

University of North Bengal
Ph.D. list of 48th 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
01	Ritu Rai	Prof. A. Sen	Botany	Diversity study of <i>Rhizobium</i> of North Bengal and Sikkim through biochemical and molecular characterization and exploration of their role as biofertilizer	Ph.D. (Science)	22/7/2017
02	Ayan Roy	Prof. A. Sen	Botany	Riddles of human intestinal microflora- a bioinformatics perspective	Ph.D. (Science)	22/7/2017
03	Subhrajyoti Roy	Prof. T.K. Chaudhuri	Zoology	IMMUNOPHARMACOLOGICAL INVESTIGATION OF AN EDIBLE FERN, <i>DIPLAZIUM ESCULENTUM</i> (KOENIG EX RETZ.) SW., AVAILABLE IN NORTH BENGAL REGION	Ph.D. (Science)	01/9/2017
04	Sarita Kumari	Prof. P.K. Sarkar	Botany	Enumeration and characterisation of <i>Bacillus cereus</i> strains in the dairy environment of the district of Darjeeling, India	Ph.D. (Science)	14/11/17
05	Sujit Ghosh	Pof. B. Basu	Chemistry	GREENER APPROACH TOWARDS ORGANIC TRANSFORMATIONS: APPLICATION OF TRANSITION METAL CATALYSTS AND ECO-FRIENDLY REACTION MEDIA	Ph.D. (Science)	14/11/17
06	Aniruddha Palit	Prof. D.P. Datta	Mathematics	Studies on Some Aspects of Lienard Like Dynamical Systems	Ph.D. (Science)	14/11/17
07	Prasanjit Ghosh	Dr. Sajal Das	Chemistry	Synthesis of functionalized 4-quinolones and their reactions: Approaches towards bioactive molecules	Ph.D. (Science)	14/11/17
08	Sujata Kalikotay	Dr. B.C. Sharma (ABN Seal College)	Botany	Screening, Isolation and Identification of Antimicrobial and Antioxidant Substances from Some Common Lichens of Darjeeling Hills	Ph.D. (Science)	14/11/17
09	Bimala Rai	Dr. B.C. Sharma (ABN Seal College)	Botany	MICROBIOLOGICAL QUALITY OF WATER OF SOME IMPORTANT LAKES OF TOURIST IMPORTANCE IN DARJEELING HILLS	Ph.D. (Science)	14/11/17
10	Anjali Km Prasad	Prof. A. Mukhopadhyay	Zoology	Food Utilization Efficiencies and Developmental Traits of Common Tea loopers (Geometridae : Lepidoptera) on Natural host Plants and Synthetic Diets	Ph.D. (Science)	27/12/2017
11	Siddhartha Sankar Baisya	Prof. P.S. Roy	Chemistry	Coordination chemistry of pteridine ligands with transition and d ¹⁰ metals		27/12/2017

12	Mainul Hoque	Prof. P. Ghosh	Chemistry	VISCOSITY INDEX IMPROVER AND POUR POINT DEPRESSANT PROPERTIES OF ADDITIVES FOR LUBRICATING OIL	Ph.D. (Science)	27/12/2017
13	Manas Ranjan Saha	Prof. A. Sen	Botany	Medicinal and molecular documentation of some members of Mimosaceae and their microsymbionts	Ph.D. (Science)	27/12/2017
14	Saran Kumar Gupta	Dr. P. Mandal,	Botany	Elicitor induced biochemical changes associated with nitric oxide and calcium signaling during seed germination in <i>Trigonella foenum - graecum</i> L.	Ph.D. (Science)	30/01/2018
15	Barnali Kar,	Dr. Sajal Das, and Prof. S.K. Saha, (Co-Supervisor),	Chemistry	Organic Transformations in Microemulsion Media	Ph.D. (Science)	30/01/2018
