

NST Fellowship MS/MSc 2023-2024 (Food & Agricultural Science)					
Serial No.	Tracking Number	Name	University	Department	Research Title
1689	1687274703	Muhammad Mamunur Roshid	Hajee Mohammad Danesh Science and Technology University		Evaluation of the Different Stage of Estrous Cycle through Vaginal Electrical Impedance in Cows
1690	1687431567	MD. ASIFUR RAHAMAN	Chattogram Veterinary and Animal Sciences University	Applied Chemistry and Chemical Technology	Transforming the problems of Sucker fish ( <i>Pterygoplichthys pardalis</i> ) into prospects: A comprehensive study towards Sustainable Food and Feed Development
1691	1689240805	Md. Jawatul Islam Rakib	Sylhet Agricultural University	Department of Horticulture	Integration of tricho-compost and tricho-leachate to improve growth, disease management and yield of brinjal
1692	1689308765	Rakib Hossain Shawon	Bangladesh Agricultural University	Department of Fisheries	Exploring the role of Probiotics in Mitigating High Temperature-Induced Growth Retardation in Rohu ( <i>Labeo rohita</i> )
1693	1689396418	Kaniz Mostarin Tanha	Bangabandhu Sheikh Mujibur Rahman Agricultural University		Influence of Endophytic Yeasts Supplemented Diets on the Embryonic Development, Larval Development, Fry Growth and Survival of <i>Barbonymus gonionotus</i>
1694	1689418520	Mst. Tania Khatun	Islamic University, Kusthia	Biotechnology and Genetic Engineering	Micropropagation and Identification of the Physiological and Genetic Variation on In Vitro Regeneration of Red and White type Dragon Fruit
1695	1689430060	Nasrin Sultana	Bangladesh Agricultural University	Department of Agronomy	Effect of Co-compost Based Nutrient Management on Wheat Productivity Under Different Irrigation Regimes
1696	1689430705	Farhana Afrose	Sher-e-Bangla Agricultural University	Entomology	EFFECT OF SOME TRAPS AND NEEM PRODUCT(NEEM OIL, NEEM POWDER) ON CUCURBIT Fruit Fly
1697	1689445182	MD. MAHMUDUL HASAN	Khulna University	Department of Fisheries	Effects on expression of differentially expressed genes from osmoregulatory organs of Lates calcarifer in response to salinity acclimation
1698	1689446128	Md. Darun Naim	University of Rajshahi	Department of Agronomy and Agricultural Extension	GENETIC VARIABILITY STUDIES FOR QUALITATIVE AND QUANTITATIVE TRAITS IN SOME RECENTLY DEVELOPED RICE VARIETIES OF BANGLADESH
1699	1689478930	Rifah Tasnim	Bangladesh Agricultural University	Department of Fisheries	Exploring the Efficacy of Spirulina ( <i>Spirulina platensis</i> ) in Promoting Growth and Performance in Nile Tilapia ( <i>Oreochromis niloticus</i> )
1700	1689492209	Dwipika Gope	Sylhet Agricultural University	Department of coastal & marine fisheries	Stock assessment of Marine Elasmobranchs in the Bay of Bengal, Bangladesh : Towards Achieving the Sustainable Development Goal 14 ( SDG 14)
1701	1689492784	Priota Majumder Puja	Bangladesh Agricultural University	Other(Fisheries)	Effect of dietary silver nanoparticles (Ag-NPs) on growth, feed utilization and hemato-biochemical profile of Tilapia
1702	1689494286	Tuhura Akter	Bangladesh Agricultural University	Department of Dairy Science	The effects of refrigeration and freezing on bacterial population in raw and pasteurized milk.
1703	1689494517	MESKUL ZANNAT	Bangladesh Agricultural University	Department of Genetics and Plant Breeding	Genetic Analysis for Morphological Traits and Nutritional Content of Tomato Genotypes
1704	1689503381	Tanzila Khanam	Patuakhali Science and Technology University	Department of Soil Science	Seasonal Fluctuation Assessment of Water Salinity in South Central Coast of Bangladesh
1705	1689503837	MST.MUNNI KHATUN	Bangladesh Agricultural University	Department of Agronomy	Weed Competitiveness and Productivity of Wheat Under Different Seed Rates
1706	1689518710	Nabila Alam	Bangladesh Agricultural University	Department of Horticulture	Vase life extension of Gerbera using different preservative vase solutions



