

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার  
বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়  
অধিশাখা-১২  
বাংলাদেশ সচিবালয়, ঢাকা  
www. most.gov.bd

নম্বর: ৩৯.০০.০০০০.০১২.০২.০০৭.২২.১৬০

তারিখ: ১৪ পৌষ ১৪২৯  
২৯ ডিসেম্বর ২০২২

প্রাপক: চিফ একাউন্টস এন্ড ফিন্যান্স অফিসার  
বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়  
হিসাব ভবন, সেগুনবাগিচা, ঢাকা।

মহোদয়,

নিম্নস্বাক্ষরকারী আদিষ্ট হয়ে বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়ের 'জাতীয় বিজ্ঞান ও প্রযুক্তি (NST) ফেলোশিপ কর্মসূচির' আওতায় ভৌতবিজ্ঞান গুপের মোট ১,১২৪ জন ছাত্র-ছাত্রী/গবেষক [এমএস ১,১০৬ জন = ৫,৯৭,২৪,০০০/- টাকা, এমফিল (১ম বর্ষ) ০৯ জন = ৬,১৫,৬০০/- টাকা, এমফিল (২য় বর্ষ) ০১ জন = ৯৯,০০০/- টাকা, পিএইচডি ০৮ জন = ২৪,০০,০০০/- টাকা] এর অনুকূলে ২০২২-২০২৩ অর্থবছরের ০১/০৭/২০২২ খ্রি. তারিখ হতে ৩০/০৬/২০২৩ খ্রি. তারিখ পর্যন্ত ১২ (বার) মাস সময়ের ফেলোশিপ বাবদ মোট ৬,২৮,৩৮,৬০০/- (ছয় কোটি আঠাশ লক্ষ আটত্রিশ হাজার ছয়শত) টাকা অনুদান প্রদানের সরকারি মঞ্জুরি জ্ঞাপন করছি।

শর্তাবলি:

- (ক) নির্ধারিত ফরমে তিন কপি পূরণকৃত বিল যথাযথভাবে 'উপসচিব, অধিশাখা-১২, কক্ষ নং-৯১৯, ভবন নং-০৬, বাংলাদেশ সচিবালয়, ঢাকা' - এ ঠিকানায় দাখিল করতে হবে। বিল ফরম মন্ত্রণালয়ের ওয়েবসাইটে পাওয়া যাবে। বিল ফরমের যথাস্থানে সরকারি আদেশ অনুযায়ী প্রয়োজ্যমত মেরিট নং এবং রেজিস্ট্রেশন নং আবশ্যিকভাবে উল্লেখ করতে হবে।
  - (খ) এমএস পর্যায়ের ফেলোগণ আগামী ০৫/০১/২০২৩ খ্রি. তারিখের মধ্যে এবং এমফিল/পিএইচডি পর্যায়ের ফেলোগণ আগামী ০৯/০১/২০২২ খ্রি. তারিখের মধ্যে বিল দাখিল করবেন।
  - (গ) বিলের সাথে 'পূরণকৃত ইনফরমেশন ফরম' (৩ কপি), 'জাতীয় পরিচয় পত্র' (৩ কপি), ও 'রাউটার নম্বরসহ চেক বইয়ের উপরের পৃষ্ঠা (Cover Page)' (৩ কপি) সংযুক্ত করতে হবে।
  - (ঘ) এক কপি বিলের গায়ে ১০/- (দশ) টাকার রেভিনিউ স্ট্যাম্প আঠা দিয়ে সংযুক্ত করতে হবে।
  - (ঙ) বিলে ফেলোর স্বাক্ষর, গবেষণা তত্ত্বাবধায়ক ও বিভাগীয় প্রধানের স্বাক্ষর এবং অফিসিয়াল সীল থাকতে হবে।
  - (চ) এমফিল/পিএইচডি পর্যায়ের ফেলোগণ তাদের বিভাগীয় প্রধানের প্রশংসা পত্র বিলের প্রত্যেক কপিতে সংযুক্ত করবেন। উক্ত প্রশংসাপত্রে 'গবেষণা কর্মে নিয়োজিত রয়েছেন এবং তাঁর গবেষণা কর্মের অগ্রগতি সন্তোষজনক' শব্দগুলো আবশ্যিকভাবে লিখিত থাকতে হবে।
  - (ছ) এমফিল/পিএইচডি পর্যায়ের দ্বিতীয় ও তৃতীয় বর্ষের ফেলোগণ বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয় কর্তৃক আয়োজিত সেমিনারে তাঁদের প্রবন্ধ/গবেষণা এর অগ্রগতি উপস্থাপনের প্রস্তুতি রাখবেন।
- ২। ২০২২-২০২৩ অর্থবছরে বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়ের জাতীয় ফেলোশিপ কর্মসূচির আওতায় জাতীয় বিজ্ঞান ও প্রযুক্তি (NST) ফেলোশিপ খাতে '(১২০০০৫১০০-৩৮২১১১৭-বৃত্তি/মেধাবৃত্তি)' কোডে বরাদ্দকৃত অর্থ হতে এ ব্যয় নির্বাহ করা হবে।
- ৩। অর্থ মন্ত্রণালয়ের ১৬/০৮/২০১৫ খ্রি. তারিখের ০৭.০০.০০০০.১৫১.২২.০০৩.১৫-৩৫১(১) নম্বর সরকারি আদেশে প্রদত্ত ক্ষমতাবলে এ আদেশ জারি করা হলো।

  
(খান মোঃ রেজা-উন-নবী)  
উপসচিব

ফোন: ২২৩৩৫৪৪১৯

E-mail: section12@most.gov.bd

সদয় অবগতির জন্য অনুলিপি প্রেরণ করা হলো:

- ১। রেজিস্ট্রার.....(বিশ্ববিদ্যালয়ের ফেলোশিপপ্রাপ্ত ছাত্র-ছাত্রী/গবেষককে অবহিত করার প্রয়োজনীয় ব্যবস্থা গ্রহণের অনুরোধসহ)।
- ২। মাননীয় মন্ত্রীর একান্ত সচিব, বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা (মাননীয় মন্ত্রীর সদয় অবগতির জন্য)।
- ৩। সিনিয়র সচিবের একান্ত সচিব, বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা (সিনিয়র সচিব মহোদয়ের সদয় অবগতির জন্য)।
- ৪। প্রোগ্রামার, বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা (মন্ত্রণালয়ের ওয়েবসাইটে প্রকাশের অনুরোধসহ)।
- ৫। অতিরিক্ত সচিব (বিপ্র) এর ব্যক্তিগত কর্মকর্তা, বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা।
- ৬। অফিস কপি।