16	Sukanta Majumdar,	Prof. U. Chakraborty,	Botany	Evaluation of Jute Rhizospheric Bacteria for Plant Growth Promotion and Disease Suppression	Ph.D. (Science)	30/01/2018
17	Tanmay Chowdhury,	Dr. Dilip De Sarkar & Dr. S.C. Roy, (co-Supervisor)	Botany	Ethnobotany of Dakshin Dinajpur district with special reference to diversity and conservation of <i>Ocimum</i> species	Ph.D. (Science)	30/01/2018
18	Sweata Khati,	Prof. B.N. Chakraborty,	Botany	Elucidation of multicomponent coordinated defense strategies in rice plant against <i>Drechslera oryzae</i>	Ph.D. (Science)	30/01/2018
19	Govinda Prasad Luitel	Prof. P. Ghosh & Dr. Bhaskar Chakraborty, (Co-supervisor),	Chemistry	Greener synthesis of some new isoxazolidine and isoxazoline derivatives via 1,3-Dipolar cycloaddition reactions and studies of biological activities of the cycloadducts	Ph.D. (Science)	30/01/2018
20	Puspanjali Ray,	Prof. B.N. Chakraborty,	Botany	Search for Novel Actinomycetes from soil as potential Biocontrol agent against Fungal root pathogens of <i>Phaseolus vulgaris</i> (L.) and <i>vigna radiata</i> (L.)	Ph.D. (Science)	30/01/2018
21	Nar Pati Sharma,	Prof. A.P. Das,& Dr. M.D. Behera, (Co- Supervisor),	Botany	SPECIES RICHNESS AND PRODUCTIVITY PATTERN ALONG ALTITUDINAL GRADIENTS IN EAST DISTRICT OF SIKKIM, INDIA	Ph.D. (Science) Prior to 2009	30/01/2018
22	Biswajit Datta	Prof. M.N. Roy	Chemistry	EXPLORATION OF MISCELLANEOUS INTERFACES OF SOME IONIC SOLIDS AND IONIC LIQUIDS PREVAILING IN VARIOUS SOLVENT SYSTEMS BY THE PROCESS OF PHYSICOCHEMICAL CONTRIVANCE	Ph.D. (Science)	10/2/2018

23	Nayan Thapa	Dr. D. Lama (St. Joseph's College)	Botany	Studies on the Pteridophytic flora of Darjiling Hills	Ph.D. (Science)	10/2/2018
24	Mithun Ghosh	Prof. K.K. Nandi	Mathematics	NEW INVESTIGATIONS IN THE GALACTIC HALO	Ph.D. (Science)	10/2/2018
25	Siti Barman	Prof. M.N. Roy	Chemistry	INVESTIGATION ON SOLVATION BEHAVIOUR AND HOST GUEST INCLUSION COMPLEXES OF SOME SIGNIFICANT MOLECULES WITH DIVERSE CYCLIC COMPOUNDS	Ph.D. (Science)	11/04/2018
26	Kanak Roy	Prof. M.N. Roy	Chemistry	INCLUSION COMPLEXES AND SOLVATION CONSEQUENCES OF IONIC LIQUIDS AND BIOLOGICALLY ACTIVE MOLECULES IN LIQUID SYSTEMS	Ph.D. (Science)	11/04/2018
27	Pokhraj Guha	Prof. T.K. Chaudhuri & Co-supervisor : Prof. S. Bhattacharjee, NBU & Dr. B. Halder, NBMC	Zoology	STUDY OF THE GENETIC DIVERSITY OF KILLER CELL IMMUNOGLOBULIN LIKE RECEPTORS (KIRs) IN SOME HUMAN POPULATIONS OF SUB- HIMALAYAN REGION	Ph.D. (Science)	11/04/2018
28	Anand Sharma	Prof. P.K. Sarkar	Botany	Antinutritional factors as influenced by processing parameters during the production of some traditional legume-based fermented foods of India	Ph.D. (Science)	11/04/2018
29	Abhijit Sarkar	Dr. B. Sinha	Chemistry	SOLUTION BEHAVIOUR OF SOME FOOD ADDITIVES AND DRUGS IN DIFFERENT AQUEOUS MEDIA: A PHYSICO-CHEMICAL STUDY	Ph.D. (Science)	Viva-Voce 24/04/18