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1707	1689520939	Sharfuddin Ahmed Rafi	Bangladesh Agricultural University	Department of Horticulture	Estimation of Proximate Composition and Antioxidant Properties of Some Selected Underutilized Vegetables in Bangladesh
1708	1689525055	Sinthia Ahmed Upama	Bangladesh Agricultural University	Department of Agronomy	Optimization of Sowing Date of Boro Rice Under Changing Climate: An APSIM and GCM Analysis
1709	1689528655	Zinnorain Rizve	Sylhet Agricultural University	Department of Farm Power and Machinery	PERFORMANCE EVALUATION OF THE BRRI-DEVELOPED MINI RICE MILL FOR USING AT THE HOUSEHOLD-LEVEL
1710	1689531645	ZAKIA FARJANA JUI	Hajee Mohammad Danesh Science and Technology University	Department of Crop Physiology and Ecology	IMPROVEMENT OF DROUGHT TOLERANCE IN LINSEED THROUGH EXOGENOUS APPLICATION OF CHITOSAN
1711	1689536372	Sayed Abdulla Abu Nyem	Sylhet Agricultural University	Department of Fisheries	Microplastics in Commercial Fish Feed of Bangladesh: A Potential Threats to Culture Fisheries.
1712	1689540206	Mahamudur Rahaman	Bangladesh Agricultural University	Department of Applied Chemistry and Chemical Engineering	Evaluation of the efficacy of various organic amendments and phyto-protectants to mitigate drought stress for sustainable crop production.
1713	1689560982	Sumaya Afrose Liza	Bangladesh Agricultural University	Department of Agronomy	Varietal Response of T. Aman Rice to Rate of Application of Plant Growth Regulator Crop Plus
1714	1689565030	Shamima Akther Rinky	Khulna University	Forestry and Wood Technology	Studies on the germination and growth of Duabanga grandiflora (Bandorhola) in nursery conditions in different media.
1715	1689565632	Ms. Fuzara Akter	Bangladesh Agricultural University	Aquaculture	Risk Factors Associated with Diseases in Commercial Fish Hatcheries
1716	1689570700	Nasrin Akter	Bangladesh Agricultural University	Plant Pathology	Phenotypic screening and Molecular analysis of blast resistance in mutant rice lines for marker assisted selection
1717	1689579003	K. M Rakibur Hossain	Khulna University	Department of Fisheries	Comparative nutrient profiling between traditional and ecological farming system
1718	1689600037	RAJ SHAKHAR DATTA RAJU	Chattogram Veterinary and Animal Sciences University	Doctor of veterinary medicine	Knowledge, attitude and practice of anti-microbial resistance (AMR) among poultry farm owner and the resistance pattern of isolated Escherichia coli (E. coli)
1719	1689608333	Dibakar Roy	Bangladesh Agricultural University	Seed Science And Technology	Effects of gamma irradiation on seed germination and seedling growth of onion
1720	1689612244	MD. ABDUL KAIUM	Bangladesh Agricultural University	Department of Animal Nutrition	Study on the Choice of Yeast Fermented Rice Bran and Performance of Commercial Broiler at Laboratory level
1721	1689615898	Mst. Mosfekun Nahar	Bangladesh Agricultural University	Department of Animal Science	Synergistic effect of salt and turmeric powder on quality and safety of beef at refrigerated storage
1722	1689629646	Mst. Farzana Aktar	Bangladesh Agricultural University	Department of Surgery and Obstetrics	Ultrasonographic assessment of uterine involution in Black Bengal and Jamunapari cross goats.
1723	1689630270	Md. Fuad Mia	Bangladesh Agricultural University	Agriculture	Isolation, Identification and Molecular Characterization of Aspergillus niger causing Collar Rot of Groundnut
1724	1689641655	Shaikh Shaon Ahmmmed	Khulna University	Department of Fisheries	Oral administration of medicinal plant extracts on growth and immune functions of shrimp (Penaeus monodon) against the White Spot Syndrome Virus (WSSV).
1725	1689655766	Rumia Nasrin	Bangladesh Agricultural University	Agricultural Economics ( Production Economics)	Gender Dimension of Labour Participation in Vegetables Farming System in a Selected Area of Bogura District