## NST Fellowship 2022-2023/MS (Physical Science Group)

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
1	86	Nazia Afrin Jashi	01727153354	DU	Leather Products Engineering	"Fabrication of nanocomposite of collagen hydrolysate produced from chrome tanned solid waste and evaluation of its barrier properties for food packaging application."	54,000/-
2	543	Sajneen Akter Munmun	01873942847	DU	Leather Products Engineering	Fabrication of nanofibrous scaffold by electrospinning of collagen-cellulose acetate as a dressing material for wound healing application.	54,000/-
3	85	Fatema Tujjohra	01867912289	DU	Footwear Engineering	Preparation of biodiesel from tannery solid wastes by enzymatic hydrolysis.	54,000/-
4	297	Khairum Haque Orthi	01779027651	SUST	Physics	Analysis of Terrestrial and anthropogenic radionuclides concentrations in soil and lifetime cancer risk due to gamma radio activity in Sylhet Bangladesh.	54,000/-
5	1220	Md Samaul Alam	01521457093	DU	Lether Engineering	Application of Bacterial Neutral Expressed by E.Coli in Goatskin Soaking, Unhairing, Liming and Assessing its Effect on Chrome Uptake During Chrome Tanning of Leather	54,000/-
6	473	Shahimur Akter	01791052560	CoU	Physics	"Fabrication of Nickel (Ni) and Cobalt (Co) co-doped Cupric Oxide (CuO) thin films to enhance the absorptivity of solar-absorber layer."	54,000/-
7	677	Trishna Datta	01537238164	DU	Applied Mathematics	Approximation of Option price through Fractional Order Black-Scholes Model.	54,000/-
8	556	Mysha Maliha	01978533894	DU	Leather Products Engineering	Development of Edible Packaging Materials from Collagen, Sodium Alginate, and Pomegranate Peel Powder: Valorization of Untanned Tannery Trimming Waste.	54,000/-
9	1119	Lubana Tanvia	01551076131	DU	Statistics	On Doubly Inflated Poisson Regression Model for Clustered Count Data: Analyzing Maternal Health Seeking Behavior in Bangladesh.	54,000/-
10	316	Md. Nasir Uddin Shohag	01521431080	JU	Mathematics	Qualitative study on air removal efficiency of biofilter in lung tissues.	54,000/-
11	18	Sarmistha Sama Gomasta	01521438510	JU	Computer Science and Engineering	Blockchain-Based Resource Sharing Platform for Training and Validation of Machine Learning Models.	54,000/-
12	273	Farhana Sharmin	01840127979	DU	Leather Products Engineering	Formulation of nitrogen-phosphorous-potassium enriched organic fertilizer from leather solid waste and its application to study the growth of Marigold (Tagetes) Plant.	54,000/-
13	708	Md. Ariful Islam	01537648027	DU	Footwear Engineering	Preparation of Nano-composite from Tanned Leather Solid Waste for Insole Application.	54,000/-
14	136	Md. Mahfuzar Rahman	01797659256	DU	Disaster Science & Climate Resilience	Flood Inundation Mapping of Sylhet City using Coupled 1D/2D Hydraulic Modelling: A Case Study of Recent Flood Event 2022.	54,000/-
15	336	Alif Mohammad Khan	01780172175	DU	Oceanography	Spatio-temporal and seasonal distribution of Microplastic debris along the Middle Ground of the Bay of Bengal and their identification and classification using FTIR Spectroscopy.	54,000/-
16	184	Farida Siddiqi Prity	01877557081	NSTU	Information & Communication Engineering	An Efficient Weather Forecast-based Rice Cultivation System using Artificial Neural Network.	54,000/-
17	1120	Tasmiah Afrin Emma	01679244880	DU	Statistics	A Right Truncated Bivariate Negative Binomial Regression Model to Analyze Frequency and Contents of Antenatal Care Visits in Bangladesh.	54,000/-
18	377	Zeba Samiha	01538320633	DU	Chemistry	Chemical and Biological Activity Studies of <i>Carissa caranda</i> .	54,000/-
19	455	Runa Akter	01864364129	CU	Forestry and Environmental Sciences	Impact of Climate Change on tree species distribution and migration.	54,000/-
20	685	Shakila Shafiq	01991677002	JU	Information Technology	Hybrid NI Algrithm and AI-based Technique for Diagnosis of PD.	54,000/-
21	427	Shakil Ahmed	01771973726	IU	Applied Chemistry and Chemical Engineering	Synthesis of cellulose acetate from cotton waste by transesterification.	54,000/-
22	916	Mohammad Solaiman	01819013302	DU	Geology	"Evaluation of the Deeper Hydrocarbon Prospects of Bengal Basin in Bangladesh."	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
23	338	Riva Akter	01612220755	JnU	Chemistry	Fabrication of CoFe-based Heterometallo Supramolecular polymer for Amperometric detection of Nitrite.	54,000/-
24	447	Md. Kamrul Hasan Tuhin	01609525368	NSTU	Computer Science and Telecommunication Engineering	Effect of Globalization on Trade Flow of Bangladeshi Commodities in International Trade Using Complex Network Approach.	54,000/-
25	389	Md. Bayazid Hossen	01722214944	RU	Statistics	An Investigated Statistics and Bioinformatics Approaches and Drug Repurposing.	54,000/-
26	182	Parveen Akter	01641713702	CU	Chemistry	Vanadium complexes of a cyanoethyl derivative of an isomeric hexamethyl tetraazamacrocyclic: Synthesis, characterization and biological investigation.	54,000/-
27	500	Sakabe Tarannum	01646057365	NSTU	Applied Chemistry and Chemical Engineering	"Synthesis of nano-photocatalyst for efficient application of wastewater treatment."	54,000/-
28	186	Anika Farah Tuhin	01855173576	CU	Chemistry	Dicarbamoylethyl derivative of an isomeric polyazamacrocyclic ligand and its zinc(II) complexes: Synthesis, characterization and biological evaluations.	54,000/-
29	839	Rubaiyat Mustari	01624867571	JnU	Physics	Potential description of $\alpha^{20}$ Ne elastic scattering.	54,000/-
30	1110	Md. Ahsan Ullah	01408348354	KU	Applied Mathematics	Deep Transform Learning Based Brain Tumor Classification.	54,000/-
31	253	Abu Hayat	01774183843	JU	Physics	Transition metal dichalcogenide (TMDs) Nano-Sheet (2D) as a gas sensor: A DFT study.	54,000/-
32	263	Sefat-E-Barket	01766277458	JU	Statistics	Bayesian Hierarchical Spatial Modeling of COVID-19 Cases in Bangladesh.	54,000/-
33	557	Ayesha Siddika	01521258166	DU	Leather Engineering	Application of bacterial lipase for cleaner beam house processing of sheep skin.	54,000/-
34	13	Most. Sweete Akter	01910268089	HSTU	Physics	Synthesis and Characterization of Hydroxyapatite and Nickel Ferrite Nanocomposites for Biomedical application.	54,000/-
35	420	Noor-e Jannat Rupa	01887969942	NSTU	Applied Chemistry and Chemical Engineering	Ultrasound Synthesis, Characterization and Application of Silica Coated Copper Oxide (CuO@SiO <sub>2</sub> ) Nanoparticles.	54,000/-
36	332	Romanaj Jahan	01644199242	CoU	Statistics	The Impact of Climate Change on Waterborne, Airborne and Vector-borne disease in Bangladesh.	54,000/-
37	76	Israth Jahan Bithi	01779438099	DU	Footwear Engineering	Preparation and characterization of aluminium base activated carbon derived from tannery solid waste and its application to remove chromium.	54,000/-
38	164	Atol Mondal	01964160641	JUST	Chemical Engineering	A Strategy of enhancing TiO <sub>2</sub> dye degradation activity using metal and non-metal dopants under sunlight irradiation.	54,000/-
39	903	Mst. Tanmin Nahar	01317725365	KU	Statistics	Prevalence and Associated Factors of Second-hand smoking Exposure among Smokers and Non-smokers: A meta-analysis of Global adult Tobacco Survey Data.	54,000/-
40	268	Hafiza Akter Mim	01850651561	JU	Statistics	Extension of Generalized Quantile-based Asymmetric Family for Survival Analysis.	54,000/-
41	848	Raisa Shamma	01824420282	DU	Applied Statistics	Information Criteria for Penalized Likelihood Approach in Generalized Linear Models.	54,000/-
42	642	Mst. Zeba Fareha	01792954152	HSTU	Mathematics	A Study on integrated model based on consignment policy.	54,000/-
43	24	Md. Tanvir Ahmed	01796477447	DU	Nuclear Engineering	Neutronics and Burnup Analysis of LEU with TRU fuel rod in dual cooled annular assembly of VVER 1000.	54,000/-
44	457	Farzana Hoque	01672349190	CU	Mathematics	Mathematical Analysis of Complex Dynamics of a Dengue and COVID-19 Co-infection model.	54,000/-
45	111	Priom Saha	01521416559	DU	Applied Statistics	Sensitivity Analysis with Matched Pairs from Observational Studies.	54,000/-
46	329	Sheikh Fahim Faysal Sowrav	01986761741	BSMRMU	Oceanography and Hydrography	Building a conceptual framework recognizing relationship between Climate variabilities and Hilsa fish migration in the northern Bay of Bengal.	54,000/-
47	955	Md. Shahjahan	01706866177	HSTU	Mathematics	Innovative Wave Profiles Relating to The nonlinear Burgers System and the Drinfeld' D-Sokolov-Wilson Equation.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
48	235	Aymaan Fyroz	01778630910	JU	Physics	DFT Study of Bilayer 2D Nanomaterials as Molecular Sensors.	54,000/-
49	1012	Mst. Mahmuda Akhtar	01772855836	RU	Applied Chemistry and Chemical Engineering	Investigation of heavy metals concentration and health risk assessment in different branded sugar available in Bangladesh.	54,000/-
50	114	Mst. Farjana Parvin	01797541790	JnU	Mathematics	Boundedness and partial regularity of the higher order derivative of a weak solution to a doubly nonlinear parabolic equation.	54,000/-
51	604	Tania Akter	01736092501	CoU	Chemistry	Development of electroanalytical method as point of care device for detecting selective vinks and post-infection antibodies.	54,000/-
52	1160	Niloy Chandra Das	01518332757	DU	Footwear Engineering	"Preparation and characterization of clay/chitosan/ZnO biocomposite for tannery wastewater treatment."	54,000/-
53	257	Shanto Chakroborty	01794188488	DU	Theoretical Physics	Machine Learning Hadron Spectroscopy.	54,000/-
54	141	Mahbuba Aktry	01773316037	BRUR	Physics	Mechanical Stability, Electronic, Optical and Photocatalytic Properties of Lead Based CsPbX <sub>3</sub> (X=Cl, Br,I) and Lead Free CsBX <sub>3</sub> (B=Sn, Ge) investigation by DFT Calculations for Optoelectronic Applications.	54,000/-
55	154	Rubia Yasmin	01795450580	PUST	Statistics	Computer Aided Pulmonary Tuberculosis Diagnosis from Chest X-Ray Image using Deep Transfer Learning.	54,000/-
56	3	Sabiha Shirin Sara	01645450132	KU	Statistics	Individual and community level factors associated with child malnutrition in several south Asian countries: analysis of demographic and health surveys data.	54,000/-
57	681	Atika Akter	01751969858	JU	Information and communication Technology	Detection of Angina Based on Electrocardiography (ECG) Signal using Deep Learning Approach.	54,000/-
58	1027	Tonny Chowdhury	01971426196	RU	Applied Chemistry and Chemical Engineering	Development of Lignin nanoparticles Loaded Carboxymethyl Chitosan/PVA based Sustainable Hydrogel for Controlled Drug Delivery.	54,000/-
59	1133	Tamanna Jaman	01863487007	DU	Footwear Engineering	Effective utilization of tannery solid wastes to develop a high-performing re-tanning agent for cleaner leather manufacturing.	54,000/-
60	77	Hijmun-Nahar	01927498878	DU	Leather Engineering	Removal of Dye from Tannery Wastewater by Activated Carbon Generated from the Seed of <i>Abroma augustum</i> .	54,000/-
61	458	Diganta Broto Kar	01741320612	HSTU	Mathematics	Analysis of wave propagation in low-pass electrical transmission lines arise in a nonlinear model adopting two efficient techniques.	54,000/-
62	792	Sadia Sikder	01861007168	BUP	Environmental Science	Development of A Novel Method of Wastewater Treatment, Saltwater Desalination and Bioelectricity Generation in Microbial Desalination Cell.	54,000/-
63	1187	Rumana Yasmin	01989708190	JU	Computer Science and Engineering	Thyroid Cancer Detection using using Machine Learning Techniques from image.	54,000/-
64	204	Mumtahena Diyan Mohona	01558127021	DU	Electrical and Electronic Engineering	Modelling of Sicep-Switching Organic Electrochemical Transistor (OECT) For Highly Sensitive And Label-Free Biosensing.	54,000/-
65	444	Rehana Akter Tamim	01751126765	JnU	Statistics	Minimum Covariance Determinant (MCD) based Linear Model Building for High Dimensional Datasets.	54,000/-
66	801	Kazi Hafizur Rahman	01717754175	DU	Mathematics	A stochastic treatment to SEIR epidemic model considering fluctuating social environments and vaccination.	54,000/-
67	429	Susmita Pramanik	01828600565	PUST	Geography and Environment	Impact of Climate Change on Major Crop Production in Bangladesh: A Long Term Analysis on Raishahi District.	54,000/-
68	820	Saurav Chandra Das	01521434695	JnU	Computer Science and Engineering	A Blockchain-SDN Based Energy Management Approach for Smart Grids.	54,000/-
69	934	Umme Mahbuba Nabila	01521219250	DU	Nuclear Engineering	Neutronic and fuel cycle performance of LEU fuel with different means of excess reactivity control: Impact of neutron leakage and refueling scheme.	54,000/-

