

University of North Bengal
Ph.D. list of 49th Annual Convocation
(Faculty of Science)

Sl. No.	Name of the Candidate	Name of the Supervisor(s)	Subject	Topic	Degree Obtained (as per New /Old ordinances)	Date when Admitted (Viva Voce)
01	Rakesh Prasad Bhagat	Prof. Sudip Barat	Zoology	IMPACT OF ARTIFICIAL FEED ON SURVIVAL AND GROWTH OF RAINBOW TROUT, ONCORHYNCHUS MYKISS (Walbaum) DURING EXOGENOUS FEEDING IN RACEWAYS OF KATHMANDU, NEPAL	Ph.D. (Science)	26/09/2018
02	Samiran Ghosh	Dr. Nilay Roy	Zoology	Identification of low temperature resistant embryonic stages for improving seed production in Muga silkworm, Antheraea assama, Westwood for cold preservation of eggs	Ph.D. (Science) Prior to 2009	27/09/2018
03	Debasish Kumar Saha	Prof. P. Ghosh	Chemistry	MODIFICATION OF LUBE OIL PROPERTIES BY ADDITION OF ORGANIC POLYMERIC ADDITIVES	Ph.D. (Science)	12/11/18
04	Sangita Khewa (Subba)	Prof. A. Mukhopadhyay & Dr. M. Bahadur, Co – Supervisor)	Zoology	Survey, isolation and characterization of entomopathogenic bacteria of some sporadic lepidopteran pests of tea foliage from Darjeeling foothills and plains	Ph.D. (Science)	22/11/18
05	Prabir Banik	Dr. A. Bhadra & Dr. S.K. Sarkar (Co- Supervisor)	Physics	Probing the sources of cosmic rays with high energy gamma rays and neutrinos	Ph.D. (Science)	20/11/2018
06	Rajendra Pradhan	Dr. B. Sinha	Chemistry	MOLECULAR INTERACTIONS IN MIXTURES OF SOME INDUSTRIALLY IMPORTANT SOLVENTS: A PHYSICO-CHEMICAL STUDY	Ph.D. (Science)	16/11/2018
07	Apash Roy	Prof. N.R. Manna	Comp. Sc. & Application	Recognition of Handwritten Characters - An Artificial Neural Network Approach	Ph.D. (Science)	05/12/2018
08	Kishor Biswas	Prof. A.P. Das	Botany	Impact of Plantation Forests on the Plant Diversity of Terai and Duars region of West Bengal, India	Ph.D. (Science)	5/12/2018

Sl. No.	Name of the Candidate	Name of the Supervisor(s)	Subject	Topic	Degree Obtained (as per New /Old ordinances)	Date when Admitted (Viva Voce)
09	Prosenjit Chakraborty	Prof. A. Saha & Dr. D. Saha (Co-sup.)	Botany	Molecular detection, diversity analysis and management of some RNA viruses infecting crops in north-east Indian plains	Ph.D. (Science)	04/12/2018
10	Joydeb Ghosh	Prof. R.K. Samanta	Comp. Sc. & Application	Design and Analysis of Algorithms for Solving n Coins Problem	Ph.D. (Science)	14/12/2018
11	Tilak Saha	Prof. R. Chakraborty	Biotechnology	Immunological Responses and Internal Microbes of <i>Eisenia fetida</i>	Ph.D. (Science)	14/12/2018
12	Ritesh Biswa	Prof. A. Mukhopadhyay & Dr. M. Bahadur (Co-supervisor)	Zoology	A STUDY ON TERMITES OF TEA PLANTATIONS IN TERAI REGION OF DARJEELING FOOTHILLS WITH INSECTICIDE TOLERANCE STATUS OF TWO COMMONLY OCCURRING TERMITE PESTS	Ph.D. (Science)	17/01/2019
13	Priyanka Bhattacharjee	Prof. A. Sen	Botany	Molecular detection and diversity analysis of <i>Bipolaris sorokiniana</i> (Sacc.) Shoemaker and induction of resistance in <i>Sorghum bicolor</i> (L.) Moench using bioinoculants	Ph.D. (Science)	22/01/2019
14	Malay Mitra	Prof. R.K. Samanta	Computer Science & Application	Medical Diagnosis Using Soft Computing Techniques	Ph.D. (Science)	22/01/2019
15	Sanjoy Saha	Dr. B. Sinha	Chemistry	Ionic Liquid-Supported Schiff Bases and their Transition Metal Complexes : Synthesis, Physico-Chemical Characterization and Biological Activities	Ph.D. (Science)	25/01/2019
16	Raja Ghosh	Prof. M.N. Roy	Chemistry	Physicochemical Investigation of Some Ionic Liquid Based Surfactants and Biologically Active Molecules in Diverse Arrangements	Ph.D. (Science)	30/01/2019
17	Abdul Miraj	Dr. S.K. Bhattacharya	Geography & Applied Geography	WETLANDS OF TUFANGANJ AND KOCH BIHAR SADAR SUB-DIVISIONS IN THE KOCH BIHAR DISTRICT, WEST BENGAL: A GEO-ENVIRONMENTAL STUDY	Ph.D. (Science)	30/01/2019
18	Biplab Roy	Prof. A.K. Panda	Chemistry	INTERFACIAL, KINETIC AND MECHANISTIC STUDIES ON DENDRIMER - LIPOSOME INTERACTIONS		04/02/2019