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1726	1689660660	Mst. Shikha Khatun	University of Rajshahi	Crop Science & Technology	Impact of Macronutrient on the Growth Yield and Yield contributing characters of different varieties of Eggplant ( <i>Solanum melongena</i> L.)
1727	1689660684	MINHAZUL KASHEM CHOWDHURY	Sher-e-Bangla Agricultural University	Department of Horticulture	Effect of ethylene dose and exposure time on ripening of three horticultural crop (Mango, Banana and Tomato)
1728	1689661496	Nazmul Hasan	Bangabandhu Sheikh Mujibur Rahman Agricultural University	Department of Agronomy	Exploring the potential of ethanol application on growth and yield of mustard under salinity stress
1729	1689661976	MD. SAKHAWAT HOSSAIN	Bangladesh Agricultural University	Department of Fisheries Biology and Genetics	Isolation of Lactic acid bacteria from stinging catfish, <i>Heteropneustes fossilis</i> for potential application as Probiotics in Aquaculture
1730	1689668561	Ahad Ali	Bangladesh Agricultural University	Department of Agronomy	Study on Productivity and Profitability of Chili Based Intercropping System in the Selected Charland of Jamalpur District
1731	1689672682	Umme Afia Nur Mou	Hajee Mohammad Danesh Science and Technology University	Department of Soil Science	Interactive effect of soil and foliar application of Manganese(Mn) on the growth and yield of tomato production
1732	1689674744	Gazi Shakibul Islam	Bangladesh Agricultural University	Department of Agronomy	Evaluation of Different Maize Based Intercropping Systems in the Selected Charland of Jamalpur District
1733	1689676661	Titas Kumar	Bangladesh Agricultural University	Department of Medicine	Evaluation of Innate Immune Responses to PPR Virus Vaccination in Black Bengal Goats
1734	1689685128	Jakia Fatema Bithi	Sylhet Agricultural University	Agricultural Construction and Environmental Engineering	Biosynthesized Photocatalytic SnO <sub>2</sub> Nanoparticles for Visible Light-Induced Photocatalytic Degradation of Industrial Textile Effluents
1735	1689689211	Md. Jeshan Ali	University of Rajshahi	Department of Fisheries	Effect of Dietary Natural Pigment on Growth Performance, Flesh Colour and Quality, and Palatability of <i>Labeo rohita</i>
1736	1689691974	Israt Jahan Ami	Khulna University	Department of Soil Science	Soil structure management by introducing different crop residue management approach in the coastal saline soil
1737	1689740103	SHAKILA KHATUN BRISTY	University of Rajshahi	Department of Crop Science and Technology	Lethal and Sublethal Effects of Synthetic and Bio-insecticides on <i>Trichogramma evanescens</i> (Westwood) Parasitizing Host <i>Corcyra cephalonica</i> (Stain)
1738	1689750397	Md. Emon Hossain	Chattogram Veterinary and Animal Sciences University	Department of Dairy and Poultry science	Evaluation of nutrients and heavy metals in different types of baby powder milk in Chattogram town for safe guarding baby health.
1739	1689753386	Md rashel Mia	Ahsanullah University of Science and Technology	Building Engineering and Construction Management	ghagsgs
1740	1689754116	Shamsun Naher Shakila	Bangladesh Agricultural University	Genetics and Plant Breeding	Morphological, Physiological & Biochemical responses of major Wheat ( <i>Triticum aestivum</i> L.) varieties against Pb contaminations.
1741	1689759324	Razib Ali	Ahsanullah University of Science and Technology	BCSIR Chittagong	A journal based on Data mining
1742	1689844420	Md. Lal Chan	University of Chittagong	Department of Fisheries	Stock Status Evaluation of Ompok pabda from Kaptai Lake Based on Length Data and Fishers' Perception
1743	1690099209	Md. Shantomona Chowdhury	Hajee Mohammad Danesh Science and Technology University	Medicine Surgery & Obstetrics ( M.Sc in Medicine)	Clinico-epidemiological investigation and control of Toxoplasmosis in Cat at Rangpur district in Bangladesh.

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1744	1690371887	Maraj Miah	Bangladesh Agricultural University	Department of Food Technology & Rural Industries	Development of functional beverage used pulses as dairy alternatives
1745	1691387250	S. M. Forruque Parvez	Bangladesh Agricultural University	Department of Fisheries	Detection and Categorization of Microplastics from Farmed Catfish and Fish Feed
1746	1691391534	Nawshin Tabassum	Bangladesh Agricultural University	Department of Fisheries	Effects of Probiotic Applications on Water Quality, Gut Bacteria, Hematology and Resistance to Experimental Aeromonas sp. Challenge in Pabda Catfish, Ompok pabda
1747	1691480505	Esrat Jahan Lubna	Khulna University	Forestry and Wood Technology	Spatial Association and Diversity of Woody Species in a Tropical Semi-evergreen Forest in Lawachara National Park, Bangladesh
1748	1691563305	TANJINA TARANNUM	Bangladesh Agricultural University	Department of Agronomy	Response of wheat to moisture stress and its amelioration
1749	1691592685	S.M. Mashiur Rahman Nayeem	Bangladesh Agricultural University	Department of Agricultural Chemistry	Assessment of Health Risk of Heavy Metals and Water Quality Indices for Drinking Suitability of Groundwater Collected from Gazipur District, Bangladesh
1750	1691648821	Md. Shariful Islam	Bangladesh Agricultural University	Department of Agronomy	Evaluation of modern mustard varieties by exploiting good agricultural practices (GAPs)
1751	1689683798	Md. Sohag Sarker	Chattogram Veterinary and Animal Sciences University	Fish Biology and Biotechnology	Effects of salinity on mudskipper (Periophthalmus argentilineatus) with their histological changes in gills, kidneys and gonad
1752	1689691496	Tamanna Tabassum	Sylhet Agricultural University	Agroforestry & Environmental Science	Cultivating Rooftop Greenery: Assessing Present Status of Rooftop Gardening in Sylhet City Corporation of Bangladesh, and Optimizing Fertilizers rate for Growing Chili on rooftop gardens