*R. B. B.*

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
70	878	Sharmin Akter	01985661283	PUST	Physics	Influence of external pressure on structural, elastic, electronic, optical, and thermodynamic properties of semiconducting CdSnSCL <sub>2</sub> : A first-principles investigation.	54,000/-
71	256	Md. Redwanul Sarker Refat	01770990109	JU	Physics	"Synthesis and Characterization of CIGS Thin Film as a potential absorber layer for Solar Cell."	54,000/-
72	289	Nusrat Jahan	01704098304	JU	Institute of Information Technology	An Efficient Attention based deep learning Network for Image Restoration and Image object removal.	54,000/-
73	666	Sajib Roy	01521309191	KU	Environmental Science Discipline	Heavy metal contamination in farmed tilapia and shrimp and probable health risks in Khulna region, Bangladesh.	54,000/-
74	418	Morium Sultana Shati	01627276488	NSTU	Statistics	Application of machine learning approach for predicting infant mortality in Bangladesh.	54,000/-
75	4	Amirul Islam Saddam	01799797079	SUST	Chemical Engineering and Polymer Science	"Synthesis of RuO <sub>2</sub> /CdS Nanoparticles by Hydrothermal Method and its photocatalytic Application for Wastewater Treatment"	54,000/-
76	364	Samira Rahman	01756873257	JU	Environmental Sciences	Long term (1970-2012) trends of air pollutants emission from Bangladesh and source apportionment of those pollutants.	54,000/-
77	167	Nahridul Alam Mazumder	01819801332	CU	Applied Chemistry and Chemical Engineering	The presence of aflatoxin M1 (AFM1) in milk and milk products in southeastern parts of Bangladesh (Cumilla, Feni and Chattogram) and Its Detoxification by silver modified silica Nanoparticles (Ag-SiO <sub>2</sub> )	54,000/-
78	697	Kafil Ibaa Kamal	01864720695	DU	Mathematics	Optimal debt dynamics for Bangladesh-A stochastic control approach.	54,000/-
79	415	Shariful Islam	01538372843	DU	Geology	Understanding the depositional architectures and reservoir potentials of mio-piocene deep-marine deposits in the southeastern offshore bengal basin from studying subsurface data and outcrop analogues.	54,000/-
80	1112	Maisha Binte Saif	01521515759	DU	Statistics	A Comparison of ARIMA Model and Neural Networks: Forecasting Fish Production in Bangladesh.	54,000/-
81	1087	Bonyia Rani	01764915394	RU	Materials Science and Engineering	Preparation of Structural Nanocomposites with Polymer matrix and Organic-inorganic Co-reinforcements.	54,000/-
82	627	Noshin Naila	01986810501	SUST	Geography and Environment	Application of Micro-Fossil to Reconstruct the Wetland Ecology of Bangladesh: A Case Study in Tanguar Haor.	54,000/-
83	1169	Ibrahim Khalil	01746641941	CU	Applied Chemistry and Chemical Engineering	Green Synthesis of Silver Nanoparticles (AgNPs) using extracts of Tectona Grandis Seeds and evaluation of antimicrobial action on different microorganism.	54,000/-
84	323	Rafid Fayyaz	01521107826	DU	Oceanography	Prediction of storm surge flooding from category 5 cyclones along the Bangladesh Coast.	54,000/-
85	337	Shahriar Khosnoor Prince	01882288487	DU	Oceanography	ICP-OES assessment of heavy metal contamination and spatial distribution in the tropical marine water and sediment along the middle ground of the Bay of Bengal.	54,000/-
86	558	Shamsunnahar Shamme	01785014377	DU	Leather Products Engineering	Development of Thermoplastic Toe Puff Material from Leather Buffing Dust.	54,000/-
87	215	Md. Majibul Hasan Imran	01792400302	DU	Applied Mathematics	Artificial Neural Network Simulation for the Convective Boundary Layer Flow and Heat Transfer of Hybrid Ferroliquid along a Stretching Sheet.	54,000/-
88	390	Md. Alomgir Hossain	01777377389	RU	Physics	Preparation and Characterization of AgCuO <sub>2</sub> Thin Films and its DFT Insights for Possible Photovoltaic Application.	54,000/-
89	1085	Tasmiah Tamanna	01735574957	MBSTU	Statistics	Determinants of Waiting Time to First Birth Interval among Ever-married Women in Bangladesh: Application of Cox Proportional Hazard Model and Generalized Gamma Model.	54,000/-
90	1176	Md Delowar Hossain	01764638864	IU	Mathematics	Solution of the comfortable fractional Order Lotka-Voterra Model via Multistage Homotopy Perturbation Method	54,000/-

