suslin Conjecture	2019
205	Nayana A. J.	NAJ001	Physics	NCRA	Poonam Chandra	PHYS-325	01/08/2016	Most energetic explosions and their environments	2019
206	Prashant Kocherlakota	PKA132	Physics	DAA	Pankaj S.Joshi Co-Guide-Sudip Bhattacharya	PHYS-326	01/08/2016	Gravitational Collapse, Black Holes and Gravitational Waves	2020
207	Rahul Kumar Gupta	RKG003	Physics	TCIS	Surajit Sengupta Co-Guide Shriram Ramaswamy	PHYS-327A	02/08/2016	Traffiry flow crystalline order in agitatedmomolayer of rods on bead	2019
208	Pappu Acharya	PAA048	Physics	TCIS	Surajit Sengupta	PHYS-328	04/08/2016	Structural and dynamic transition in Athermal solids	2019
209	Praveen Kumar	MPK014	Physics	TCIS	M. Krishnamurthy	PHYS-329	05/08/2016	Ionization and Plasma Dynamics with angular momentum Beams	2019
210	Shivani Ashwin Upadhyay	SAU001	Biology	DBS	B. J. Rao	BIOL-453	05/08/2016	Mechanistic connection between Photosynthesis and TOR signaling in the context of ongoing respiration	2019
211	Sushma Kurapati	SKA278	Physics	NCRA	Jayaram Chengalur	PHYS-331	05/08/2016	Dwarf galaxies and their environment	2019
212	Shashank Yadav	SYA022	Physics	TCIS	P. K. Madhu	PHYS-330	05/08/2016	Low field NMR in hyper polarized nuclei	2020
213	Lavneet Janagal	LJA017	Physics	DTP	Shiraz Minwalla	PHYS-332	11/08/2016	Aspects pf Chern-Simons Theories	2019
214	Pankaj Popli	PPA081	Physics	TCIS	Surajit Sengupta	PHYS-333	19/08/2016	Mechanical Properties of solids	2020
215	Subhrajyoti Dolai	RDA072	Chemistry	TCIS	Kanchan Garai	CHEM-095	19/08/2016	Biophysical Characterization of Structure-Function Differences in the Apolipoprotein E Isoforms	2019
216	Ritabrata Thakur	RTA037	Physics	ICTS	Rama Govindarajan	PHYS-334A	19/08/2016	Stability studies of fronts in the upper Bay of Bengal	2020
217	Tulasi Mohan Molli	TMM001	Computers	STCS	Prahladh Harsha	COMP-035	31/08/2016	On threshold circuits and communication complexity	2019
218	Triveni Menon	TMA031	Biology	DBS	Sreelaja Nair	BIOL-454	06/09/2016	Analysis of the Impact of DNA content on Embryogenesis and Disease states in Danio rerio	2020
219	Soumajit Saha	SSA842	Biology	DBS	B. J. Rao	BIOL-455	07/09/2016	Unbderstanding the Role of PARP1 in Mitochondria Mediated Apostosis and Regulation of Cell Cycle Checkpoints	2020
220	Mandar Dattaram Bopardikar	MDB013	Chemistry	DCS	R. V. Hosur/A.S.R. Koti	CHEM-096	08/09/2016	Inhibition of Formation of Amyloid Fibrils and Oligomers and Their Dissolution by Ayurvedic Preparations: Therapeutic Implications	2019
221	Pritam Majumder	PMA089	Maths	Maths-Mum	Amitava Bhattacharya	MATH-170	20/09/2016	Questions on sequentially differential posets	2019
222	Ravitheja Vangala	VRA180	Maths	Maths-Mum	Eknath Ghate	MATH-171	03/10/2016	On p-adic Interpolation of L-fucntion of Asai type in Imaginary Quadratic Case	2019
223	Vivek Kumar Rai	VKR037	Maths	Maths-Mum	Eknath Ghate	MATH-172	04/10/2016	Reductions of Local Galois Representations	2019
224	Avishek K. Basu	AKB087	Physics	NCRA	Bhal Chandra Joshi	PHYS-334	05/10/2016	Erratic Behaviour of Neutron Stars	2019
225	Rahul Chajwa	RCA077	Physics	ICTS	R. Govindaarajan/Sriram Ramaswamy Narayan Menon	PHYS-335	13/10/2016	Collective sedimentation of anisotropic particles at low Reynolds number	2020
226	Mrinmoy Mukherjee	MMA143	Physics	TCIS	Jagannath Mondal Co-Guide-Smaratjit Karmakar	PHYS-336	28/10/2016	Investigating Chemical and Biological Phenomena using polymer - Physics based approach	2019
227	Biny Sebastian	BSA092	Physics	NCRA	Dharam Vir Lal	PHYS-337	08/11/2016	A study of radio galaxies with a typical radio morphologies	2020

