

List of the PhD Student (Thesis approved in departmental PhD committee) for faculty of Natural and Mathematical Sciences as on 24.11.2016							
Sl No	Name of the PhD Student	DEPARTMENT	Supervisor	THESIS TITLE	Date of Departmental Ph.D. Committee approval	REGISTRATION details	REGISTRATION Date (With effect from)
1	Arnab Dasgupta	Geology	1. Dr. Sankar Bose, 2. Dr. Gautam Ghosh	Tectono-Metamorphic and Geochronological Evolution of the Rengali Province in the Riamal - Rengali - Khamar Sector, Odisha, India	11.03.2015	R - 14RS15110004	16.03.2015
2	Sneha Mukherjee	Geology	1. Dr. Gautam Ghosh, 2. Dr. Sankar Bose,	Stratigraphy and Nature of Uranium Mineralization from Precambrian Basement Granitoid - Srisailem Formation Contact Around Chitral Area, Cuddapah Basin, Telangana	11.03.2015	R - 14RS15210002	16.03.2015
3	Paramita Das	Geology	Dr. Gautam Ghosh,	Structural and Ams Analysis of Basement Granitoid Rocks of the Chitral Area and its bearing on Unconformity Proximal Type Uranium Mineralisation, Cuddapah Basin, Telangana	11.03.2015	R - 14RS15210003	16.03.2015
4	Proloy Ganguly	Geology	Dr. Sankar Bose,	Tectonothermal History of the Granulites and Gneisses Around Phulbani, Odisha, India and its Bearing on the Evolution of the Proterozoic Eastern Ghats Belt	11.03.2015	R - 15RS15110001	16.03.2015
5	Dhiman Ray	Chemistry	Prof. Bijan Das	Interaction between polyelectrolytes and surface active ionic liquids	02.02.2016	R - 14RS205120001	18.03.2016
6	Aparna Sarkar	Chemistry	Dr. Gandhi Kumar Kar	Approaches towards the synthesis of potentially bioactive from the synthesis of various related to	02.02.2016	R - 14RS205220002	18.03.2016
7	Rajkumar Guchhait	Biological Sciences	Dr. Kousik Pramanick	Studies on hormonal regulation of oocyte maturation, steroidogenesis and mercury-induced reproductive impairments in banded gourami, <i>Trichogaster fasciata</i>	27.04.2016	R-14RS18110011	05.05.2016
8	Ajishnu Roy	Biological Sciences	Dr. Kousik Pramanick	Sustainable Water Resource Management of Agriculture in West Bengal by Water Footprint Assessment (WFA)	27.04.2016	R-14RS18110012	06.05.2016

9	Prasun Biswas	Biological Sciences	Dr. Malay Das	Comprehensive morphological, cytological and molecular analyses of flowering events in <i>Bambusa tulda</i>	27.04.2016	R-14RS18120013	05.05.2016
10	Sagnik Biswas	Biological Sciences	Dr. Prabir Kr. Mukhopadhyay	Studies on the protection of arsenic induced reproductive disorders in adult male Wister rats by formulated high protein diet.	27.04.2016	R-14RS18110014	06.05.2016
11	Chitrita Chatterjee	Biological Sciences	Dr. Shampa Sarkar (Biswas)	Characterization of indigenous sewage microbial communities of Kolkata and their bioremediation potentiality in heavy metal contaminated soil.	27.04.2016	R-14RS18210015	05.05.2016
12	Chayan Bhattacharjee	Biological Sciences	Dr. Aparna Mukhopadhyay	Investigating the molecular details of Hepatitis C virus entry events	27.04.2016	R-14RS18110016	05.05.2016
13	Tanmoy Nandy	Biological Sciences	Dr. Sumit Mandal	Studies on the Diversity and Ecology of Zooplankton Population in Sundarban Estuarine System (SES), West Bengal, India	27.04.2016	R-14RS18110017	05.05.2016
14	Moumita Ghosh	Biological Sciences	Dr. Sumit Mandal	Studies on ecology of soft-bottom meiobenthic community from sundarban estuarine system, West Bengal, India	27.04.2016	R-14RS18210018	05.05.2016
15	Jayita Basu	Biological Sciences	Dr. Amlan Ghosh	Identification of Molecular Markers associated with Development and Pathogenesis of Gestational Diabetes Mellitus in West Bengal, India	27.04.2016	R-14RS18210019	05.05.2016
16	Sushmit Mukherjee	Biological Sciences	Dr. Mausumi Sikder (nee Bhakta)	A study of antibacterial and anti-inflammatory activity of zinc Oxide nanoparticles (ZnONPs) on multiple antibiotic resistant Staphylococcus aureus induced inflammatory rat model	27.04.2016	R-14RS18110020	05.05.2016
17	Jayita Saha	Biological Sciences	Dr. Kalyan Giri	The Biomolecular characterization of salt stress response in rice cultivars: Spectroscopy and Bioinformatics approach	27.04.2016	R-14RS18210021	05.05.2016
18	Atreyee Kundu	Biological Sciences	Dr. M. Ganesan	Characterization of cotton <i>GhMATE</i> and <i>GhALMT1</i> systems to enhance the acid soil tolerance of cotton plants (<i>Gossypium hirsutum</i> L.)	27.04.2016	R-14RS18210022	05.05.2016
19	Subharthi Das	Biological Sciences	Dr. M. Ganesan	Characterization of Aluminum stress tolerance in Mung bean for crop Improvement	27.04.2016	R-14RS18110023	05.05.2016