30	Prasanta Kumar Bera	Dr. D. Saha & Prof. S.K. Ghosh (Co-supervisor)	Biotechnology	Phenotypic and Molecular Characterization of Siri (<i>Bos indicus</i>) cattle breed from Eastern Sub - Himalayan Region	Ph.D. (Science)	Viva-Voce 24/04/18
31	Rakesh Kar	Prof. B.C. Paul & Prof. A. Misra (Co-supervisor)	Physics	A THEORETICAL INVESTIGATION ON SPIN WAVE INSTABILITY AND MAGNON MEDIATED SUPERCONDUCTIVITY	Ph.D. (Science)	Viva-Voce 07/05/18
32	Mridusmita Goswami	Dr. S.K. Biswas	Anthropology	A SOCIO-RELIGIOUS STUDY ON THE SATRA INSTITUTION OF ASSAM WITH SPECIAL REFERENCE TO BARPETA SATRA AND ITS RELATIONS WITH THE <i>HATIS</i> (CLUSTER OF SETTLEMENTS)	Ph.D. (Science)	Viva-Voce 07/05/18
33	Sri Nazrul Islam	Prof. Ranjan Roy	Geography & Applied Geography	SOCIO-ECONOMIC AND ENVIRONMENTAL IMPACT OF BRICK KILN INDUSTRY IN	Ph.D. (Science)	Viva-Voce 23/05/18

				TUFANGANJ BLOCK-1 OF KOCH BIHAR DISTRICT, WEST BENGAL – A GEOGRAPHICAL ANALYSIS		
34	Suchisree Jha	Dr. Palas Mandal & Dr. Amitava Ghosh	Botany	Studies of biochemical attributes of mulberry leaves and silkworm rearing system through elicitation by peptides and other growth regulators	Ph.D. (Science)	Viva-Voce 29/05/18
35	Sanghati Bhattacharya	Prof. A. Sen	Botany	Characterization and diversity of selected Actinorhizal haemoglobin genes and proteins with reference to <i>Alnus-Frankia</i> symbiosis	Ph.D. (Science)	Viva-Voce 29/05/18
36	Aditi Roy	Prof. M.N. Roy	Chemistry	STUDY TO EXPLORE MOLECULAR INCLUSION COMPLEXES OF CYCLIC HOSTS WITH VITAL GUESTS IN VARIOUS ENVIRONMENTS	Ph.D. (Science)	Viva-Voce 08/06/18
37	Kumar Basnet	Prof. A.Mukhopadhyay & Dr. Min Bahadur	Zoology	Enzyme - based detection of pesticide tolerance in the sucking tea pest, <i>Helopeltis theivora</i> Waterhouse (Insecta: Heteroptera: Miridae) with a study on bio-ecological aspects of its common spider predator from the Terai tea plantations of Darjeeling foothills and plains	Ph.D. (Science)	Viva-Voce 12/06/18
38	Banita Sinha	Prof. A.K. Panda & Prof. A. Misra (Co-sup.)	Chemistry	Physicochemical and Theoretical Investigations on the Synthesis, Characterization and Optoelectronic Properties of Nanoparticles	Ph.D. (Science)	Viva-Voce 13/06/18
39	Amrita Mitra	Dr. P. Bandyopadhyay & Dr. A.N. Biswas (Co-supervisor)	Chemistry	Multidentate Ligand Systems : Metal Binding and Applications	Ph.D. (Science)	Viva-Voce 13/06/18
40	Koushik Dey	Prof. P. Ghosh	Chemistry	SYNTHESIS AND PERFORMANCE EVALUATION OF CHEMICAL ADDITIVES FOR LUBE OIL	Ph.D. (Science)	Viva-Voce 13/06/18
41	Gulmi Chakraborty	Prof. S.K. Saha	Chemistry	Studies on the Aggregation Characteristics of Selected Surfactants and Surface Active Ionic Liquids	Ph.D. (Science)	Viva-Voce 18/06/18