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228	Vishal M. V.	VMV022	Physics	DTP	Sandip Trivedi	PHYS-338	11/11/2016	Aspects of Entanglement Entropy and Cosmology	2020
229	Phani Raj Lolakapuri	LPP002	Computers	STCS	Umang Bhaskar	COMP-036	16/11/2016	Problems in Algorithmic Game Theory	2019
230	BabuKrishna Maniyadath	BMA092	Biology	DBS	Ullas Kolthur	BIOL-456	28/11/2016	Role of SIRT1 in regulating non-coding RNA and maintaining genome integrity with impacts on physiology	2019
231	Purna Sham Gadre	PSG039	Biology	DBS	Krishanu Ray	BIOL-457	30/11/2016	To study the rates and regulation of the transit amplification of spermatogonia in Drosophila tetis	2019
232	Chandranandan Gangopadhyay	CGA072	Maths	Maths-Mum	Indranil Biswas	MATH-173	05/12/2016	Automorphism group of Moduli space of principal bundles	2019
233	Amith K. Shastri	ASK063	Maths	Maths-Mum	Parameswaran A. J.	MATH-174	09/12/2016	Group Actions and Milnor Fibration	2019
234	Ankit Rai	ARA152	Maths	Maths-Mum	Arvind Nair	MATH-175	19/12/2016	Topics in Geometry and representation theory	2019
235	Durgaprasad Karnam	KDA035	Science Education	HBCSE	Aniket Sule	SCED-033	26/12/2016	Model-Based Reasoning with Vectors: A case for use of interactive media	2019
236	Jaya Krishna		Physics	TCIS	Jagannath Mondal	PHYS-340	30/12/2016	Computer Simulation approach to study the transport and recognition in biological systems	2020
237	Kallol Paul		Physics	TCIS	Smarajit Karmakar	PHYS-339	30/12/2016	Role of cavitation in Brittle-Ductile Transition in Amorphous Solids	2020
238	Mona Gupta	MGA102	Chemistry	DCS	A.S.R. Koti	CHEM-099	30/12/2016	Ensemble Analysis of structural changes and Transition States in Steered Molecular Dynamics Unfolding Simulations of Ubiquitin family proteins	2019
239	Suhail Sherif	SSA844	Computers	STCS	Arkadev Chattopadhyay	COMP-037	06/01/2017	Multiparty XOR Lemmas	2019
240	Kuntal Chakraborty	KCA088	Maths	Maths-Mum	Ravi A. Rao	MATH-176	12/01/2017	The elementary Symplectic Witt group and Prestabilization description in the Symplectic group	2019
241	Anand Avinash Deo	AAO056	Computers	STCS	Sandeep Juneja	COMP-038	16/01/2017	Financial Risk- Analysis and measurement	2020
242	Anamay Gununath Tengse	AGT001	Computers	STCS	Ramprasad Saptarishi	COMP-039	16/01/2017	Polynomial Identity for Arithmetic Branching Programs	2020
243	Gunjan Kumar	GKA061	Computers	STCS	Umang Bhaskar	COMP-041	16/01/2017	Extending partial functions	2020
244	Varun Narayanan	VNA078	Computers	STCS	Vinod Prabhakaran	COMP-040	16/01/2017	Multiparty Computation over Networks	2020
245	Deborah Dutta	DDA064	Science Education	HBCSE	Sanjay Chandrasekharan Anushka Gupta	SCED-034	18/01/2017	Urban farming in schools to nurture environmental practices: Motivating action towards sustainable future	2019
246	Terence Vinodkumar Christie	NST	Biology	NCBS	Aswin Sai Narain Seshasayee	BIOL-460	02/02/2017	The effects of origin of Replication on Chromosomal Architecture and Gene Expression in E-coli.	2019
247	Rohini Subrahmanyam	NST043	Biology	NCBS	Sumantra Chattarji	BIOL-469	02/02/2017	mGluR1/5 Activation and Neurotransmitter release in the Hippocampus and the Amygdala	2020
248	Leanna Rose Joy	NST143	Biology	NCBS	Sudhir Krishna	BIOL-463	02/02/2017	The Role of CD66 Protein in Regulating SRC Kinases in cell Migration in cervical cancer.	2020
249	Vinaya Hemant	NST145	Biology	NCBS	Hiyya Ghosh	BIOL-470	02/02/2017	Transcriptional Regulation of microglial homeostasis and function	2020

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	Sahasrabudhe								