Sl. No.	Name of the Candidate	Name of the Supervisor(s)	Subject	Topic	Degree Obtained (as per New /Old ordinances)	Date when Admitted (Viva Voce)
19	Pritam Guha	Prof. A.K. Panda	Chemistry	PHYSICOCHEMICAL STUDIES ON LIPOSOME MIMETIC SYSTEMS AND THEIR COMPLEXES WITH BIOLOGICALLY RELEVANT POLYMERS	Ph.D. (Science)	04/02/2019
20	Sachina Yonzone	Prof. S.C. Roy and Dr. D.R. Chhetri (Co-supervisor)	Botany	Isolation and biochemical characterization of L-myoinositol-1-phosphate synthase from <i>Asterella khasiana</i> (Griff.) Grolle and <i>Sphagnum junghuhnianum</i> Doz. & Molk. of Darjeeling Hills	Ph.D. (Science)	05/02/2019
21	Chandana Singha	Prof. Ranjan Roy	Geography & Applied Geography	SPATIO- TEMPORAL CHANGE OF AGRICULTURAL LAND USE PATTERN IN SILIGURI SUBDIVISION , DARJEELING DISTRICT: A GEOGRAPHICAL ANALYSIS	Ph.D. (Science)	08/03/2019
22	Ashutosh Dutta	Prof. M.N. Roy	Chemistry	EXPLORATION OF DIVERSIFIED INTERACTIONS OF SOME SIGNIFICANT COMPOUNDS PREVALENT IN SEVERAL ENVIRONMENTS BY PHYSICOCHEMICAL CONTRIVANCE	Ph.D. (Science)	14/03/2019
23	Manoj Majumder	Prof. A. Misra	Chemistry	Theoretical Investigation of Optical and Spectroscopic Properties of Organometallic Complexes and Design of Improved Electroluminescent Materials	Ph.D. (Science)	15/03/2019
24	Asim Debnath	Prof. P.K. Mandal	Physics	Formulation and characterization of room temperature ferroelectric and antiferroelectric liquid crystal mixtures	Ph.D. (Science)	20/03/2019
25	Pushpa Lata Tigga	Prof. J. Sen	Anthropology	FACTORS AFFECTING CHILD NUTRITION IN NORTH BENGAL : A LONGITUDINAL STUDY	Ph.D. (Science)	27/03/2019
26	Sachin Thapa	Dr. Willie Henry	Zoology	Diversity of <i>Simulium</i> (Diptera : Simuliidae) from Darjeeling Hills based on Chromosomal study	Ph.D. (Science)	27/03/2019
27	Arindam Basak	Prof. S. Sarkar	Geography & Applied Geography	A GEOGRAPHICAL STUDY ON URBANIZATION AND ASSOCIATED PROBLEMS IN NORTH BENGAL	Ph.D. (Science)	28/03/2019