20	Samapika Nandy	Biological Sciences	Dr. Puja Ray	Screening of some phytochemicals and bioactive properties of selected naturally grown and micropropagated medicinal plants of the Apocynaceae family	27.04.2016	R-14RS18240024	05.05.2016
21	Sandip Das	Biological Sciences	Dr. Aparna Mukhopadhyay	Phylogenetic Diversity and Exopolysaccharide Characterization of Legume Nodulating Bacteria Isolated from Different Agro-Climatic Regions of West Bengal, India	27.04.2016	R-14RS18120025	11.05.2016
22	Writuparna Dutta	Biological Sciences	Dr. Puja Ray	Exploring the Possibilities of Enhancing Enzymatic Activities of Phytopathogenic Fungi for their Utility in Biological control of Waterhyacinth	27.04.2016	R-14RS18210026	05.05.2016
23	Bibaswan Basu	Biological Sciences	Dr. Devashish Sen	Evaluation of Physiological stress due to schoolbag carriage among children in West Bengal and some suggestive remedial measures: An ergonomic study	27.04.2016	R-14RS18110027	06.05.2016
24	Debjani Mukherjee	Biological Sciences	Dr. Shampa Sarkar (Biswas)	Uterine ECM Remodeling and Effect of Drugs in Induced Endometriosis in Rat.	27.04.2016	R-14RS18210028	11.05.2016
25	Shaoni Bhattacharjee	Biological Sciences	Dr. Abhik Saha	Understanding the Role of Epstein- Barr virus Essential Nuclear Antigen EBNA3C in Regulating Unfolding Protein Response (UPR)- Autophagy Network	27.04.2016	R-14RS18210029	05.05.2016
26	Malinki Sur	Biological Sciences	Dr. Piyali Mukherj	Understanding the regulation of mitochondrial homeostasis by SARMI and role in neurodegeneration	27.04.2016	R-14RS18210030	06.05.2016
27	Anwesha Deb	Biological Sciences	Dr. Devrani Mitra	Structure-function characterization of few blue light responsive photoreceptors through biochemical and biophysical approaches	27.04.2016	R-14RS18210031	06.05.2016
28	Puja Sen	Biological Sciences	Dr. Santanu Chakraborty	Investigating the Role of Tbx20 in Cardiomyocyte Protection Post Cardiac Injury	27.04.2016	R-14RS18210032	05.05.2016
29	Anisha Polley	Biological Sciences	Dr. Santanu Chakraborty	Tbx20 function in Proepicardial organ (PEO) & epicardium derived cell differentiation and Asporin/ PLAP-1 function in aortic valve calcification	27.04.2016	R-14RS18210033	05.05.2016
30	Nilabhra Mitra	Biological Sciences	Dr. Sanghamitra D	Molecular Characterization of Human Class IV Sirtuins	27.04.2016	R-14RS18110034	06.05.2016

