

NST Fellowship Mphil 2024-2025 (Physical Science) (Renewal Group)

Serial No.	Tracking Number	Name	Email	University	Department	Renewal Year	Research Title
1	1719426031	Farjana Rahman	farjana4297@gmail.com	University of Dhaka	Chemistry	2nd Year	Functionalized Jute Fiber/Polymer Composites as the Efficient Adsorbents for the Removal of Organic Dyes from Aqueous Solutions
2	1719548664	Romana Sultana	romanasultana123@gmail.com	Bangladesh University of Engineering and Technology (BUET)	Department of Mathematics	3rd Year	NUMERICAL SIMULATION AND SENSITIVITY STUDY OF DOUBLE DIFFUSIVE MIXED CONVECTION IN AN ENCLOSER WITH ZIGZAG BOTTOM WALL AND A TORSIONALLY OSCILLATING LID USING HYBRID NANOFLUID

NST Fellowship PhD 2024-2025 (Food and Agricultural Science) (Renewal Group)

Serial No.	Tracking Number	Name	Email	University	Department	Renewal Year	Research Title
1	1716724600	Sultana Afroz	safroz_dae@yahoo.com	University of Rajshahi	Department of Agronomy	2nd Year	Study the Incidence of Insect-Mite in Jute Ecosystem and Population Genetic Structure of Economically Important Jute Pests in Bangladesh
2	1717561392	Md. Asaduzzaman Jemy	jemy.hstu@gmail.com	Bangladesh Agricultural University	Surgery and obstetrics	4th Year	Field application of artificial insemination and identification of prolific sheep in Bangladesh
3	1717568858	Balaram Mahalder	balaramssoq@gmail.com	Bangladesh Agricultural University	Aquaculture	3rd Year	Assessing impacts of climate change on stinging catfish (<i>Heteropneustes fossilis</i> , Bloch) seed production towards sustainable hatchery operation
4	1717563144	SAYERA KHATUN	sayerasaara@gmail.com	University of Rajshahi	Department of Agronomy	3rd Year	Characterization and evaluation of potential biocontrol agents for sustainable control of rice blast
5	1717334793	Rashidul Hasan	rumel.sau@gmail.com	Sylhet Agricultural University	Crop Botany and Tea Production Technology	4th Year	Selection of drought tolerant tea clones having higher yield and better liquor quality
6	1718517885	Mohammed Jahangir Alam	jalamtitu.22385@bau.edu.bd	Bangladesh Agricultural University	Department of Fisheries	4th Year	Cryogenic sperm banking of Rohu (<i>Labeo rohita</i>) and Bighead carp (<i>Hypophthalmichthys nobilis</i>) and production of their quality seeds using cryopreserved sperm in the selected hatcheries
7	1717654777	Md. Faruk Hossain	farukgolap@gmail.com	Bangladesh Agricultural University	Horticulture	2nd Year	Screening of drought tolerant carrot genotypes for root and seed production in Bangladesh
8	1718235222	Najmun Nahar Popy	najmun03031@gmail.com	Bangladesh Agricultural University		4th Year	Genomic Characterization of Zoonotic Salmonella Serovars Isolated from Clinically Suspected Chicken
9	1717394420	Most. Nahida Khatun	nahidanilla334@gmail.com	Bangladesh Agricultural University	Department of Pathology	2nd Year	Surveillance of major respiratory viral pathogens in migratory and wild resident birds in selected areas in Bangladesh
10	1717585636	Suraia Akhter	suraiabau01@gmail.com	Bangladesh Agricultural University	Agricultural Science	3rd Year	Livelihood Changes of the Farmers Due to Transformation into Sandbar Farming
11	1717510423	A. H. M. Maniruzzaman Rabbani	maniruzzamandae@gmail.com	Bangladesh Agricultural University	Agricultural Science	3rd Year	Green synthesis of nanoparticles and study on their potential uses in crop production
12	1717673143	Nargis Sultuna Lucky	luckymaria12@yahoo.com	Bangladesh Agricultural University	Department of Agricultural Extension Education	3rd Year	Prospects and Challenges of Small- Scale Commercial Broiler Farming
13	1717577190	Mohammad Abu Baker Siddique	ab_siddiquebau@yahoo.com	Bangladesh Agricultural University	Fisheries Biology and Genetics	4th Year	Assessing climate change impacts on growth and seed production of tilapia (<i>Oreochromis niloticus</i>) in traditional and control husbandry systems to develop mitigation strategies for sustainable hatchery operation
14	1719527119	Bitopi Biswas	bitopi38ru@gmail.com	University of Rajshahi	Department of Agronomy	2nd Year	EVALUATION OF FUZZY COGNITIVE MAPS FOR DECISION MAKING IN PRECISION AGRICULTURE OF BANGLADESH (বাংলাদেশের ষথার্থ কৃষিতে সিদ্ধান্ত গ্রহণের জন্য Fuzzy Cognitive Map এর মূল্যায়ন)
15	1717833537	AYSHA JANNATUL FERDOUSI	aysha.farabi@gmail.com	Sher-e-Bangla Agricultural University	Horticulture	3rd Year	Year-Round Onion Production Package Development and Post-Harvest Management