RBE

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
91	112	Romana Ibrahim	01787379808	DU	Disaster Science & Climate Resilience	Prediction of Groundwater Salinity in the South-Western Coastal Region in Bangladesh Using Machine Learning Techniques.	54,000/-
92	352	Mamunnah Jobaid	01774003053	JU	Urban and Regional Planning	Urban Heat Island and Unplanned Urbanization of metropolitan cities; A Comparative study on Rangpur City Corporation and Savar Municipality using Geospatial Technologies.	54,000/-
93	835	Shimthi Tasnim Himi	01748805614	JU	Computer Science and Engineering	A Deep Learning-Based Smart Robotic Assistant for Disableds.	54,000/-
94	795	Annita Siddeka Tanni	01974086016	BSMRSTU	Statistics	A New Robust Biomarker Identification Method for Omics Data Analysis.	54,000/-
95	69	Md. Zahid Hasan	01748736380	IU	Statistics	Alternated Exponentiated Family of Distributions.	54,000/-
96	386	Md. Rezaul Islam	01780771615	RU	Applied Mathematics	A Study on the functionality of the new auxiliary equation method.	54,000/-
97	714	Sabrina Afrin	01637694783	CU	Statistics	Adolescent Contraceptive Use and Its Impact on Fertility: An Analysis of 2017-18 Bangladesh Demographic and Health Survey.	54,000/-
98	375	Rabea Khatun	01683465650	InU	Computer Science and Engineering	A Comparative Analysis of deep learning and machine learning models and frameworks using RNA-seq gene expression data for cancer classification.	54,000/-
99	1184	Most Kulsuma Akter Kakoli	01722742236	BRUR	Disaster Management	Changing Climate Parameters and its impact on Rice Yields in Bogura District	54,000/-
100	841	Rabeya Bakar Sarna	01747081931	JU	Physics	Effect of Plasmonic Nanoparticles on Perovskite materials: A DFT Study.	54,000/-
101	203	Mahmud Hasan Rijaj	01623177862	BUET	Mathematics	Numerical Study of natural convection in an inclined rectangle-shaped cavity with partially heated sidewalls including radiation effect.	54,000/-
102	55	Md Shahriar Hossain Shuvo	01515616451	DU	Applied Chemistry and Chemical Engineering	Synthesis and characterization of B/Ni co-doped SnO <sub>2</sub> nanoparticles for photocatalytic degradation of atrazine from aqueous solution.	54,000/-
103	460	Mst. Kohinur Begum	01745746097	RU	Statistics	Exposure of secondhand smoke in home, workplace and in various public places in Bangladesh and it's correlates.	54,000/-
104	172	Tania Akter	01865299684	NSTU	ESDM	Enumerating chromium resistant microbes along the tannery industries in Bangladesh.	54,000/-
105	28	Hossain Islam	01838165111	DU	Leather Engineering	A Cleaner Delimiting Process with Weak Acids: Effects on Leather Quality and Effluents.	54,000/-
106	296	Md. Numobi Islam	01793910379	SUST	Chemistry	Development of membrane reactor based on nickel and copper catalyst for removal of nitrite.	54,000/-
107	446	Mahmuda Al Neyma	01645356450	NSTU	Statistics	Transformations to Stabilize the Variance.	54,000/-
108	1206	Khadiza Ahsan	01841559922	DU	Geography and Environment	Assessing Social Behaviour among the University going Migrant Students of Dhaka City.	54,000/-
109	709	Md. Imteaz Hossen Imtu	01312400701	DU	Footwear Engineering	Preparation of Composite Using Tannery Solid Waste (Buffing and Shaving Dust) and Waste Sugarcane Fiber for Footwear Application: A Waste Utilization Approach.	54,000/-
110	481	Ujjayini Priya	01535338602	NSTU	Environmental Science and Disaster Management.	The influence of salinity on the microbial processes and physicochemical properties of fresh soil from industrial area of Kumira, Chattogram.	54,000/-
111	518	Most. Homaira Afia Mimi	01785402010	BRUR	Physics	Synthesis and characterization of ZnLiB <sub>3</sub> :Ba for thermoluminescence Dosimetry.	54,000/-
112	959	Md. Iftakhar Mahmud	01733059377	NSTU	Applied Mathematics	A Study on the Growth Rate of Uncertainty of Life and Consumer Purchase Life Insurance: Bangladesh Perspective.	54,000/-
113	683	Era Juliet Das	01749934330	BUP	Environmental Science	Efficiency of Microalgae in Removing Metals (Pb, Cr) and Nutrients (P, N) from Red Category Industrial Effluents.	54,000/-
114	459	Md. Romi Islam	01781054348	RU	Physics	Synthesis and characterization of Cu-Mo substituted SrFe <sub>12</sub> O <sub>19</sub> nanopowder prepared by sol-gel route.	54,000/-