250	Ashutosh Shukla	NST149	Biology	NCBS	Sumantra Chatterjee	BIOL-462	02/02/2017	Stress induced modulation of innate responses to positive and Negative Emotional Stimuli	2020
251	Sahana Sitaraman	NST151	Biology	NCBS	Vatsala Thirumalai	BIOL-465	02/02/2017	Structural development of the purkinje neuron	2020
252	Akshit Goyal	NST339	Biology	NCBS	Sandeep Krishna	BIOL-468	02/02/2017	Dynamics in Multispecies Microbial Communities.	2020
253	Bishal Basak	NST340	Biology	NCBS	Raghu Padinjat	BIOL-467	02/02/2017	Regulation of multi domain Phosphatidylinositol transfer proteins (PITPs) in vivo.	2020
254	Deepanjali Dwivedi	NST341	Biology	NCBS	Upinder Bhalla	BIOL-464	02/02/2017	Precision in rate and temporal coding in WT vs Fmr1 KO mouse model	2020
255	Pabitra Nandy	NST342	Biology	NCBS	Aswin Sai Narain Seshasayee	BIOL-466	02/02/2017	Genetic and Phenotypic Characterisation of a small colony variant of Escherichia coli isolated in prolonged stationary phase.	2020
256	Aditya Asopa	NST359	Biology	NCBS	Upinder Bhalla	BIOL-458	02/02/2017	The role of single neurons in network dynamics of sequential activity in hippocampus	2019
257	Kiran Sankar Chatterjee	NST360	Biology	NCBS	Ranabir Das	BIOL-461	02/02/2017	Investigating the role of SUMO pathway in infection and neuro- degeneration.	2019
258	Kuldeep	NST361	Biology	NCBS	Varadharajan Sundaramurthy	BIOL-457A	02/02/2017	Alteration in the host endocytic pathway upon Mycobacterium tuberculosis Infection.	2019
259	Vrinda Ravi Kumar	NST366	Biology	NCBS	Deepa Agashe	BIOL-459	02/02/2017	Understanding factors that affect resource choice in the red flour beetle Tribolium castaneum	2019
260	Sanjoy Paul	SPA153	Chemistry	DCS	Ravindra Venkatramani	CHEM-100	08/02/2017	Development of Flexibility and Stability Measures for Describng Protein Dynamics and Function	2019
261	Avanish Kumar Shrivastava	AKS136	Biology	DBS	Maithreyi Narasimha	BIOL-475	20/02/2017	Understanding the developmental regulation of ROS and its role in tissue patterning	2019
262	Indranil Roy	IRA001	Physics	DCMPMS	Pratap Raychaudhuri	PHYS-341	24/02/2017	Scanning tunneling microscopy studies of vortex physics of disordered superconductor	2020
263	Suman Chatterjee	SCA179	Physics	DHEP	Gobinda Majumder	PHYS-342	28/02/2017	Exploring Quantum Chromodynamics using Jets in CMS Experiment	2020
264	Jishan Bari Khandekar	KJB001	Chemistry	TCIS	K. V. R. Chary Kalyaneshwar Mondal	CHEM-103	03/03/2017	Biomolecular structure Dynamics and interaction as studied by NMR	2020
265	Farhan Sabir Babra	FSB001	Physics	DNAP	Rudrajyot Palit	PHYS-343	06/03/2017	The study of quantal rotations and the structure of nuclei in mass A~130 region at high spin	2020
266	Soham Bhattacharya	SBA360	Physics	DHEP	Manoranjan Guchait	PHYS-345	06/03/2017	Supersymmetry searches with Tau lepton final state at the CMS experiment	2020
267	Md. Sazedur Rahaman Laskar	SRL001	Physics	DNAP	Rudrajyot Palit	PHYS-344	06/03/2017	Study of shape effects in nuclear excitatin using lifetime and moment mesurement in mass A~ 130-140 region	2020
268	Avijit Maiti	AMA214	Chemistry	TCIS	Anukul Jana	CHEM-104	20/03/2017	Utilization of silicon(II) and Magnesium (I) molecular compounds for the syntheses of organometallic compounds involving low-valent low-coordinate Main Group elements	2020
269	Sudip Chakraborty	SCA180	Physics	DAA	A. R. Rao Sudip Bhattacharya	PHYS-346	22/03/2017	Non-Thermal radiative phenomena in Black Hole environment	2020
270	Sumeru Hazra	SHA024	Physics	DCMPMS	Pushan Ayyub	PHYS-347	23/03/2017	Building a small scale quantum processor for quantum computing and quantum simulations	2020