Sl. No.	Name of the Candidate	Name of the Supervisor(s)	Subject	Topic	Degree Obtained (as per New /Old ordinances)	Date when Admitted (Viva Voce)
28	Amarjit Kamath	Prof. B. Sinha	Chemistry	Hydrothermal Synthesis and Structural Characterization of Single Crystals of Metal-Organic Hybrid Complexes	Ph.D. (Science)	08/04/2019
29	Ranjita Roy Sarkar	Prof. Ranjan Roy	Geography & Applied Geography	A STUDY ON SOCIO-ECONOMIC CONDITIONS OF SLUM DWELLERS OF SILIGURI MUNICIPAL CORPORATION : A GEOGRAPHICAL ANALYSIS	Ph.D. (Science)	24/04/2019
30	Dawa Bhutia	Prof. Joydeb Pal	Zoology	STUDIES ON CYTOCHROME P450 IN SOME AIR BREATHING TELEOST FISH	Ph.D. (Science)	24/04/2019
31	Rakesh Ranjan Chakraborty	Prof. P. Ghosh	Chemistry	Explorative studies on carbon - nitrogen (C-N) bond formation and synthesis of nitrogen containing heterocyclic compounds	Ph.D. (Science)	02/05/2019
32	Tanmay Mukhopadhyay	Prof. S. Bhattacharjee	Zoology	Study of Genetic Diversity in the Threatened Ornamental Fishes, <i>Badis badis</i> (Hamilton - Buchanan, 1822) and <i>Amblyceps mangois</i> (Hamilton - Buchanan, 1822) from Terai and the Dooars region of North Bengal, India.	Ph.D. (Science)	16/05/2019
33	Neelee Kalyanee Chong Lepcha	Dr. Indira Lepcha	Geography & Applied Geography	AN ASSESSMENT OF THE LEVEL OF URBAN DEVELOPMENT IN KURSEONG MUNICIPALITY, DARJEELING DISTRICT, WEST BENGAL	Ph.D. (Science)	17/05/2019
34	Habibur Rahaman	Prof. M.N. Roy & Prof. B. Sinha (Co-supervisor)	Chemistry	Diverse Interactions of Some Significant Compounds Prevailing in Different Solvent Systems with the Manifestation of Solvation Consequence by Physicochemical Investigations	Ph.D. (Science) (2016)	17/05/2019
35	Susmita Dutta	Prof. M. Bahadur	Zoology	Biochemical and Molecular Studies on Pesticide-Exposed Workers of Tea Gardens of North Bengal	Ph.D. (Science)	24/05/2019
36	Gyan Chandra Pariyar	Prof. P. Ghosh	Chemistry	EXPLORATIVE STUDIES ON CARBON-HETERO BOND TRANSFORMATION REACTION AND CARBON-HETERO BOND FORMATION REACTION	Ph.D. (Science)	12/06/2019