NST Fellowship MS/MSc 2023-2024 (Biological and Medical Science)					
Serial No.	Tracking Number	Name	University	Department	Research Title
927	1688635939	Amir Hamza	Jahangirnagar University	Biotechnology and Genetic Engineering	Synthesis of Biogenic Silver Nanoparticles Using Terminalia Bellirica(Bohera) fruit Extract and Investigation of Antimicrobial activity and Biocompatibility
928	1688704899	Al Arafat Lemon	University of Dhaka	Department of Microbiology	Impact of Extreme Weather Condition (Temperature, pH, Salinity) on Soil Beneficial microorganisms Intended for Plant Growth and Production Yield.
929	1688795734	Sinthia Sharmin Ritu	University of Rajshahi	Department of Zoology	Investigation on the distribution of antibiotic resistance bacteria in dry fish
930	1689079814	Md.Saydur Rahman Akash	University of Rajshahi	Biochemistry & Molecular Biology	Biosynthesis of Silver nanoparticles using underutilized Hibiscus Sabdariffa L.plant extracts and assess their antioxidant,antimicrobial and anticancer activities.
931	1689232244	Reana Raen	Khulna University of Engineering & Technology	Department of Biomedical Engineering	Characterization of the Function and 3D Structure of a Hypothetical Protein of Monkeypox Virus for Discovering Novel Drugs
932	1689260294	Mousumi Debnath	University of Dhaka	Biochemistry & Molecular Biology	Overcoming antibiotic resistance by in-silico identification and in vitro validation of novel inhibitors
933	1689264131	Shakhawat Ahmed Fahim	Noakhali Science and Technology University	Department of Microbiology	Metabolic biomarkers of E.coli
934	1689298645	MD Moajjam Hossain	University of Dhaka	Biochemistry & Molecular Biology	Immune response to COVID-19 vaccines and Genomic epidemiology of SARS COV 2 in Bangladesh
935	1689479883	Khadiza Akter Mumu	Mawlana Bhashani Science and Technology University	Department of Pharmacy	Exploring the Role of SORT1 Gene Polymorphism in Cardiovascular Disease Risk among Bangladeshi Populations.
936	1689518883	Md. Shohag Mia	Jahangirnagar University	Department of Zoology	Species diversity of aquatic heteropteran bugs in the Dhaleshwari and Shitalakshya rivers and their predatory efficiency against disease vector mosquitoes.
937	1689521558	Sumitra Dey	Jahangirnagar University	Department of Botany	Molecular characterization of the pathogenic fungi in black cumin (Nigella sativa L.) and its eco-friendly control measures for quality seed production.
938	1689522337	Nusrat Jahan Saima	University of Dhaka	Department of Zoology	Evaluation of in-vitro anti-malarial efficacy of methanolic extracts of 'Jam Seed' (Syzygium cumini) in two Plasmodium falciparum strains.
939	1689566744	Jannatul Ferdos	University of Chittagong	Geography and Environmental Studies	Impact of Climate Change induced Sea Level Rise (SLR) in the coastal areas of Bangladesh
940	1689598238	Moumita Sharmin Jhara	Jahangirnagar University	Department of Zoology	Use of laboratory and field testing framework to assess the efficacy of commercially available topical repellents against Aedes albopictus, Aedes aegypti and Culex quinquefasciatus
941	1689600306	Chondrika Roy Chowdhury	Jahangirnagar University	Biochemistry & Molecular Biology	Elucidation of the interaction of SARS-CoV-2 Spike (S) protein and neutrophil elastase with nsSNPs in ELANE gene and role of the most deleterious nsSNPs on symptomatic COVID-19 in a Bangladeshi population of SARS-CoV-2 infected subjects
942	1689654226	Helena Mosrat Jahan Rajoni	University of Dhaka	Department of Educational and Counselling Psychology	Maternal Acceptance Rejection, Perceived Social Support and Coping Strategies of Tribal and Non-tribal Students