271	Anurag Tiwari	ATA045	Physics	DTP	Rishi Sharma	PHYS-348	21/04/2017	Study of Quarkonia production and evolution in High and Low Energy Collisions	2020
272	Chandan Kumar Jana	CKJ001	Physics	ICTS	Loganayagam Ramalingam	PHYS-349	21/04/2017	Open quantum field theories	2020
273	Amruta Vasudevan	AVA099	Biology	DBS	Sandhya P. Koushika	BIOL-480	24/04/2017	Regulation of synaptic vesicle transport at neuronal branch points in C. elegans	2019
274	Pushkal Shrivastava	PKS111	Physics	ICTS	Suvrat Raju	PHYS-350	27/04/2017	Black hole information paradox and holography	2020
275	Adwait Jayant Gaikwad	AJG001	Physics	DTP	Gautam Madal	PHYS-351	04/05/2017	Aspects of non-equilibrium phenomena in low dimensional quantum systems	2020
276	Anirban Das	ADA185	Chemistry	DCS	Sudipta Maiti	CHEM-105	15/05/2017	Spectroscopically guided design of folding and aggregation modifiers	2020

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			ry						
277	Anugu Sumith Reddy	ASR025	Physics	ICTS	Amit Apte	PHYS-353	17/05/2017	A study of asymptotic properties of non-linear filter	2020
278	Kesavan P S	KPS020	Biology	TCIS	Aprotim Masumder	BIOL-481	17/05/2017	Imaging chromatin remodelling and transcriptional changes in cells in response to DNA damage	2020
279	Mukesh Singh Raghav	MRA221	Physics	ICTS	Amit Apte	PHYS-352	17/05/2017	Understanding the dynamics of convergence zone over Indian region during summer monsoon	2020
280	Avijit Das	AJD021	Physics	ICTS	Abhishek Dhar	PHYS-354	22/05/2017	Transport and correlations in one-dimensional interacting systems	2020
281	Aminesh Nanda	AMN002	Physics	ICTS	Subhro Bhattacharjee	PHYS-355	05/06/2017	Unconventional phases of frustrated magnets	2020
282	Shamasree Ghosh	SGA143	Chemistry	TCIS	Kanchan Garai	CHEM-106	12/06/2017	Bio Physical characterization of Amyloid Beta oligomere and their interactions with Apolipo protein E proteins	2020
283	Shreyasi Datta	SDA196	Maths	Maths-Mum	Anish Ghosh	MATH-177	13/06/2017	Problems in dynamical systems on homogenous spaces	2020
284	Srishti Tiwari	STA100	Physics	DAA	A. Gopakumar	PHYS-356	19/06/2017	Modelling gravitational waves from eccentric compact binaries	2020
285	Dibyendu Bala	DBA094	Physics	DTP	Saumen Datta	PHYS-357	30/06/2017	Study of QCD at finite temperature using anisotropic lattice regularization	2020
286	Subhajit Ghosh	SGA141	Physics	DTP	Tuhin S. Roy	PHYS-359	17/07/2017	Building models and phenomenological studies of theories beyond the standard model	2020
287	Uttiya Sarkar	USA059	Physics	DHEP	Gagan Mohanty	PHYS-358	17/07/2017	Search for new Physics in the final state of boosted Bosons and missing transverse energy with CMS	2020
288	Arkadipta Sarkar	ASA364	Physics	DHEP	C. S. Unnikrishnan	PHYS-360	24/07/2017	Exploring the Possible Connection between Conservation Laws and Quantum Mechanical Correlation Function	2020
289	Suvasis Swain	SSA857	Physics	DNAP	Vaibhav Prabhudesai	PHYS-361	24/07/2017	The dynamics of Dissociative Electron Attachment(DEA) to excited state target molecules	2020
290	Apurba Bera	ABA172	Physics	NCRA	Jayaram Chengalur	PHYS-362	26/07/2017	Probing galaxy evolution with UGMRT	2020
291	Abhijit Guria	AGA146	Physics	DTP	Nilmani Mathur	PHYS-363	27/07/2017	Study of dynamical fermions on the lattice	2020
292	Sandeep Kumar Acharya	SKA283	Physics	DTP	Rishi Khatri	PHYS-364	27/07/2017	Cosmological probe of dark matter	2020
293	Surajit Mondal	SMA463	Physics	NCRA	Divya Oberoi	PHYS-365	28/07/2017	Low Frequency Imaging Studies of the Sun using MWA	2020

**\* All students are availing fellowship**

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**Mode of Ph.D. is Full time**