42	Biraj Kumar Barman	Prof. M.N. Roy	Chemistry	INVESTIGATION OF DIVERSE INTERACTIONS AND INCLUSION COMPLEXATION IN DIFFERENT ENVIRONMENTS BY PHYSICO-CHEMICAL METHODOLOGY	Ph.D. (Science)	Viva-Voce 21/06/18
43	Mossaraf Hossain	Dr. A.K. Nanda	Chemistry	SOLVENT FREE SYNTHESIS OF SOME HETEROCYCLES AND THEIR APPLICATIONS	Ph.D. (Science)	Viva-Voce 23/06/18
44	Bipul Chandra Sarkar	Prof. Ranjan Roy	Geography & Applied Geography	SOCIO- ECONOMIC STATUS OF TRIBAL PEOPLE IN MAL SUBDIVISION OF JALPAIGURI DISTRICT, WEST BENGAL: A GEOGRAPHICAL ANALYSIS	Ph.D. (Science)	Viva-Voce 02/07/18

45	Saurav Moktan	Prof. A.P. Das	Botany	PHYTOSOCIOLOGICAL CHARACTERIZATION OF VEGETATION IN DARJILING HILLS	Ph.D. (Science)	Viva-Voce 04/07/18
46	Subhadeep Saha	Prof. M.N. Roy	Chemistry	STUDY TO EXPLORE THE FORMATION OF HOST-GUEST INCLUSION COMPLEXES OF CYCLODEXTRINS WITH BIOLOGICALLY ACTIVE MOLECULES AND CROWN ETHERS WITH IONIC LIQUIDS BY SPECTROSCOPIC AND PHYSICOCHEMICAL TECHNIQUES	Ph.D. (Science)	Viva-Voce 06/07/2018
47	Bhaskar Ganguly	Dr. Sajal Das & Prof. B. Basu (Co-sup.)	Chemistry	Transition-metal catalyzed organic transformations and application towards the synthesis of heterocyclic compounds	Ph.D. (Science)	11/07/2018 Viva-Voce
48	Tamal Sarkar	Dr. A. Bhadra	Physics	SEARCH FOR SOME OBSERVATIONAL SIGNATURES OF GENERAL RELATIVITY	Ph.D. (Science)	Viva-Voce 16/07/2018
49	Anish Chakrabrty	Prof. M.K. Das	Physics	STUDY OF PHYSICAL PROPERTIES OF BENT-CORE MESOGENS HAVING NEMATIC AND SMECTIC PHASES	Ph.D. (Science)	Viva-Voce 16/07/2018
50	Shibu Das	Prof. A. Saha & Dr. D. Saha (Co-sup.)	Botany	Analysis of specific transcripts following induction of defense in tea against foliar fungal pathogens	Ph.D. (Science)	Viva-Voce 16/07/2018
51	Arnab Saha		Botany	Studies on some leaf and fruit diseases of <i>Lagenaria siceraria</i> (Molina) Standl. and their management	Ph.D. (Science)	Viva-Voce 17/07/2018
52	Jayanta Das	Dr. S.K. Bhattacharya	Geography & Applied Geography	STRATEGIES FOR REPLACEMENT OF TOBACCO CULTIVATION IN DINHATA SUBDIVISION OF KOCH BEHAR DISTRICT, WEST BENGAL, INDIA	Ph.D. (Science)	Viva-Voce 17/07/2018
53	Shibu Barman	Prof. B.N. Chakraborty & Prof. U. Chakraborty (Co-sup.)	Botany	DEVELOPMENT OF YEAR LONG EDIBLE MUSHROOM CULTIVATION PRACTICES IN NORTH BENGAL AND FIELD EVALUATION OF SPENT MUSHROOM SUBSTRATE FOR CROP IMPROVEMENT	Ph.D. (Science)	Viva-Voce 02/08/2018
54	Neelam Rai	Prof. P. Ghosh & Dr. B. Chakraborty (Co-supervisor)	Chemistry	Greener synthesis and 1,3-Dipolar cycloaddition reactions of α amino nitrones and studies of biological activities of the cycloadducts	Ph.D. (Science)	Viva-Voce 02/08/2018
55	Jayanwita Sarkar,	Prof. U. Chakraborty & Prof. B.N. Chakraborty (Co-sup.)	Botany	Temperature stress in wheat plants, its alleviation by selected plant growth promoting rhizobacteria and comparative evaluation of their role in tolerance to biotic stress	Ph.D. (Science)	Viva-Voce 06/08/2018