31	Sunayana Saha	Biological Sciences	Dr. Mausumi Sikder (nee Bhakta)	Bioactivity, Phytochemical screening and synthesis of Potent Nanoparticle from some Mangrove and Weed Species of south West Bengal against uropathogens	27.04.2016	R-14RS18210035	11.05.2016
32	Abhijit Dey	Biological Sciences	Dr. Kalyan Giri	In vitro propagation and phytochemical screening of three important ethno-medico-botanicals used by the ethnic communities of Purulia district, West Bengal, India	27.04.2016	R-14RS18110036	12.05.2016
33	Kankan Mukhopadhyay	Geology	Dr. Sasikumar Pal	Efficacy Appraisal of Synthetic Bimetallic Nano-aggregates for Fluoride Removal from Drinking Water through Batch and Fixed-Bed Column Operation Technology	11.05.2016	R-14RS15210048	13.05.2016
34	Tushar Mouli Chakraborti	Geology	1. Dr. Arijit Ray 2. Dr. Gautam Kumar Deb	Petrology of mafic- ultramafic rocks around Bangriposi and Kuliana, Orissa, Eastern India: implication for paleotectonic setting	11.05.2016	R-14RS15110049	13.05.2016
35	Keyur De	Geology	Dr. Nilanjan Dasgupta	Study of Geomorphic Features of Noachis Terra, Mars: An Insight to Martian Tectonic Processes	11.05.2016	R-14RS15210050	13.05.2016
36	Saheli De	Geology	Dr. Joydip Mukhopadhyay	Sedimentological Analyses, Internal Stratigraphy and Sediment-hosted Detrital Iron and Radioactive Ore Mineral Potential of the Mesoproterozoic Siliciclastic Succession around Keonjhar, Singhbhum Craton, Odisha, India	11.05.2016	R-14RS15210051	13.05.2016
37	Banasree Sadhukhan	Physics	Dr. Arabinda Nayak	Study of Electronic Structure and Optical, Magnetic Response of Disordered Solids	04.08.2016	R-14RS09240062	12.08.2016
38	Sukhendu Mukherjee	Physics	Dr. Arabinda Nayak	Development, Synthesis and Characterization of II-IV-V Chalcopyrite Thin Film for Photovoltaic Device Application	04.08.2016	R-15RS09110063	12.08.2016
39	Ajay Halder	Physics	Dr. Muktesh Acharyya	Nonequilibrium Phase Transition in Ferromagnetic Model Systems	04.08.2016	R-14RS09140064	12.08.2016
40	Rudrani Kar Chowdhury	Physics	Dr. Suchetana Chatterjee	X-ray Properties of Galaxy Groups and Clusters	04.08.2016	R-15RS09210065	12.08.2016

41	Tamaghna Maitra	Physics	Dr. Arabinda Nayak	Epitaxial growth and characterization of thin film nanostructure for optoelectronic applications	04.08.2016	R-15RS09110066	12.08.2016
42	Sangita Bera	Physics	Dr. Barnali Chakrabarti	Thermodynamics and Statistical Fluctuation for the Trapped Interacting Bose Gas	04.08.2016	R-15RS09210067	12.08.2016
43	Shibsankar Dutta	Physics	Dr. Sukanta De	2-D nano materials and their hybrids as supercapacitor electrodes for energy storage applications	04.08.2016	R-14RS09110068	12.08.2016
44	Prosenjit Saha	Chemistry	Dr. Arnab Halder	Tunable Luminescence of Graphene Based Nanomaterials: Role of Surfactants and Macromolecules	20.09.2016	Under Process	
45	Tapas Ghosh	Chemistry	Dr. Dhruva Prosad Chatterjee	Synthesis and Characterization of Polymer Grafted Carbon Nano Particles	20.09.2016	Under Process	
46	Ishani Ghatak	Geography	Dr. Soumendu Chatterjee	Socio-Economic Adaptation of Chinese Community in Kolkata: A Post Modern Study	23.08.2016	Under Process	
47	Deblina Mitra	Geography	Dr. Suranjana Banerji	Implications of Urbanisation on the Water Resources in a Planned Urban Landscape: A Case Study of New Town, North 24 Parganas, West Bengal	23.08.2016	Under Process	