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16	1718291052	SHAJJAD HOSSIAN	hossians19@gmail.com	Bangladesh Agricultural University	Department of Fisheries	3rd Year	Development of cryogenic sperm bank of Mrigal (<i>Cirrhinus cirrhosus</i>) and Grass carp (<i>Ctenopharyngodon idella</i>) and production of their quality seeds using cryopreserved sperm in the selected commercial hatcheries
17	1719244863	Muhammad Muktaruzzaman	mmuktaruzzaman@gmail.com	Bangladesh Agricultural University		2nd Year	Sero-epidemiology and molecular detection of Brucella infections in sheep and goats in some of the selected districts of Bangladesh.
18	1718116428	Nabila Narzis	nabilanarzis4926@gmail.com	Sher-e-Bangla Agricultural University	Genetics and Plant Breeding	3rd Year	Genetic Analysis for Different Traits of Brassica rapa
19	1718391172	Rehana Parvin	rehanaparvin.rupa@gmail.com	Chattoogram Veterinary and Animal Sciences University	Department of Pathology and Parasitology	2nd Year	Molecular detection including Genomic & Proteomic analyses of cystic echinococcosis in humans and animals.
20	1719291833	Md. Riyadh Arefin	riyadh.btri@gmail.com	Bangladesh Agricultural University	Department of Botany	2nd Year	Screening and characterization of tea germplasms for waterlogging tolerance ability
21	1718088507	Piash Kumer Ghosh	piashsindicate@gmail.com	Sylhet Agricultural University	Veterinary medicine and animal husbandry	2nd Year	Isolation, Molecular characterization and antimicrobial resistance pattern of bacteria associated with respiratory tract infection in buffalo
22	1718308918	Nazia Binta Islam	nazia29bd@gmail.com	Bangladesh Agricultural University	Department of Plant Pathology	3rd Year	Assessment of genetic variability of <i>Candidatus liberibacter asiaticus</i> causing citrus greening and its improved management in sweet orange
23	1718172292	Rawnak Jahan	rawnak.asbau@gmail.com	Bangladesh Agricultural University	Animal Science	2nd Year	Quality Attributes and Nutrient Database of Primal Cuts and Fat of Indigenous and Crossbred Cattle
24	1719389659	Md Mokaddes Hossain	mokaddes.hstu11@gmail.com	Bangabandhu Sheikh Mujibur Rahman Agricultural University	Department of Genetic and Plant Breeding	2nd Year	Development of Premium Quality Hybrid Rice (<i>Oryza sativa</i> L.) Utilizing Diversified CMS System
25	1719495001	UMME KULSUM SHANTA	shanta.pstu.ag@gmail.com	Patuakhali Science and Technology University	Department of Soil Science	2nd Year	Silicon mediated improvement of yield and morpho-physiological properties of rice at coastal region of Bangladesh
26	1719300742	Md. Mosiur Rahman	cipmosiur@yahoo.com	University of Rajshahi	Department of Agronomy and Agricultural Extension	3rd Year	Application of Good Agricultural Practices by Ethnic People in Barind Area of Bangladesh
27	1719155989	Sheik Istiak Md Shahrir	sheikshahrir191@gmail.com	Bangladesh Agricultural University	Department of Fisheries	3rd Year	Microplastics in fish and fishery products and their effects on physiology of striped catfish, <i>Pangasianodon hypophthalmus</i>
28	1719736871	Eyad Ahmed	eyadinfs@gmail.com	University of Dhaka	Institute of Nutrition and Food Science	2nd Year	Trends in Dietary Nutrient Intake and Diet Quality of Bangladeshi Rural Pregnant Women: Evidence from Nationwide Surveys

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29	1719496896	Most. Papia Sultana	papiabsmrau4@gmail.com	Sher-e-Bangla Agricultural University	Department of Entomology	2nd Year	Insect Diversity and their Impact on Soybean (<i>Glycine max L.</i>) Yield in Bangladesh
30	1719485462	DR. Muhammad Riazul Islam	mrislam82@gmail.com	Bangladesh Agricultural University	Theriogenology	2nd Year	Application of genomic tools for selection of crossbred Friesian cattle with increased productivity and adaptability in Bangladesh