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943	1689670711	Md. Atik Shariar Sammo		Department of Microbiology	Optimization and Characterization of Biosurfactant Produced by <i>Pseudomonas aeruginosa</i> Isolated from Suckermouth Catfish
944	1689740233	Md. Rubel Islam	University of Rajshahi	Biochemistry & Molecular Biology	Isolation, Purification, Characterization, Identification Of Causative Agents Responsible-For Black Root Rot Or Root Rot Disease Of Strawberry In Bangladesh And Their Possible Management.
945	1689742590	Rubaiyat Sharmin Chaity	University of Dhaka	Department of Zoology	Molecular characterization and phylogenetic analysis of gobies (Family: Gobiidae) using 16S rRNA
946	1689754557	Md. Shohidul Islam	University of Rajshahi	Department of Pharmacy	Environmental toxin induced injury preventing activity of some potential bioactive compounds and extracts from natural source.
947	1689779809	Jannat Akter Jamy	University of Dhaka	Department of Soil Science	Reclamation of Coastal Soil: Assessment of the Potentiality of Black-eyed Pea Cultivation in Increasing Salinity
948	1689836795	Ummy Ferdous	Comilla University	Department of Pharmacy	Phytochemical Screening and Evaluation of Antioxidant, in-vitro Antidiabetic and Antimicrobial Effects of <i>Shorea robusta</i>
949	1689914337	Khadiza Binte Hanif	Comilla University	Department of Pharmacy	Preliminary phytochemical screening and in vitro and in vivo analysis of methanolic extract of <i>Grewia serrulata</i> DC
950	1690172195	Tawfiq Alam	Shahjalal University of Science and Technology	Bio-Technology	Study the association of prevalent SNPs responsible for Polycystic Ovary Syndrome in Bangladesh
951	1691085301	Md Imran Khan	University of Dhaka	Department of Fisheries	Occurrence of natural co-infection of White Spot Syndrome Virus (WSSV), Acute Hepatopancreatic Necrosis Disease (AHPND) and Enterocytozoon hepatopenaei (EHP) in cultured shrimp of Bangladesh
952	1691301438	Nishat Jahan Nishi	University of Dhaka	Department of Computer Science & Engineering	An iterative incremental mining algorithm for observing the characteristics of weighted maximal non-frequent and semi frequent itemsets.
953	1691351352	Mahbub Hasan	Shahjalal University of Science and Technology	Biochemistry & Molecular Biology	Green Synthesis of ZnO and Fe <sub>2</sub> O <sub>3</sub> Nanoparticles from Plant Leaf Extract as well as Their Antimicrobial, Antifungal, Antioxidant, and Photocatalytic Activity Test
954	1691427184	Mahinur Akter Mitu	Jagannath University	Department of Zoology	Dietary inclusion of <i>Moringa oleifera</i> leaves with feed and their impact on growth performance, nutrient value and pathogenic resistance of <i>Macrobrachium rosenbergii</i>
955	1689691333	Shanta Islam Toma	University of Dhaka	Department of Zoology	Effects of Different Diets on Some Biological aspects of <i>Sitophilus oryzae</i> (Order: Coleoptera, Family :Curculionidae)
956	1689762156	Md. Safayet Ullah Fahim	University of Chittagong	Genetic engineering and biotechnology	Antibiotic Resistance and Plasmid Profiling of Coliforms ( <i>Escherichia coli</i> ) Isolated from the Urine of Patient with Urinary Tract Infection.



NST Fellowship MS/MSc 2023-2024 (Physical Science)					
Serial No.	Tracking Number	Name	University	Department	Research Title
1273	1687015523	Md. Mojibur Rahman	Hamidur Rahman University	Physics	Intrinsically formulate stand-alone supply chains through magnetic synergy.
1274	1687101934	MD. KAMRUL HASAN	Islamic University, Kusthia	Department of Electrical and Electronics Engineering	Design, implementation, and performance prediction and test of a PbTe-based thermoelectric module for waste heat recovery
1275	1687267209	Md Asadul Islam	University of Rajshahi	Materials Science and Engineering	Synthesis and Characterization of Metal ion-doped Magnetic Nanoparticles through Green Route conjugated with Biological Entities for Biomedical Applications.
1276	1687277072	Shazzad Ahamed	University of Chittagong	Department of Mathematics	Generalised Laguerre Polynomials
1277	1687361742	FATEMA NOOR MITHILA	University of Dhaka	Department of Footwear Engineering	Preparation of formaldehyde free eco-friendly retanning agent from skin trimmings and eucalyptus extract for the production of crust leather - A circular economic approach
1278	1687682225	Nur Mohammad	Jahangirnagar University	Geography and Environment	Applying SDG's Indicator for Urban LULC Changes using Electromagnetic Properties: A Satellite Remote Sensing Based Study
1279	1688397694	Tasnim Tarannum	University of Dhaka	Department of Electrical and Electronics Engineering	Efficient and Reliable classification of plant diseases using Convolutional Neural Networks.
1280	1688403577	Puja Dey	University of Dhaka	Department of Environmental Science and Geography	Salinity Intrusion Induced Problems in Mongla Upazila, Bagerhat
1281	1688566370	Afsana Rahman Supria	University of Dhaka	Department of Geology	An Integrated Geophysical, Geological and Hydrological Investigation of the Natural and Anthropogenic Hazards in Cox's Bazar City, Bangladesh.
1282	1688708056	S. M. Sohel Rana	Jahangirnagar University	Environmental Sciences	How successfully is Bangladesh implicating REDD+ activities in its Protected Forests? A Case Study from Kaptai National Park of carbon emission estimation.
1283	1688878018	Ahmadullah Zaman	University of Rajshahi	Department of Geology and Mining	Landslide Hazard Zonation Mapping and Prevention Strategies for Planning and Infrastructure Development in Chittagong District
1284	1688895095	Syeda Samiha Nushin	University of Rajshahi	Department of Electrical and Electronics Engineering	Study on Vanadium Oxide (V <sub>2</sub> O <sub>5</sub> ) thin films with the aim of harnessing solar energy.
1285	1688978880	Afsar Uddin	University of Chittagong	Department of Mathematics	Study of CFD Simulations for Leak Detection in Gas Transmission Networks
1286	1688999728	Most. Samsunnahar Misti	University of Barisal	Department of Chemistry	Synthesis, characterization, and analysis of oxidatively degradable poly (diacylhydrazine)