56	Somit Dutta	Prof. T.K. Chaudhuri	Zoology	Immunopharmacological Evaluation of Leaf Extract of an Ethnomedicinal Herb, <i>Croton bonplandianus</i> Baill. (Euphorbiaceae)	Ph.D. (Science)	Viva-Voce 06/08/2018
57	Jayanta Choudhury	Prof. U. Chakraborty	Botany	STUDIES ON THE ANTIOXIDATIVE AND OTHER BENEFICIAL PROPERTIES OF SOME PLANTS FROM WETLANDS OF NORTH BENGAL	Ph.D. (Science)	Viva-Voce 07/08/2018
58	Sandip Dev Chaudhuri,	Prof. U. Chakraborty	Botany	Medicinal properties of some dietary herbs and spices	Viva-Voce Ph.D. (Science)	Viva-Voce 07/08/2018
59	Mitali Kundu	Prof. M.N. Roy	Chemistry	Exploration of Inclusion Complexes between Host and Guest Molecules and Solvation Effect of Some Vital Molecules in Various Environments	Ph.D. (Science)	Viva-Voce 09/08/2018
60	Sujit Talukdar	Prof. P. Ghosh	Chemistry	NOVEL POLYMERIC ADDITIVES FOR MODIFYING THE PERFORMANCE OF LUBRICATING OIL	Ph.D. (Science)	Viva-Voce 09/08/2018
61	Arpita Dey	Prof. S. Barat	Zoology	BREEDING BEHAVIOUR, EMBRYONIC DEVELOPMENT AND BARCODING OF THE ORNAMENTAL LOACHES (COBITIDAE: CYPRINIFORMES) OF TERAJ REGION OF WEST BENGAL, INDIA	Ph.D. (Science)	Viva-Voce 21/08/2018
62	Shyama Prasad Saha	Dr. S. Ghosh	Biotechnology	Production of microbial xylanase under submerged fermentation of agro-residues and its application in xylitol production	Ph.D. (Science)	Viva-Voce 21/08/2018
63	Madhurima Paul Chowdhury	Prof. S.K. Saha	Chemistry	Physicochemical studies on double-chain amphiphiles and their aggregation behavior in different media	Ph.D. (Science)	Viva-Voce 24/08/2018
64	Tarun Kumar Misra	Prof. A. Saha & Dr. A.K. Nanda (Co-sup.)	Botany	EVALUATION OF ANTIOXIDANT PROPERTIES OF TEA UNDER VARIOUS AGRO - CLIMATIC CONDITIONS OF NORTH BENGAL	Ph.D. (Science) Prior to 2009	Viva-Voce 10/08/2018
65	Goutam Saha	Prof. A.P. Das	Botany	SPERMATOPHYTIC FLORA OF GORUMARA NATIONAL PARK IN THE DUARS OF WEST BENGAL, INDIA	Ph.D. (Science)	Viva-Voce 08/08/2018
66	Rumi Deb	Prof. B.C. Paul	Physics	Relativistic solutions of massive compact objects and stellar models in different space-time geometries	Ph.D. (Science)	Viva-Voce 21/08/2018
67	Sudipta	Prof M.K. Das	Physics	Phase Transition in Binary Liquid	Ph.D. (Science)	Viva-Voce 24/08/2018

	Kumar Sarkar			Crystalline Mixtures		
68	Bappa Sarkar	Prof. Ranjan Roy	Geography & Applied Geography	PROBLEMS AND PROSPECTS OF IRRIGATION IN KOCH BIHAR DISTRICT, WEST BENGAL - A GEOGRAPHICAL ANALYSIS	Ph.D. (Science)	Viva-Voce 27/08/2018
69	Koyeli Das	Prof. M.N. Roy	Chemistry	Physicochemical Investigation of Assorted Interactions of Some Imperative Compounds with the manifestation of Solvation Effects prevalent in Diverse Solvent Systems	Ph.D. (Science)	Viva-Voce 31/08/2018