R. B. S. S. S.

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
115	119	K. M. Tanvir	01688967067	DU	Applied Statistics	Modeling Spatially Clustered Binary Data: A Generalized Estimating Equations Approach.	54,000/-
116	925	Ebtasam	01625733669	DU	Footwear Engineering	Synthesizing silica nano particles from rice husk and its application in leather finishing.	54,000/-
117	1161	Nasrin Akter Tanya	01719008065	SUST	Mathematics	A Study on Pseudocomplementation with Respect to an Element of a Lattice.	54,000/-
118	2	Asifur Rahman	01849190889	KU	Chemistry	Synthesis and characterization of reduced graphene oxide based ceric oxide with cadmium sulfide (rGO/Ce <sub>4</sub> O <sub>3</sub> /CdS) heterostructured photocatalyst for dye degradation under visible light irradiation.	54,000/-
119	1115	Rashed Mahmud	01986727899	SUST	Chemistry	Microwave-Enhanced Knoevenagel Reaction: Synthesis, Characterization And Antimicrobial Evaluation of Some 5-Arylidene Rhodamine Derivatives.	54,000/-
120	1166	Mst. Sumaya Akter	01784238978	BU	Mathematics	Numerical Approximation of Differential Equation by using Discontinuous Galerkin Method.	54,000/-
121	272	Sumiya	01771689714	DU	Footwear Engineering	Extraction and Characterization of fats and oils from natural sources and their application in leather processing.	54,000/-
122	1174	Nusrat Jahan	01773963660	BU	Geology and Mining	Drinking water supply management in Barisal City Corporation	54,000/-
123	654	Nofel Ahmed	01776683145	DU	Applied Statistics	Light GBM for Cox Regression in Competing Risk Framework.	54,000/-
124	696	Mohammad Toha	01301596793	BUP	Environmental Science	Assessing Human Exposure to Seasonal Distribution of Suspended Particulate Matter PM 2.5, PM 10 and Airborne Micro-Plastics (ABMPs) in Dhaka City for Epidemiological Studies.	54,000/-
125	1135	Afrin Khandaker	01531824612	SUST	Geography and Environment	Coral Community Dynamics in Relation to The Environmental Variables in The Saint martin Island, Bangladesh.	54,000/-
126	1095	Uzzal Saha	01722288131	PUST	Mathematics	B-spline curve theory and numerical solution of differential equation using B-spline method.	54,000/-
127	168	Israt Jahan	01861696962	NSTU	Information and Communication Engineering	Implementation of Smart Farming in Determining the Soil Fertility Using Artificial Neural Network.	54,000/-
128	382	Farhana Tasrin	01608329171	JU	Mathematics	Comparative Study of Inspiratory flow in Normal and Diseased Lung.	54,000/-
129	1045	Purbita Saha Katha	01727215837	SUST	Geography and Environment	Heavy Metals Source Apportionment and Toxicity Status in Surface Water and Sediment of Turag River and Tongi Canal, Bangladesh.	54,000/-
130	237	Md Abdulla Sayem	01904475989	DU	Physics	Antibacterial activity of Graphene oxide (GO) based ZnO nanocomposites with embedded metal nanoparticles.	54,000/-
131	850	Jannatul Ferdous	01759076629	RU	Chemistry	Novel Schiff Base Transition Metal Complexes: Theoretical, Biological and Molecular Docking Studies.	54,000/-
132	367	S.M Rajib Hossain	01521492843	DU	Statistics	"Effect of Digital Inclusion on Multidimensional Energy Poverty in Bangladesh"-A Household Level Analysis.	54,000/-
133	786	Kazi Mehedi Mohammad	01791576097	DU	Mathematics	Modeling of the Transmission of Influenza and Critical Illness with Prevent Strategies.	54,000/-
134	1179	Roksana Yesmin	01772178528	RU	Information and Communication Engineering	Brest Cancer Detection Using Machine Learning Classifier	54,000/-
135	340	Fatema Khan	01781527079	JU	Computer Science and Engineering	Stability Analysis of Fuzzy and Shannon Entropy of Image under Noisy Environment.	54,000/-
136	997	Nahida Akter	01879922528	CoU	Information And Communication Technology	Cyberbullying Detection From Multimodal Bangla Meme Using Deep Learning Approaches.	54,000/-
137	1134	Samiha Suchit Neela	01846548587	DU	Leather Products Engineering	Extraction of gelatin from raw trimming wast and chitosan from prawn shell waste to prepare eco-friendly biodegradable plastic using Zinc Oxide nanoparticles.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
138	397	Md. Asaduzzaman	01773022168	RU	Statistics	Computational Prediction of Protein Phosphorylation Sites by Fusing Sequence Encoding Schemes with the Random forest Classifier.	54,000/-
139	562	Arjana Akter Mojumder	01885065609	JnU	Physics	Thermal transformation on the structural and electrical properties of organomodified Sodium-montmorillonite.	54,000/-
140	1140	M.M. Shah Porun Rana	01734737791	JnU	Geography & Environment	Site suitability analysis for Solar PV power plant installation using AHP based geospatial techniques in Bangladesh.	54,000/-
141	27	Hasibur Rahaman Bhuiyan	01568969295	DU	Leather Engineering	Preparation of Furniture Board from Leather Shaving and Buffing Dust: A Waste to Wealth Approach.	54,000/-
142	774	Most. Bithi Akter	01792782001	BRUR	Chemistry	Green Synthesis of Magnetic Nanoparticles & Its Application as adsorbent.	54,000/-
143	979	Md. Abu Jafor Siddiki	01760883183	DU	Leather Engineering	Development of phyto-based curing agents to reduce salinity and TDS in tannery wastewater.	54,000/-
144	440	Md. Bipul Islam	01780426449	BRUR	Statistics	An Integrated Network-based bioinformatics approach for identification of shared gene signatures between low-grade glioma, hypertension and diabetes mellitus.	54,000/-
145	83	Shameea Sultana	01557674994	DU	Leather Products Engineering	Preparation of CuO-ZnO nanocomposite based bioplastic using collagen hydrolysate from raw hide trimming.	54,000/-
146	250	Md. Abdul Kabir Hossain	01521204238	JnU	Chemistry	Synthesis, Biological Evaluation, Drug Likeness and Mode of Action Studies of New 2-Arylidene-4-Phenylthiazole Analogues as Broad Spectrum Antibiotic Agents.	54,000/-
147	1044	Md. Abid Hasan	01622690592	CU	Applied Chemistry and Chemical Engineering	Phyto (Blumea Laccra) Synthesis of Silver nanoparticles (AgNPs) and Assessment of their Antidiabetic, Anticoagulant, Hemolytic and Anti-biofilm Activities.	54,000/-
148	992	Mujahidul Islam	01521325296	CoU	Information and Communication Technology	Sexual Harassment Detection of Bangla Text Using Machine Learning and Deep Learning Techniques.	54,000/-
149	1057	Mst. Sumaiya Khatun Sumi	01787950837	BRUR	Mathematics	A Study on Fuzzy Soft Topological Spaces.	54,000/-
150	1121	Masheyat Tabassum	01777819432	JU	Urban and Regional Planning	The Necessity of Affordable Public Transport Fare Policy for the Students of Bangladesh: A Case Study of the College and University Students in Dhaka City.	54,000/-
151	608	Md. Syedul Islam	01789324344	RU	Chemistry	Modification of graphite electrode for voltammetric determination of heavy metals in different agrochemical products, foods and water samples.	54,000/-
152	439	Md. Bazlur Rashid	01521305891	BRUR	Chemistry	Extraction and Evaluation of Sesame Oil in Bangladesh.	54,000/-
153	5	Joyanta Mondal	01728431501	SUST	Chemical Engineering and Polymer Science	"synthesis and Characterization of visible light activated nanoparticles for the photocatalytic degradation of toxic organic compounds"	54,000/-
154	60	Himadri Shekhar	01521209156	DU	Geology	"Addressing the ambiguity of ERT Data Interpretation for Dipping Aquifers by Comparing Numerical and Inverse Modeling"	54,000/-
155	653	Mst. Mahmoda Akter	01786262252	NSTU	Environmental Science and Disaster Management.	Human hair-based adsorbents for the removal Chromium-(VI) from tannery effluent.	54,000/-
156	610	Anika Akter	01647240715	JnU	Statistics	Effect of Pregnancy Intention on Child Mortality in Bangladesh: Evidence from BDHS 2017 Data.	54,000/-
157	648	Nazia Khan Lina	01686125668	JnU	Geography and Environment	Tropical cyclone and older people im(mobility): Insights from the coastal Bangladesh.	54,000/-
158	309	Md. Shafiqul Alam	01780614215	SUST	Chemistry	Synthesis of mixed metal oxide nanocomposites and investigation of their photocatalytic and antibacterial activity.	54,000/-
159	345	Sherajom Moniroh Joya	01868890862	DU	Chemistry	Investigation of Organic Pollutants and Microplastics in Marine Fish Samples in Bangladesh.	54,000/-
160	475	Asma Akter	01538377312	CoU	Physics	Investigation of structural and multiferroic properties of Gd and Sc co-doped BiFeO <sub>3</sub> ceramics.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
161	121	Nadira Pervin	01755902978	BUET	Electrical and Electronic Engineering	Privacy-Preserving Human Activity Recognition from CSI Data using Johnson-Lindenstrauss Transform and Generative Adversarial Networks.	54,000/-
162	852	Shamima Aktar	01938162969	DU	Geography and Environment	Measuring Greenhouse-Gas Emission Reduction Through Enhancement of Electricity Efficiency in the Households of Dhaka City.	54,000/-
163	613	Umme Habiba	01521303611	MBSTU	Environmental Science and Resource Management	Characterization and Classification of Estuaries in the East Southern Coastal Belt of Bangladesh.	54,000/-
164	96	Kh. Rimon Ahmed	01521441571	MBSTU	Textile Engineering	Isolation of Functional Cellulose Nano-Crystals from Jackfruit Sawdust for Textile Waste Treatment.	54,000/-
165	376	Md. Saiful Islam	01518609522	DU	Statistics	Beta Binomial Regression: An Application to Bangladesh Demographic and Health Survey 2017-2018.	54,000/-
166	388	Most. Sumaiya	01751385522	BRUR	Physics	First principle study of elastic, electronic, and optical properties of $MCuO_3$ (M=La and Y) under hydrostatic pressure.	54,000/-
167	800	Most. Rumana Parvin	01745210394	HSTU	Physics	Synthesis and characterization of Pb based Perovskite with carbon nanotube (CNT) composite in application of thin film perovskite Solar cell under ambient condition.	54,000/-
168	614	Hasib Noor Redoy	01787411753	DU	Nuclear Engineering	Neutronic Evaluation of Accident Tolerant Fuel with Different means of Excess Reactivity Control in AP-1000 Reactor using Monte Carlo Code Open-MC & lattice Code DRAGON.	54,000/-
169	1213	Nazmin Akter	01875368902	NSTU	Applied Mathematics	Sensitivity Analysis in Linear Programming Problem with Praticle Examples.	54,000/-
170	1217	Fataha Hossen Jui	01954639801	PSTU	Geo Information Science & Earth Observation	Carbon stock monitoring and analysis using stellite data following major cyclone events in Sundarban Bangladesh.	54,000/-
171	180	Mahbub Hasan	01622487174	CU	Chemistry	"Optimization and validation of RP-HPLC method to determine antibiotics residue in animal derived foods."	54,000/-
172	449	Md. Abul Basar	01518649367	JnU	Statistics	Assessing the decision making power of women in Bangladesh during perinatal stage: Evidence from data of Bangladesh Demographic and Health Survey 2017-18.	54,000/-
173	41	Md. Mehedi Hasan	01798473575	BSMRSTU	Mathematics	Bifurcations and chaotic analysis to some nonlinear models in ecology and biology associated with their analytic solutions.	54,000/-
174	147	Jannatul Mowa	01998859065	NSTU	Environmental Science and Disaster Management.	Determining the solubility of trace heavy metals of different soils with different extractants.	54,000/-
175	989	Morsheda Akhter	01742577818	KU	Chemistry	Rare-earth metal doped spinel ferrite composite: Fabrication and evaluation of catalytic properties.	54,000/-
176	768	Mst. Samira Khatun	01774430820	RU	Mathematics	A Study on Virus Host Cell Genetic Material Transport.	54,000/-
177	982	Md. Maaeen Molla	01826595153	RU	Statistics	Exploring the achievements and forecasting of SDG-03 using Machine Learning Algorithms: Bangladesh Perspective.	54,000/-
178	983	Zafrin Sultana	01521535520	CU	Mathematics	Solution and Discussion of Bianchi type spaces.	54,000/-
179	131	Dhanonjoy Chandra Paul	01518921325	JnU	Mathematics	Shape effect and Stability analysis of MHD Nanofluid flow through channel.	54,000/-
180	1158	Md. Fazle Rabbi Joy	01717313227	DU	Geology	Detection and Characterization of Overpressure Zones in Surma Basin Applying Seismic Inversion, Field Investigation and Laboratory Analysis.	54,000/-
181	833	Asikha Zannat Rathna	01623419711	MBSTU	Environmental Science and Resource Management	Isolation and characterization of plant growth promoting rhizobacteria from leguminous plant's rhizospheric soil and its influence on non-leguminous plant growth and soil properties.	54,000/-
182	933	Most. Moushumi Akter	01743586721	BRUR	Disaster Management	Assessment of ground Water vulnerability zone in Rangpur City Corporation (RpCC) using modified DRASTIC Model, GIS and AHP method.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
183	25	Noushin Aktier Tisha	01554248799	DU	Geology	Assessment of Microplastics Contamination in Invertebrates from the Cox's Bazar Coast, Bay of Bengal.	54,000/-
184	93	Md. Tarikur Rahman	01858971571	KU	Mathematics	Periodic MHD Unsteady Flow of chemically Reactive Species past a Vertical Porous Plate with Molecular Diffusion.	54,000/-
185	853	Moumitu Tasnim	01841958584	JU	Information & Communication Technology	Federated machine Learning-based Healthcare Model for Monitoring Stress using Wearable Sensor Data.	54,000/-
186	1058	Araf Mahmud	01318708343	MBSTU	Physics	Radiological Contamination Investigation of Soils Collected from Major Ship Breaking Yards in Dhaka and Chattogram, Bangladesh.	54,000/-
187	974	Moontaha Nusrat	01705823712	HSTU	Chemistry	Biological activity and chemical investigation of ethanolic and aqueous extracts of Malva parviflora (Napa Shak).	54,000/-
188	883	Md. Rakibul Hasan Rakib	01521209464	KU	Chemistry	Plant sources-based facile synthesis of reduced graphene oxide (rGO) as an efficient adsorbent for the removal of organic dyes.	54,000/-
189	392	Abu Bokkor Siddique	01772754908	RU	Physics	Synthesis of Metal Doped SnO <sub>2</sub> Thin Film and its Characterization for Optoelectronic and Photovoltaic Applications.	54,000/-
190	448	Sutopa Roy	01956315802	JnU	Statistics	Women's autonomy in decision-making on maternal healthcare utilization in Bangladesh.	54,000/-
191	1182	Sadia Sumona Chowdhury	01685580696	MBSTU	Environmental Science and Resource Mgt	Investigation of Heavy Metal in surface water and sediment in association with ecological risk assessment in urban and rural area of Louthajong River.	54,000/-
192	130	Naharin Zannat	01521402920	DU	Disaster Science & Climate Resilience	Susceptibility mapping of Landslide using the weight of evidence (WOE) Model for the Chittagong Metropolitan Area (CMA).	54,000/-
193	179	Emon Uddin Rahat	01303185901	CU	Chemistry	Synthesis, characterization and biological activities of cobalt (III) complexes of an N-pendent derivative of an isomeric macrocyclic ligand.	54,000/-
194	310	Md. Mushfiqur Rahman	01791201414	DU	Oceanography	Antioxidant, antimicrobial, cytotoxicity and membrane stabilizing activities of <i>Sargassum flavicans</i> , <i>Ulva lactuca</i> , <i>Caulerpa racemosa</i> , <i>Hypnea musciformis</i> , <i>Halimeda discoidea</i> .	54,000/-
195	63	Kaniz Fatema	01762916979	JU	Information Technology	Motion Analysis Of Obstructive Sleep Apnea Using ECG, EEG and SpO <sub>2</sub> Signals.	54,000/-
196	536	Mst. Sadia Afroj	01789090209	JU	Mathematics	Model Aided Understanding of Intraspecific Competition among 3-Species in Ocean Ecosystems.	54,000/-
197	840	Riadus Saleh	01521207246	JnU	Physics	Potentials for $\alpha^{65}\text{Cu}$ and $\alpha^{65}\text{Cu}$ elastic scattering.	54,000/-
198	339	Mst. Aklima Khatun Akhi	01796151768	JU	Computer Science and Engineering	Electrical Load Forecasting Using Fuzzy Inference System.	54,000/-
199	61	Raima Adhikary	01815413420	JU	Information Technology	Deep ResNet-50 Architecture for Classifying stages of Alzheimer's Disease using Magnetic Resonance Image and Tabular Data.	54,000/-
200	117	Bristy Saha	01680242929	JnU	Mathematics	Generalized (Q,Q)- Derivations on $\delta$ -Ideal of a $\delta$ -Prime r-Ring Acting as a Homomorphism and Anti-Homomorphism.	54,000/-
201	1022	Mrimoye Sarker Mily	01637842125	RU	Mathematics	Well-posedness of non-linear heat equations in uniformly local Lebesgue spaces.	54,000/-
202	651	Nur Nahar	01844676432	NSTU	Environmental Science and Disaster Management.	Application of Mollusc shells(Mos)-derived Biosorbent for the Remediation of hexavalent chromium from Aqueous Solutions: Isotherm, Kinetic & Thermodynamic Studies.	54,000/-
203	270	Md. Mustafizur Rahaman	01729949419	JU	Urban and Regional Planning	Estimating Regeneration Capacity of the Sundarbans mangrove forest using Landsat Technology.	54,000/-
204	368	Abida Sultiana Asha	01533448845	DU	Statistics	Models for analyzing Zero Inflated count Data: An Application to Children Death per Mother in Bangladesh.	54,000/-
205	727	Md. Suvo Tamim	01742518607	DU	Geography and Environment	Impact of Tropical Cyclones on Coastal Morphology of Bangladesh: A Comparative study between MORA and SIDR.	54,000/-