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1287	1689008360	Tuba Haque	University of Barishal	Department of Mathematics	Fitting The SEIR Epidemiological Model to Influenza A Virus Transmission in Bangladesh Perspective.
1288	1689096061	Md. Foysal Ahmed	University of Barishal	Department of Chemistry	An attempt to synthesize oxidative degradable polyurethane and their characterization
1289	1689136748	Shawrat Jahan Sumi	University of Barishal	Department of Chemistry	SYNTHESIS AND CHARACTERIZATION OF OXIDATIVELY DEGRADABLE POLYUREA
1290	1689151695	Sharah Sami Rifah	Mawlana Bhashani Science and Technology University	Department of Physics	Exploring the anodic performance of ScSeS and TiSeS monolayers of modified transition metal for Mg ion batteries via DFT calculations
1291	1689227589	Musfika Tabassum	University of Barishal	Department of Chemistry	Surface Modification of Tenulosa ilisha Fish scale for the Treatment of Industrial Waste Water
1292	1689239263	Md Ahad Khan	University of Barishal	Department of Chemistry	Synthesis and Characterization of Highly Functionalized Pyroglutamates via Tetramate Derivative of Serine
1293	1689335425	Md Belal Hossain	ASA University Bangladesh	Statistics	dgh bjhjb
1294	1689491407	Nourin Akter Nova	Begum Rokeya University, Rangpur	Disaster Management	Rainfall Induced Flood Susceptibility Using Machine Learning and Geo-spatial Analysis
1295	1689492263	Sabila Arobi	University of Dhaka	Department of Leather Engineering	Synthesis of Polyethersulfone-CeO <sub>2</sub> /GO Nanocomposite for the removal of chromium from tannery wastewater
1296	1689493725	Pranta Sen	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Water Quality Assessment and Heavy Metals Analysis in Water of Shitalakhya River, Bangladesh
1297	1689495004	Parvaj Rana	University of Rajshahi	Department of Electrical and Electronics Engineering	Fabrication of Zinc Oxide/Copper Oxide Hetero-junction as Solar Energy Harvesting, by in Situ Electrochemical Process
1298	1689498701	Sharmin Akter	Dhaka University of Engineering & Technology	Department of Chemistry	Analysis the Properties of Prepared Modified (Silver, Zinc & Copper) Viscose Rayon from Jute for Antimicrobial Application
1299	1689566604	Polock Biswas	University of Dhaka	Applied Statistics	Investigating Determinants of Poverty using Interpretable Machine Learning Methods
1300	1689568222	Kobita Khatun	Jashore University of Science & Technology	Department of Environmental Sciences	Microplastics in Fish: Sources, Distribution and Pathway



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1301	1689598010	Mohiuddin Hasan	Noakhali Science and Technology University	Department of Computer Science & Telecommunication Engineering	Unveiling Ocular Disorders using different CNN Models for Diagnosis
1302	1689643839	Md Asif	Bangladesh University of Engineering and Technology (BUET)	Department of Mathematics	EXPLICIT SOLITON SOLUTION TO THE (2+1)-DIMENSIONAL KdV MODEL
1303	1689646183	Razu Shahazi	Shahjalal University of Science and Technology	Department of Chemical Engineering	Production of an Alternative Fuel by Pyrolysis of Plastic Wastes Mixtures
1304	1689662908	Jannatul Naim	Noakhali Science and Technology University	Information and Communication Engineering	Advancing Bangla Image Captioning: A Novel CNN-LSTM Model for Improved Caption Generation
1305	1689663635	S. M. Masud-Bin- Ali	University of Dhaka	Department of Electrical and Electronics Engineering	Assessment of Power Quality in Bangladesh Distribution Power Grid: Its Effect on Consumer Appliances and Impact on GDP in Smart Bangladesh.
1306	1689693980	RATNA AKTER	Comilla University	Statistics	Estimation of Basic Reproduction Number (Ro) & COVID-19 Death Rate in Bangladesh: a study of SIR and SEIR model
1307	1689740202	Mahbubur Rashid Ories	Bangladesh University of Professionals	Department of Environmental Sciences	Reducing Gender-based Vulnerabilities at the Cyclone Shelters in Coastal Belt of Bangladesh; a study in Hatia Upazila
1308	1689838508-2	Sadia Tasnim	University of Chittagong	Environmental Science	Status and prospects of net metering system in industrial sector of Bangladesh
1309	1689855487	Satu Das	Shahjalal University of Science and Technology	Department of Chemistry	Synthesis, morphology, and thermal properties of PVA-GO-NiO composites: Application as a supercapacitor
1310	1689857227	Rosalina Rose	Jahangirnagar University	Department of Physics	Research based on child labour and the physics inside the body function.
1311	1690089916	Ayshwaria Saha	University of Dhaka	Applied Statistics	Assessing Rural-Urban Disparities in HIV Knowledge: A Coarsened Exact Matching Approach on MICS 2019
1312	1690099133	TANGIMA AKTER	Mawlana Bhashani Science and Technology University	Department of Mathematics	Mathematical Analysis for a single species and Predator- Prey system in a polluted environment.
1313	1690303042	Md. Abu Zafar	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Spatio-Temporal Variations in Water Quality, Chlorophyll a Content and Benthic Macroinvertebrates of the Karnaphuli River Estuary, Bangladesh.

