

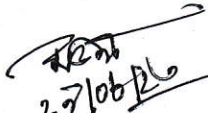
R & D 2023-2024 ( Physical Scicenc Group)				
Reg. No.	Name	Address	Orgnization/ University	Project Title
1	Sorif Hossain	Lecturer, Statistics, NSTU	NSTU	Awareness and Knowledge of HIV/AIDS with Women Empowerment in Bangladesh: A
2	Sudeb Chandra Das	Scientific Officer, Institute of Nuclear Minerals, AERE, Savar	AERE	Appraisal of Occurrence of Uranium in Crystalline basement Rocks. From North-west Bangladesh: An Intergrated
3	Sadit Bihongo Malitha	Lecturer, Dept. of Applied Chemistry and Chemical Engineering, DU	DU	Heavy Metal and Textile Dye Removal from Wastewater by Cellulose-Graphene Oxide, Composite Prepared from. Waste
4	Muminur Rashid	Assistant Curator, NMST	NMST	Analysis the Impact of National Museum of Science & Technology to Popularise Science among mass
5	Dr. Hasina Akhter Simol	Senior Scientist, Centre for Advanced Research in Sciences, DU	DU	Preparation and characterization of alkali metal WO <sub>3</sub> based ternary and quaternary metal oxides for
6	Mohammad Asif Arefin	Lecturer, Dept.of Mathematics, JUST	JUST	Comprehensive dynamic-type multi-soliton slutions to the fractional order nonlinear evolution equation
7	Md. Rayhan Prodhan	Lecturer, Dept.of Mathematics, JUST	JUST	Heat Source and Sink Effects on the Mixed Convection flow of a MHD Casson fluid through a permeable stretching Sheet with Thermal Radiation and Convective Boundary
8	J. R. M. Borhan	Lecturer, Dept.of Mathematics, JUST	JUST	Exploring the Stability of Differential Equatins Involved in the Various Fields of Applied
9	Nusrat Jahan Shimu	Lecturer, Dept. of Oceanography, DU	DU	Distribution of heavy metals in the water and sediments of the Baleshwar River: a probabilistic ecological and human health risk
10	Fahmida Alam Bintu	Lecturer, Dept. of Environmental Science and Disaster Management. NSTU	NSTU	The affective and cognitive effects of tropical cyclones on the coastal population of Bangladesh.
11	Md. Abu Khaer	Scientific Officer, IES, AERE, Savar	IES, AERE	An Investigation of the Potential Radiological Consequences and Emergency Planning Zones of the BAEC TRIGA Mark-II Research Reactor in the Event of a
12	Md. Siddikur Rahman	Associate Professor, Dept. of Statistics, BRUR	BRUR	One Health approach to control climate sensitive emerging infectious diseases: A Statistical investigation in Rangpur region of
13	Farzana Zannat Toshi	Lecturer, Dept.of Statistics, BRUR	BRUR	Evaluating the Effect of Parental Absence on Cognitive Deficit in Children: A case study on working

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14	Md. Elias	Assistant Professor, Dept. of Chemistry, JnU	JnU	Photodegradation of Methylene Blue by Zn <sub>3</sub> Nanocomposite Thin Film
15	Atul Chandra Singha	Lecturer, Dept. of Statistics, BRUR	BRUR	Identification of cell types at single-cell level using unsupervised
16	Mohammad Tanvir Ahmed	Lecturer, Dept. of Physics, JUST	JUST	Hydrazinium-based Perovskite Synthesis for Solar Cell
17	Dr. Md. Shahjaman	Associate Professor, Dept. of Statistics, BRUR	BRUR	Robustification of Logistic regression for Heterogeneous Breast cancer Gene Expression
18	Abdullah Al Roman Dukhu	Lecturer, Dept. of Physics, JUST	JUST	A First-Principles Study on 2D Transition Metal Dichalcogenides for Ion-storage Batteries.
19	Debashis Roy	Lecturer, Dept. of Physics, JUST	JUST	Surface Modification of Boron Nitride nanosheet for toxic gas sensing: A DFT Analysis.
20	Mimma Tabassum	Assistant Professor, Dept. of Statistics, NSTU	NSTU	Determinants of Utilization of Antenatal and Delivery Care Services in Rural Areas of
21	Md. Iftakhar Parvej	Assistant Professor, Dept. of Statistics, NSTU	NSTU	Factors associated of people residing in Old age Home: a case study in Dhaka and Chattogram
22	Mahmudul Hasan	Assistant Professor, Dept. of Oceanography	DU	Groundwater Pollution by trace metals and human health risk assessment in south central coastal
23	Md. Al Amin	Lecturer, Dept. of Oceanography and Hydrography, BSMRMU	BSMRMU	Investigation the relationship between bio-chemical parameters, sediment properties, and their combined impact on commercially important fisheries along the
24	Janifar Hakim Lupin	Assistant Professor, Dept. of Geology, DU	DU	Characterizing Petroleum Reservoir properties by studying development of Secondary porosity in gas reservoirs of Bangladesh. Case
25	Md. Momin Islam	Lecturer, Dept. of Meteorology, DU	DU	Quantile Regression Model to Analyze Nutritional Status of Under-five Children in Bangladesh.
26	Shamima Ferdousi Sifa	Lecturer, Dept. of Disaster Science and Climate Resilience, DU	DU	Monitoring the Extent of Soil Salinity and Implications to Enhance Decision Making for
27	Farhad Hossain	Lecturer, Dept. of Geology, DU	DU	Joint Inversion of Electrical Resistivity and Seismic Velocity for Near-Surface Engineering
28	Sumiya Sadeak	Lecturer, Dept. of Geology, DU	DU	Groundwater Recharge Quantification and Aquifer Sustainability Assessment in Coastal Areas of Bangladesh by
29	Md. Nirab Hossain	Lecturer, Dept. of Applied Mathematics, DU	DU	Efficient Online Shadow Tomography via Noisy Quantum Channels: Overcoming Information