Sl. No.	Name of the Candidate	Name of the Supervisor(s)	Subject	Topic	Degree Obtained (as per New /Old ordinances)	Date when Admitted (Viva Voce)
37	Bittu Saha	Prof. P. Ghosh	Chemistry	DEVELOPMENT OF NOVEL METHODOLOGIES FOR THE CONSTRUCTION OF C-HETERO BOND	Ph.D. (Science)	21/06/2019
38	Binu Dorjee	Prof. J. Sen	Anthropology	A STUDY ON NUTRITIONAL STATUS USING ANTHROPOMETRY AMONG THE LIMBOO POPULATION OF SIKKIM	Ph.D. (Science)	02/07/2019
39	Suvendu Kundu	Dr. P. Tarafdar and Dr. A. Sarkar (Co-sup.)	Anthropology	HEALTH CARE PRACTICES AMONG THE HILL KHARIA OF DISTRICT PURULIA AND BANKURA, WEST BENGAL.	Ph.D. (Science) Prior to 2009	03/07/2019
40	Avishek Das	Prof. T.K. Chaudhuri	Zoology	FREQUENCY AND DISTRIBUTION OF TLR GENES IN SOME HUMAN POPULATIONS OF NORTH BENGAL AND THEIR ASSOCIATION WITH RHEUMATOID ARTHRITIS	Ph.D. (Science)	05/07/2019
41	Ranjan Sarkar	Prof. Ranjan Roy	Geography & Applied Geography	A Study on Status of Socio - Economic Conditions of Dakshin Dinajpur District : A Geographical Analysis	Ph.D. (Science)	16/07/2019
42	Bhusan Gurung	Dr. D. Saha & Dr. P.K. Bhardwaj	Biotechnology	Cloning and characterization of genes involved in biosynthesis of ginsenosides from <i>Panax sokpayensis</i> Shiva K. Sharma & Pandit	Ph.D. (Science)	31/07/2019
43	Sumira Mukhia	Dr. P. Mandal & Dr. D.K. Singh (Co-supervisor)	Botany	STUDIES OF PHYTOCHEMICAL AND ANTIOXIDANT PROPERTIES OF SELECTED LIVERWORTS OF DARJEELING HIMALAYA	Ph.D. (Science)	01/08/2019
44	Washim Hossain	Dr. S. Haldar & Dr. U.K. Sarkar (Co-Supervisor)	Physics	Surface Enhanced Raman Spectroscopic Study of some Functional Molecules Adsorbed on Noble Metal Nano Particles	Ph.D. (Science)	06/08/2019
45	Pallab Kar	Prof. A. Sen	Botany	Studies of molecular diversity and chemical properties of selected medicinal members under the genus <i>Clerodendrum L.</i>	Ph.D. (Science)	06/09/2019

Sl. No.	Name of the Candidate	Name of the Supervisor(s)	Subject	Topic	Degree Obtained (as per New /Old ordinances)	Date when Admitted (Viva Voce)
46	Ananya Yasmin	Prof. M.N. Roy	Chemistry	Investigation of Host Guest Inclusion Complexations and Diverse Interactions of Some Industrially and Biologically Potent Molecules in Assorted Phases by Physicochemical Methodologies	Ph.D. (Science)	06/09/2019
47	Sri Gourab Karmakar	Prof. M.K. Panda	Chemistry	PHYSICOCHEMICAL INVESTIGATION ON NANOSTRUCTURED LIPID CARRIERS	Ph.D. (Science)	09/09/2019
48	Susanta Chakraborty	Prof. M.K. Das	Physics	PHASE TRANSITIONS IN BINARY MIXTURES OF CALAMITIC AND BENT-CORE MESOGENS	Ph.D. (Science)	12/09/2019
49	Indrani Sarkar	Prof. A. Sen	Botany	Bioinformatic characterization of selected Actinobacteria with a focus on biotopic diversity	Ph.D. (Science)	13/09/2019
50	Writuparna Chakraborty	Prof. S. Rohatgi	Geography & Applied Geography	THE SOCIAL STATUS OF THE WORKING WOMEN - A CASE STUDY OF THE COOCH BEHAR TOWN	Ph.D. (Science)	30/09/2019
51	Bijan Kumar Pandit	Prof. Biswajit Sinha	Chemistry	SOLUTION THERMODYNAMICS OF SOME BIOLOGICALLY IMPORTANT COMPOUNDS IN VARIOUS AQUEOUS MEDIA	Ph.D. (Science)	18/11/2019
52	Seema Dwivedi	Dr. Sajal Das & Prof. B. Basu, (Co- Supervisor)	Chemistry	GREEN APPROACHES TOWARDS TRANSITION-METAL-CATALYZED AND METAL-FREE C-C AND C-HETEROATOM COUPLING REACTIONS	Ph.D. (Science)	21/11/2019