MR

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
206	782	Lamiya Hassan Tithy	01743647882	BUET	Biomedical Engineering	Development of Chitosan/Starch based Hemostat with Improved Functional Properties.	54,000/-
207	579	Faiza Ahmed	01673618493	BUET	Biomedical Engineering	Development of Bioactive molecules loaded Gelatin based Hydrogel for Chronic Diabetic Wound Healing.	54,000/-
208	8	Jarin Fardous Jakia	01792189545	SUST	Geography and Environment	Coastal Vulnerability Assessment to Climate Change in the Coastal Area of Bangladesh.	54,000/-
209	441	Md. Al-Amin Islam	01750363141	DU	Footwear Engineering	"Preparation of Biodiesel from Solid Leather Wastages."	54,000/-
210	249	Fahima Ferdous	01518659673	JnU	Chemistry	Preparation of Cu-Ru based Metallo-Supramolecular Polymers with Electrochemical Detection of Dopamine.	54,000/-
211	977	Most. Mahfuza Khatun	01797621694	RUET	Glass & Ceramic Engineering	Sol-Gel Synthesis of Nitrogen, Silver and Copper Doped Titanium Dioxide Nanoparticles to Study the Antibacterial and Photocatalytic Activity.	54,000/-
212	533	Ishmam Tahmid	01521407960	DU	Applied Chemistry and Chemical Engineering	Synthesis and characterization of TiO <sub>2</sub> @ZIF-8/PANI nanocomposite for the treatment of textile wastewater.	54,000/-
213	910	Mst. Reksona Pervin	01981880491	BU	Mathematics	CFD analysis of flow induced phenomena inside the pilot stage of the deflectorjet servo-valve for different flow states.	54,000/-
214	849	Md. Hasan Mia	01787917221	RU	Physics	First-principles study of structural, mechanical, electronic, optical and thermodynamic properties of NbIn <sub>2</sub> ( $\lambda = S, Sc$ )	54,000/-
215	401	Shammy Aktar	01303027239	RU	Statistics	Time Series Model Building and Forecasting on Maximum and Minimum Temperature in the North-West Bangladesh.	54,000/-
216	1113	Kamiz Fatema	01892768894	DU	Statistics	Survival analysis of timing of first antenatal care visit among pregnant women in Bangladesh.	54,000/-
217	1047	Marfua Begum	01796038501	HSTU	Mathematics	A study on exact travelling wave solutions of nonlinear medium equal width and modified kawahara equations by using expansion method.	54,000/-
218	35	Saifuddin Ahmed	01521435645	DU	Applied Chemistry and Chemical Engineering	Preparation and biomedical application of PEO-Honey based novel electrospun nanofibers reinforced with cellulose nanocrystal extracted from spent tea leaves.	54,000/-
219	240	Md. Shakil Khan	01581436970	DU	Theoretical Physics	Role of Interactions on Thermodynamic Properties of Liquids Ti, Mn and Pt.	54,000/-
220	507	Ummul Khaier Salma	01742002009	HSTU	Chemistry	Green synthesis of Metal Oxide nanoparticles by using plant extract and their application.	54,000/-
221	993	Almas Hossain Antar	01521307312	CoU	Information And Communication Technology	Social Media Cyberbullying Detection on Political Violence from Bangla Text.	54,000/-
222	530	Ilnaz Fargul Chowdhury	01742807220	DU	Chemistry	Fabrication of Graphene Oxide-Based Hydrogel for the Removal of Dyes and Antibiotics from Aqueous Solutions.	54,000/-
223	678	Mohammad Hossain	01763486543	DU	Chemistry	Molecular level interactions of some antidiabetic drugs with D (+)-glucose inaqueous solution at different perturbations.	54,000/-
224	734	Mst. Asfat Ara Joly	01735852691	DU	Geography and Environment	Impact of sand mining on coastal geomorphology of Bangladesh: A case study of the Meghna estuary.	54,000/-
225	785	Nishat Tahsin	01845168394	DU	Chemistry	Preparation of Graphene Oxide/Metal Oxide-Hydrogel Composite for Wastewater Treatment.	54,000/-
226	369	Kazi Sabbir Ahmad Nahin	01781228544	DU	Statistics	Nexus Between Energy Consumption and Social Well-being: An Evidence from Bangladesh.	54,000/-
227	366	Shamsun Naher Shila	01883069068	JU	Environmental Sciences	Antimicrobial Resistance of Pathogenic Bacteria Isolated from Drinking Water of Schools and colleges in Gazipur, Bangladesh.	54,000/-
228	159	Md. Badrul Islam	01704880318	CU	Chemistry	Methyl-a-L-rhamnopyranosides ester: Synthesis, Characterization, Thermodynamic and Molecular Docking Studies.	54,000/-

