

### NST Fellowship PhD 2023-2024 (Physical Science) (Renewal Group)

Serial No.	Tracking Number	Name	Email	University	Department	Renewal Year	Research Title
1	1687072827	Mohammad Wahiduzzaman	wahidmathku@gmail.com	University of Rajshahi	Department of Mathematics	3rd Year	NUMERICAL PREDICTION OF CYCLONE INDUCED STORM SURGE IN BANGLADESH
2	1687159657	Md. Naimur Rahman	naimur.cse4th@pstu.ac.bd	Patuakhali Science and Technology University	Department of Electrical and Electronics Engineering	3rd Year	Soil Salinity Characterization through IoT Based Sensor Network in Agricultural Field
3	1687197051	Abdul Awal	aawal4513@gmail.com	Jagannath University	Department of Chemistry	3rd Year	Surface Engineering with Nanomaterials and Polymers for the Fabrication of Electrochemical Sensors
4	1687327680	Md. Mahade Hasan	mhasan007amc@gmail.com	Jahangirnagar University	Department of Chemistry	1st Year	'Interaction of dye with synthesized and conventional surfactants in additives media at different temperatures as well
5	1687359870	SUMAN CHANDRA BISWASH	bsumn3699@gmail.com	University of Dhaka	Department of Environmental Science and Geography	4th Year	Geomorphological Control of Tourism in the off-shore Islands of Bangladesh: A Case of the Bangabandhu Island
6	1688206682	Tahmina Khondkar Mitu	tahminachem@gmail.com	Islamic University, Kusthia	Department of Applied Chemistry and Chemical Engineering	3rd Year	"Biosynthesis, Characterization and Bioactivity of Silver Nanoparticles Using Different Parts of Abroma augusta."
7	1688734806	Biplab Biswas	bbiswas@isrt.ac.bd	University of Rajshahi	Statistics	2nd Year	Integrated Statistical Modeling and Scaling for scRNA-seq and Spatial Transcriptomics Data Analysis
8	1688746116	Md. Jahangir Alam	jahangircu1994@gmail.com	University of Dhaka	Applied Mathematics	3rd Year	Effects of Fe <sub>3</sub> O <sub>4</sub> -blood, CoFe <sub>2</sub> O <sub>4</sub> -blood, Mn-ZnFe <sub>2</sub> O <sub>4</sub> -blood on biomagnetic flow over a stretched cylindrical surface under the influence of localized magnetic field
9	1688879433	MD SOHEL RANA	ms.rana@just.edu.bd	Jashore University of Science & Technology	Department of Chemical Engineering	3rd Year	Biodegradable and active polymeric matrices reinforced with silver-doped titania nanocoating for state-of-the-art technology of food packaging.
10	1688885789	Md. Matiar Rahman	matiarchem@gmail.com	University of Rajshahi	Department of Chemistry	2nd Year	SYNTHESIS, CHARACTERIZATION AND PROPERTIES OF POLYMETHYLMETHACRYLATE BASED WELL-DEFINED BLOCK COPOLYMERS BY ATOM TRANSFER RADICAL POLYMERIZATION.
11	1689119757	Md. Morshed Bin Shiraj	mbshiraj@gmail.com	University of Rajshahi	Department of Mathematics	3rd Year	A Study on the Theoretical Foundation of Multiparameter Persistent Homology and its Application
12	1689275064	Mohammad Julhas Uddin	swajanju1981@gmail.com	Jahangirnagar University	Department of Chemistry	3rd Year	"Synthesis, structure and reactivity of new chalcogen-rich low-valent transition metal clusters"
13	1689480986	Soma Saha	somasaha200048@gmail.com	Jahangirnagar University	Department of Chemistry	4th Year	Solar Light-Assisted Oxidative Degradation of Antibiotics in Aqueous Solution Using Fe <sup>3+</sup> Chelated Cross-linked Chitosan Film.
14	1689513339	ASMA SULTANA TUKTUKI	asmatuktuki90@gmail.com	Khulna University of Engineering & Technology	Department of Chemistry	2nd Year	Effects of cross-linker on jute sticks cellulose-based hydrogel and its applications in wastewater treatment

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15	1689526903	Sultana Jahan	sjahanm16@gmail.com	University of Dhaka	Applied Mathematics	3rd Year	Computational simulation of heat transfer enhancing thermal characteristics and hybrid nanoparticles behavior of boundary layer flows associated with moving surface.
16	1689573503	Md. Nurul Huda	mnurulhdu@yahoo.com	Jagannath University	Department of Mathematics	3rd Year	Hydromagnetic Nanofluid Flow and Heat Transfer in a Cavity
17	1690087116	Zannatul Fatema	jannatf6944@gmail.com	University of Dhaka	Department of Chemistry	3rd Year	Effect of Ionic Surfactant on the Micro-structure and Physical Properties of Lamellar Hydrogel
18	1690638902	Md. Monir Hossain	monirjuche39@gmail.com	Jahangirnagar University	Department of Chemistry	3rd Year	Research title: "Synthesis, structure and reactivity of new polynuclear molecular architectures linked via heterocyclic thiolate ligands"
19	1690994147	Sushmita Banerjee	sshmtbnrj53@gmail.com	Chittagong University of Engineering & Technology	Department of Mathematics	3rd Year	Some Aspects of Ionization of Light and Medium-Heavy Atoms by Electrons and Positron Impact.