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30	Md Abul Hossion	Assistant Professor, Dept. of Physics, BSMRMU	BSMRMU	Assessment of Heavy metal pollution in the eastern coastal area of Bangladesh for designing a filter.
31	Dr. Md. Abu Layek	Associate Professor, Dept. of Computer Science & Engineering, JnU	JnU	An Advanced Image Segmentation Model for fMRI Image: A Residual 3D-UNet Approach.
32	Sauda Sultana Mimi	Lecturer, Dept. of Chemistry, DU	DU	Phytochemical and Biological Investigation on the Bark of
33	Md. Hasanur Rahman	Lecturer, Dept. of Chemistry, DU	DU	Isolation of Bioactive Compounds from Marine Algae: Exploring Novel Therapeutic Application.
34	Imtiaj Ahmed Easty	Lecturer, Dept. of Oceanography, NSTU	NSTU	Phytoplankton Size Class variability (spatio-temporal) in the offshore areas of GBM estuary in the
35	Shohel Mahmud	Lecturer, Dept. of Statistics, NSTU	NSTU	Machine Learning approach to predict malnutrition of under-five Children in coastal region of Bangladesh: A case study from
36	Tahmina Akter	Lecturer, Dept. of Statistics, NSTU	NSTU	A Machine Learning Approach for Identifying Risk Factors of Diarrhea Disease and Medical Treatment Seeking Behavior among Children Under Five Years Old: A Case
37	Md. Kamruzzaman Tusar	Lecturer, Dept. of Environmental Science and Disaster Management, NSTU	NSTU	Assessment and Mapping of Soil Salinity in the coastal region of Noakhali District Using Remote
38	Dr. Md. Lokman Ali	Associate Professor, Dept. of Physics, PUST	PUST	Pressure-Induced Effects for Tuning Optoelectronic and Mechanical Properties of Lead-Free Perovskite Materials for Low-Toxicity Solar Cell Technology.
39	Md. Abid Hasan	Lecturer, Dept. of Oceanography, NSTU	NSTU	Bathymetry estimation from both open source and commercial satellite imagery utilizing cluster-based regression and a machine
40	Md. Ashik Iqbal	Lecturer, Dept. of Mathematics & Physics, KAU	KAU	An empirical investigation on river flow problem caused by industrial wastes into the rivers of Bangladesh through the characteristic model of a nonlinear partial differential
41	Md. Jasim Uddin	Lecturer, Dept. of Mathematics, DU	DU	Dynamical analysis and chaos control of a discretized fractional order prey-predator model incorporating intra-specific
42	Rayhan Alam	SO, Institute of Nuclear Medical Physics, AERE, BAEC, Dhaka	Institute of Nuclear Medical Physics, AERE, BAEC, Dhaka	Determination of Concentration of Heavy Metal (Fe, As, Cr, Pb, Hg) in Drinking Water and Poultry meat products and Analysis of Contribution on Cancer Patients in

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43	Md. Borhanul Asfia	Lecture, Dept. of Physics, JUST	JUST	Investigation of Structural, Electronic, Optical & Mechanical Properties of Cubic $\text{FrBCl}_3$ (B=Mg&Ba) Perovskite Materials:
44	Sahadat Jaman	Lecturer, Dept. of Physics, JUST	JUST	Ab-initio Study on the optoelectronic characteristics of doped perovskite for device
45	Md. Mamun Miah	Assistant Professor, Dept. of Statistics, NSTU	NSTU	Suicidal Ideation and Mental Health Disorder among High School and College Students in Bangladesh.
46	Nur Hasan Mahmud Shahan	Assistant Professor, Dept. of Arts and Sciences, BAUST	BAUST	Partial Differential Equations in Water Wave Mechanics.
47	Foyjonnesa	Lecturer, Dept. of Arts and Sciences, BAUST	BAUST	Analysis of solitary waves of nonlinear partial differential
48	Md. Abu Rayhan	Assistant Professor, Dept. of Arts and Sciences, BAUST	BAUST	DFT Investigation of physical and optoelectronic properties of Ag-based inorganic double perovskites halides $\text{A}_2\text{BBX}_6$ (A=Cs, Rb, K;
49	Mahmud Al Noor Tushar	Assistant Professor, Dept. of Geology, DU	DU	Investigating the Role of Rock Weathering and Clay Mineralogy in Landslide Occurrences within the Tertiary Formations exposed along
50	Md. Waliullah	Scientific Officer, Natural Products Research Division, BCSIR, Rajshahi	BCSIR, Rajshahi	Development of Polymer Composite for Energy Storage Application.

  
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 রতন কুমার মন্ডল  
 উপসচিব  
 বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়  
 গণপ্রজাতন্ত্রী বাংলাদেশ সরকার