AR

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
229	511	Md. Amirul Islam	01700500574	RU	Information and Communication Engineering	Big Data Analytics Adoption for Cybersecurity: A Review of Current Solutions, Requirements, Challenges and Trends.	54,000/-
230	1205	Aporupa Abeazom Zom Urmi	01797490837	DU	Chemistry	Evaluation of the Water Quality of Dhaleshwari River adjacent to the Tannery Industries at Savar	54,000/-
231	175	Razia Sultana Zerin	01788828015	HSTU	Statistics	Statistical Inference for time-dependent prognostic accuracy measures in the presence of competing risks and missing Biomarkers.	54,000/-
232	857	Mst. Sanzida Jahan Sharma	01726426692	KU	Environmental Science	Hydrochemical characteristics of groundwater and surface water for drinking and irrigation purposes in Debhata Upazila, Sathkira, Bangladesh.	54,000/-
233	170	Sahab Uddin Shammim	01835428731	CU	Applied Chemistry and Chemical Engineering	Over View of water Quality and environmental contamination by heavy metal and metalloids of kalurghat industrial area, Chattogram, Bangladesh.	54,000/-
234	287	Kazi Habib Ullah	01628286553	DU	Applied Mathematics	Cardiovascular parametric effects on power law fluid-structure interaction through stenosed bifurcated artery.	54,000/-
235	563	Kaniz Fatema Laizo	01921539983	InU	Physics	Structural, morphological, magnetic and dielectric properties of organomodified montmorillonite supported ferrite nanocomposites.	54,000/-
236	1014	Israt Jahan	01767013063	RU	Geology & Mining	Pollution characteristics, health risk assessment and source of heavy metal of Barapukuria Coal Mine, Dinapur.	54,000/-
237	1183	Most Mastura Munia Farjana Jion	01722543429	BRUR	Disaster Management	Identification of NO2 and SO2 Pollution Hotspots and sources in Bangladesh.	54,000/-
238	984	Tanny Dey	01681877466	CU	Mathematics	Discussion and Solution of spherically symmetric space.	54,000/-
239	611	Rozi Hasna	01860704350	InU	Statistics	Modelling Exponential Survival Regressing and Its Generalization from Bayesian Perspective.	54,000/-
240	362	Mahadi Hasan Sohag	01781215929	JU	Environmental Sciences	Analysis of Organophosphorus in Leafy Vegetables Using High-Performance Liquid Chromatography.	54,000/-
241	378	Wahida Ferdose Urmi	01756629803	InU	Computer Science and Engineering	A hybrid feature selection-based machine learning framework for detecting cyber attacks.	54,000/-
242	261	Afruja Sultana	01866112598	JU	Computer Science and Engineering	Android Malware Classification using Image Fusion and Deep Convolutional Neural Network.	54,000/-
243	435	Md. Abu Ryhan	01580867512	DU	Geography and Environment	Spatial risk assessment of urban heat islands on public health in Dhaka city.	54,000/-
244	700	Mahpara Hasan Chowdhury	01798928299	BUJP	Environmental Science	Assessment of microplastics in processed food: Occurrence, abundance, characteristics and human health implications.	54,000/-
245	949	Farzana Yesmin	01796884828	RU	Statistics	Breast cancer identification, Diagnosis and Prognosis through machine Learning Techniques.	54,000/-
246	1048	Mst. Sumiya Akter	01742193005	HSTU	Statistics	A Statistical Evaluation of Penalized Regression Models to Predict Prevalence of Depression among Elderly People in Bangladesh.	54,000/-
247	1148	Mabia Hossain Shetu	01758897419	JU	Environmental Sciences	Identification and Characterization of Fluoroquinolone residues in sewerage system of Dhaka, Bangladesh.	54,000/-
248	142	Most. Jannatul Ferdoush Pinki	01718549070	BRUR	Physics	Dust Ion-Acoustic Solitary and Shock Waves in a Dusty Electronegative Plasma with Nonthermal Ions and Kaniadakis Distributed Electrons.	54,000/-
249	837	Aswariya Roy	01521408983	DU	Theoretical Physics	Calculation of Self Diffusion Coefficient of Liquid Noble Metals and Their Alloys.	54,000/-
250	942	Md. Shaharul Islam	01928943505	RU	Information and Communication Engineering	Design of a Wearable Microstrip Patch Antenna for UWB Applications.	54,000/-
251	1116	Anik Das	01521307811	KU	Chemistry	Green synthesis, Characterization and Biological activity of [Zn (N dibenzylidenehydrazine-1-carbothioamide) (Stilbenoid polyphenol amide)] <sup>2+</sup> complex.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
252	133	Fatema Akter Tania	01630356144	JnU	Mathematics	Annulets in a 0-Distributive Lattice.	54,000/-
253	625	Yaqub Ali	01610958252	CU	Forestry	Understanding beach ecosystem conservation puzzles in Cox's Bazar belt.	54,000/-
254	544	Partho Sutra Dhor	01987886059	DU	Mathematics	Algebraic Cryptology in Blockchain and Information Security.	54,000/-
255	424	Md. Zakaria	01845101985	DU	Leather Products Engineering	"Environmental Impact Assessment of Finished Products of Leather Products Industries."	54,000/-
256	57	Md. Mohirul Islam	01538372781	DU	Applied Statistics	The Predictors of Catastrophic Healthcare Expenditure and Under-utilization of Modern Healthcare Facilities in Bangladesh: Some machine Learning Applications.	54,000/-
257	398	Kumary Sumi Rani Shaha	01701050389	RUET	Electrical and Electronic Engineering	Design and Analysis of Polarization Filter based on Hollow Core Fiber.	54,000/-
258	707	Md. Rony Miah	01793390537	DU	Chemistry	Synthesis of Metal-Organic Framework Filters and Their Application for Removing Air Pollutants.	54,000/-
259	827	Simu Bhowmik	01834976605	NSTU	Environmental Science and Disaster Management.	Identification and Accumulation Patterns of Microplastics in Two popular consumed marine Fish Species from the Bay of Bengal, Bangladesh.	54,000/-
260	905	Md. Sadakul Islam	01796878607	SUST	Statistics	Impact of Expatriate's Remittances on School Dropout in Bangladesh: An Application of Bayesian Accelerated Failure Time Model.	54,000/-
261	1096	Md. Ruhul Amin Bhuiyan	01515200432	MBSTU	Environmental Science and Resource Management	Seasonal Assessment of Heavy Metals in Water, Sediment and Fish Species of Shitalakhya River, Bangladesh: A Novel Approach for Ecological and Health Risk Evaluation.	54,000/-
262	595	Moythry Manir Samia	01798727226	CoU	Information and Communication Technology	Bangla Aspect Based Multi-label Sentiment Analysis Using machine Learning and neural Network.	54,000/-
263	523	Sushmita Sarker	01713682268	PUST	Physics	Pressure effect on structural, elastic, electronic, optical and thermodynamic properties of AB <sub>2</sub> (A=Hf, Zr and B=Co, W) Laves phases: a first principles investigation.	54,000/-
264	1018	Umma Hafsa Himu	01705896278	RU	Statistics	Statistical meta-analysis to make a consensus decision about the association of PGR gene polymorphisms with multiple cancers and drug repurposing.	54,000/-
265	751	Md. Afsar Ali	01781003490	DU	Physics	Hydrothermal synthesis and characterization of CuO nanoparticle decorated α-MnO <sub>2</sub> nanomaterials for high performance energy storage applications.	54,000/-
266	12	Sumiya	01770839672	HSTU	Physics	Source Term Analysis and Assessment of Dispersion Characteristics for the TRIGA MARK-II Research Reactor under Severe Accident Condition.	54,000/-
267	53	Farhin Akter	01617885437	JnU	Geography and Environment	Flash flood of 2022 in Sylhet Division: Causes of flood and Hazard identification.	54,000/-
268	559	Md. Shanto Islam	01611396426	JU	Mathematics	Computational study of Mucus Clearance inside the oscillatory porous walls of Lung Model.	54,000/-
269	1088	S.M. Ashikul Islam	01782722848	KU	Statistics	Investigate the risk factors of pediatric diseases and their prediction using machine learning techniques.	54,000/-
270	1125	Sabi Jahan Maliba	01884045357	DU	Robotics and Mechatronics Engineering	Designing And Optimizing A Flexible manipulator With Fluidic actuation.	54,000/-
271	1215	Umme Habiba Akter	01845752982	NSTU	Applied Mathematics	Analysis of Hemodynamic Blood Flow through Stenotic Human Artery	54,000/-
272	516	Rashedul Islam Seum	01521439128	DU	Applied Mathematics	Entanglement Entropy of Black Holes.	54,000/-
273	775	Mst. Monjuara Akter	01797329329	RU	Mathematics	Application of Fuzzy nonlinear equation using fuzzy number.	54,000/-
274	1128	Joya Datta Ripa	01684371733	DU	Theoretical and computational Chemistry	Molecular docking, Quantitative Structure Activity Relationship studio of Glycogen Synthase kinase 3B, (GSK3B) inhibitors for treating Alzheimers disease caused by neuron inflammation.	54,000/-
275	7	Lata Bonik	01786640212	CoU	Mathematics	Analysis of Biomagnetic Fluid Flow and Heat Transfer with Magnetic Particles towards a Shrinking Sheet in the presence of magnetic Dipole.	54,000/-