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1314	1691239927	Tandra Mollik	Khulna University of Engineering & Technology	Department of Physics	Implications for Computed-Aided diagnosis (CAD) Technique to Study Computed Tomography Based on Medical Image Processing for Stroke Patients
1315	1691370500	MD. HASAN MASUD KHAN	Bangladesh University of Engineering and Technology (BUET)	Department of Electrical and Electronics Engineering	DESIGN AND ANALYSIS OF A HIGHLY SENSITIVE SIMPLE MICROSTRUCTURED SPR BIOSENSOR
1316	1691380408	Umme Saleha Soha	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Potential Health Risk of Heavy Metals via Consumption of Rice Grains and Vegetables Grown in the Industrial Area at Ashulia, Savar in Bangladesh.
1317	1691421214	Adiba Zaman	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	DETECTING AND QUANTIFYING MICRO-PLASTICS IN ENVIRONMENTAL SAMPLE OF BANGLADESH
1318	1691650257	Hasibur Rahaman Santo	Khulna University of Engineering & Technology	Leather Engineering	Preparation of nano-ZnO@rGO/epoxy resin nanocomposite as Leather finishing agents



NST Fellowship Mphil 2023-2024 (Food & Agricultural Science)					
Serial No.	Tracking Number	Name	University	Department	Research Title
1	1689435092	Mst. Samsad Khatun	University of Rajshahi	Department of Chemistry	EFFECT OF NANOPARTICLES AS FEED ADDITIVES ON GROWTH PERFORMANCE AND PHYSIOLOGICAL CHANGES IN STINGING CATFISH, HETEROPNEUSTES FOSSILIS

NST Fellowship Mphil 2023-2024 (Physical Science)					
Serial No.	Tracking Number	Name	University	Department	Research Title
12	1689864738	Md.Shazedur Rahaman	University of Dhaka	Disaster Science and Climate Resilience	Correlation between Organic Carbon and Other Soil Physicochemical Properties of Soils in Different Forest Vegetation for Evaluating Climate Change Effects



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NST Fellowship PhD 2023-2024 (Food & Agricultural Science) (Renewal Group)						
Serial No.	Tracking Number	Name	University	Department	Renewal Year	Research Title
34	1689060596	Most. Shakila Sarmin	University of Rajshahi	Department of Fisheries	3rd Year	Stock Assessment of Megalaspis cordyla from the
35	1689522448	A. H. M. Maniruzzaman Rabbani	Bangladesh Agricultural University	Department of Agricultural Chemistry	2nd Year	Green synthesis of nanoparticles and study on their potential uses in crop production
36	1689642671	AYSHA JANNATUL FERDOUSI	Sher-e-Bangla Agricultural University	HORTICULTURE	2nd Year	Year-Round Onion Production Package Development and Post-Harvest

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NST Fellowship PhD 2023-2024 (Biological and Medical					
Serial No.	Tracking Number	Name	University	Department	Research Title
30	1687683259	Nabhira Aftabi Binte Islam	Bangabandhu Sheikh Mujib Medical University (BSMMU)	Science	Oral Health Promotion Intervention during Pregnancy: Bangladesh Perspective
31	1689231364	Fahmida Anika Khan	University of Dhaka	Biochemistry & Molecular Biology	Development of suitable bioformulations of endophytic bacteria, Burkholderia contaminans NZ for its in-field application in plant growth promotion and disease management.
32	1690712266	Palash Chandra Banik	Bangladesh University of Professionals	Medicine	Efficacy of counselling for the positive changes in markers for the prevention of hypertension among adult slum dwellers in Dhaka city, Bangladesh: A randomized control trial
33	1691493137	Rabita Zinnurine	Jahangirnagar University	Department of Pharmacy	Isolation of Bioactive Metabolites from Endophytic Fungi associated with Medicinal Plants of Bangladesh
34	1691664013	Mohammad Mahmudur Rahman	University of Dhaka	Department of Botany	Phytochemical-based targeting of Angiotensin II Type I Receptor (AT1R)