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1	1719294472	Md. Ohiduzzaman	ohid@just.edu.bd	Jagannath University	Department of Physics	2nd Year	Green Synthesis and Characterization of Silver Nanoparticles from Different Vegetative, Fruits and Leaves for Power Monitoring
2	1717944332	Md. Yousuf Ali	yousufmath33@gmail.com	Bangladesh University of Engineering and Technology (BUET)	Applied Mathematics	2nd Year	A Numerical Investigation with Sensitivity Analysis on Mixed Convective Heat Exchanger using Hybrid Nanofluids
3	1716461848	Biplab Biswas	bbiswas@isrt.ac.bd	University of Rajshahi	Statistics	3rd Year	Integrated Statistical Modeling and Scaling for scRNA-seq and Spatial Transcriptomics Data Analysis
4	1717579633	Md. Matiar Rahman	matiarchem@gmail.com	University of Rajshahi	Department of Chemistry	3rd Year	SYNTHESIS, CHARACTERIZATION AND PROPERTIES OF POLYMETHYLMETHACRYLATE BASED WELL-DEFINED BLOCK COPOLYMER BY ATOM TRANSFER RADICAL POLYMERIZATION.
5	1718678861	A.N.M. Mamun Shahriar	shahriar.mamun82@gmail.com	Jashore University of Science & Technology	Chemistry	2nd Year	Photo-induced hydrogen production for fuel cell application
6	1719488431	Md. Mahade Hasan	mhasan007amc@gmail.com	Jahangirnagar University	Department of Chemistry	3rd Year	'Interaction of dye with synthesized and conventional surfactants in additives media at different temperatures as well as the exclusion of dye from water using surfactants'
7	1718080402	ASMA SULTANA TUKTUKI	asmatuktuki90@gmail.com	Khulna University of Engineering & Technology	Chemistry	3rd Year	Effects of cross-linker on jute sticks cellulose-based hydrogel and its applications in wastewater treatment
8	1719739101	MD SOHEL RANA	ms.rana@just.edu.bd	Jashore University of Science & Technology	Department of Chemical Engineering	4th Year	Biodegradable and active polymeric matrices reinforced with silver-doped titania nanocoating for state-of-the-art technology of food packaging.
9	1719333846	Umasree Dhar	umasree2010@bou.ac.bd	University of Dhaka	Department of Physics	2nd Year	Development and Characterization of Graphene Oxide Coated Nano Ferrites for Magnetic Resonance Imaging and Hyperthermia Treatment
10	1719132720	SUMAN CHANDRA BISWASH	bsumn3699@gmail.com	University of Dhaka	Geography and Environmental Science	3rd Year	Geomorphological Control of Tourism in the off-shore Islands of Bangladesh: A Case of the Bangabandhu Island

NST Fellowship PhD 2024-2025 (Biological and Medical Science) (Renewal Group)

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1	1718013852	DR. MD. MARUF-UR-RAHMAN	marufbd80@gmail.com	Jagannath University	Biochemistry & Molecular Biology	2nd Year	Genetic Association of Vitamin D-Binding Protein and Vitamin D Receptor Gene Polymorphisms with Susceptibility to Coronary Artery Disease in Bangladesh
2	1718271404	Md Amzad Hossain	amzadgeb05@gmail.com	University of Dhaka	Biochemistry & Molecular Biology	2nd Year	Cloning and heterologous expression of novel antibiotic 'Homicorcin' gene cluster from Staphylococcus hominis MBL_AB63 to Lactococcus lactis NZ9000
3	1718426311	Tahmina Afroz	tahminaafroz1107@gmail.com	University of Dhaka	Department of Pharmacy	4th Year	Phytochemical and Biological Investigation of some Seaweeds of Caulerpaceae family of Bangladesh
4	1719430856	Ashaduzzaman	asad.ibscru@gmail.com	University of Rajshahi	INSTITUTE OF BIOLOGICAL SCIENCES	2nd Year	Bioactive Metabolites Isolated From Microorganisms and Study of Its' Anticancer Activity
5	1719310596	Kazi Sadia Nawrin	sadianawrin477@gmail.com	University of Dhaka	Department of Botany	2nd Year	Hydrobiology of Mahitulpa haor with special emphasis on aquatic macrophytes.

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1	1719580957	Mst. Samsad Khatun	samsadsathi13@gmail.com	University of Rajshahi	Chemistry	2nd Year	Effect of nanoparticles as feed additives on growth performance and physiological changes in stinging catfish, <i>Heteropneustes fossilis</i>