NST Fellowship PhD 2023-2024 (Physical Science)					
Serial No.	Tracking Number	Name	University	Department	Research Title
10	1689782119	MD. AMINUL ISLAM	Begum Rokeya University, Rangpur	Department of Disaster Management	Seasonal Variation of Climatic Parameters and Its Impact on Rice Production at Rangpur District in Bangladesh
11	1691429491	Sk. Abu Jahid	Bangladesh Agricultural University	Department of Environmental Sciences	Mitigation of Greenhouse Gases Emissions, Water and Energy Use Efficiency towards Sustainable Tea production

**চলতি ২০২৩-২০২৪ অর্থবছরে জাতীয় বিজ্ঞান ও প্রযুক্তি (NST) ফেলোশিপ প্রদানের লক্ষ্যে এমএস, এমফিল ও পিএইচডি পর্যায়ে আবেদনকারীগণের মৌখিক পরীক্ষা/সাক্ষাৎকার সম্পর্কিত নির্দেশনা।**

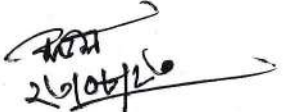
(১) ভৌতবিজ্ঞান গ্রুপের মৌখিক পরীক্ষা/সাক্ষাৎকার ঢাকা বিশ্ববিদ্যালয়ের নিকটস্থ বাংলাদেশ পরমাণু শক্তি কেন্দ্র, ঢাকায়, খাদ্য ও কৃষিবিজ্ঞান গ্রুপ ও নবায়ন গ্রুপের মৌখিক পরীক্ষা/সাক্ষাৎকার বঙ্গবন্ধু শেখ মুজিবুর রহমান নভোথিয়েটার, বিজয় সরণি, ঢাকায় এবং জীববিজ্ঞান ও চিকিৎসাবিজ্ঞান গ্রুপের মৌখিক পরীক্ষা/সাক্ষাৎকার BRICM ভবন, বাংলাদেশ বিজ্ঞান ও শিল্প গবেষণা পরিষদ (BCSIR), (ঢাকা সিটি কলেজের বিপরীতে), ধানমন্ডি, ঢাকায় সিরিয়াল নম্বর অনুযায়ী ধারাবাহিকভাবে অনুষ্ঠিত হবে। আবেদনকারীগণের মোবাইল নম্বরে মৌখিক পরীক্ষা/সাক্ষাৎকারের তারিখ ও সময় যথাসময়ে SMS এর মাধ্যমে জানানো হবে।

(২) নিম্নোক্ত কাগজপত্রের এক সেট মৌখিক পরীক্ষা/সাক্ষাৎকার বোর্ডে প্রদর্শন করতে হবে:

- (ক) এমএস পর্যায়ে আবেদনকারীগণের এসএসসি, এইচএসসি ও স্নাতক পাশের মূল সার্টিফিকেট;
- (খ) এমফিল ও পিএইচডি পর্যায়ে আবেদনকারীগণের এসএসসি, এইচএসসি, স্নাতক ও স্নাতকোত্তর পাশের মূল সার্টিফিকেট।

(৩) নিম্নোক্ত কাগজপত্রের এক সেট মৌখিক পরীক্ষা/সাক্ষাৎকার বোর্ডে জমা দিতে হবে:

- (ক) এমএস, এমফিল ও পিএইচডি পর্যায়ে ২০২৩-২০২৪ অর্থবছরের নতুন আবেদনকারীগণ ০৩ (তিন) পাতার গবেষণা সিনোপসিস এর ০৩ (তিন) কপি ও আবেদনপত্র জমা দিবেন। নবায়ন গ্রুপের আবেদনকারীগণ ০৪ (চার) পাতার মধ্যে সীমিত গবেষণা কর্মের অগ্রগতি প্রতিবেদনের ০৩ (তিন) কপি জমা দিবেন এবং গত বছর NST ফেলোশিপ প্রাপ্তির প্রমাণক জমা দিবেন।
- (খ) এমফিল ও পিএইচডি পর্যায়ে আবেদনকারীগণ তাঁদের ভর্তি কনফার্মেশন পত্র জমা দিবেন। চাকরিজীবীগণ তাঁদের ছুটি/ডেপুটেশন এর প্রমাণক জমা দিবেন।
- (গ) এমফিল পর্যায়ে আবেদনকারীগণ তাঁদের স্নাতকোত্তর গবেষণার উপর প্রকাশনা (Publication) এবং পিএইচডি পর্যায়ে আবেদনকারীগণ তাঁদের গবেষণা কর্মের উপর মানসম্মত জার্নালে প্রকাশিত কমপক্ষে ০২ (দুই) কপি প্রকাশনা (Publication) জমা দিবেন।

  
**রতন কুমার মন্ডল**  
 উপসচিব  
 বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়  
 গণপ্রজাতন্ত্রী বাংলাদেশ সরকার