TRR

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
276	308	Jakia Jannat Fabiha	01953575957	JU	Urban and Regional Planning	"Assessing the Impacts of Industrial Soil Pollution on Agricultural Productivity: A Case Study of Savar Pourashava".	54,000/-
277	158	Shahin Sultana	01630721691	CU	Chemistry	"Carbohydrate Derivatives: Synthesis, Anticancer, Molecular Docking and ADMET Properties for Potential Antimicrobial Agents".	54,000/-
278	603	Mafruha Kawser	01768217262	CoU	Chemistry	An Ecofriendly plant mediated green synthesis and characterization of gold nanoparticles using bamboo shoots from bambusa polymorpha and its application.	54,000/-
279	773	Most. Shamima Akter	01755221268	RU	Electrical and Electronic Engineering	Performance Analysis of Gyre Precoded CP Less DFT-Spread OFDM system for UAV Integrated Terrestrial Cellular Network.	54,000/-
280	1100	Md. Hafizul Islam	01855948686	KU	Chemistry	Catalytic Production of Liquid Hydrocarbon (Fuel) from Semisynthetic Plastic Derived from Banana and Coconut Fiber.	54,000/-
281	1129	Md. Mahmudul Hasan	01770661452	DU	Footwear Engineering	"Making an insole board by using of buffing dust."	54,000/-
282	546	Sabiha Tasnim Reevny	01766250881	JU	Statistics	Evaluation of Hardy-Weinberg Equilibrium (HWE) for SNP-genotype DNA sequencing data.	54,000/-
283	574	Irana Tabassum Ananna	01689686026	CoU	Information and Communication Technology	Fundamental Frequency Extraction from Speech Signal Using Accumulated Power Spectrum Based Weighted Autocorrelation Function.	54,000/-
284	890	Marjatul Hasna Mila	01750736634	RU	Electrical and Electronic Engineering	Development of a Hybrid System Using Waste Material for Harvesting Energy from Rain and Sun.	54,000/-
285	264	Anika Anan	01795927109	JU	Statistics	Application of Machine Learning Algorithms for Predicting Climate Conditions: A Case Study of Bangladesh.	54,000/-
286	271	Shakil Mojumdar	01794448953	DU	Applied Mathematics	Title of the Research.....Mathematical Modelling for Arsenic (Ar) removal using filtration.....	54,000/-
287	428	Samanta Alam	01799529500	PUST	Geography and Environment	An Investigation of Climate Change in North-Western Bangladesh: A Long Term Analysis of Meteorological Data.	54,000/-
288	517	Lutfun Nahar	01797873883	DU	Chemistry	Assessment of Water Quality Parameters, Studies of Organochlorine Pesticides and Analysis of Microplastics in Surface Water of Turag River, Bangladesh.	54,000/-
289	109	Sumaiya Aktar	01325729270	BU	Geology & Mining	Geomorphological Modeling of the Development of the Ganges-Brahmaputra-Meghna Delta.	54,000/-
290	149	Elmul Jamal	01636632534	CU	Applied Chemistry and Chemical Engineering	Health risk assessment and determination of toxic elements in commonly used personal care items that are purchased from local markets in Chattogram, Bangladesh.	54,000/-
291	171	Rahima Nusrat Suravi	01783721733	NSTU	Applied Mathematics	A study on "Comparative analysis to predict the future Population growth in India, Bangladesh, and Pakistan using mathematical models Exponential, Hyperboic, Logistic growth and Linear Regression model".	54,000/-
292	200	Jannatul Ferdous	01626235485	JU	Statistics	An Algorithm for Prediction Dynamic Pricing for E-commerce Based on Sparse and Noisy Data.	54,000/-
293	353	Urmi Khanom	01782894256	JnU	Chemistry	Oxidative potential determination of partially fluorinated acyclic carbonate electrolytes for Li-ion battery using DFT study.	54,000/-
294	710	Most. Halima tuj Sadia	01303511257	JU	Mathematics	Model-aided understanding the dynamics of Dengue Virus with and without vaccination using SIR, SEIR, BSEIR Model.	54,000/-
295	970	Mst. Honufa Khatun	01797411832	IU	Applied Chemistry and Chemical Engineering	Preparation and characterization of silver nano-particles incorporated polymer composite film using papaya stem fibre based cellulose acetate and a flexible polymer.	54,000/-
296	924	Md. Ismail Firoz	01786883405	RU	Geography and Environment Studies	Impact of SRTM and ASTER DEM Errors on ID-2D Coupled Hydraulic Modelling: A Comparative Study on the Stable and Erodeble River Basins of Bangladesh.	54,000/-
297	450	Lamia Binte Haque	01775844010	DU	Footwear Engineering	"Development of Bangladesh Army Boot."	54,000/-

PKR

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
298	262	Shikhon Saha	01521435705	DU	Theoretical Physics	Effects of Interionic Interaction on Thermodynamic Properties of Liquid Noble Metals.	54,000/-
299	737	Tania Akter	01725705156	DU	Geography and Environment	Assessing of Rural Market Transformation in Bangladesh: A Case Study of Karatia Union, Tangail.	54,000/-
300	972	Progga Laboni	01732768532	MBSTU	Environmental Science and Resilience Mgt	Air quality Assessment in the Coastal Tourist City of Bangladesh: A Study in Cox's Bazar.	54,000/-
301	1144	Nursat Nur Happy	01815019865	SUST	Chemistry	The Synthesis and Characterization of Thiosemicarbazide (TSC) Derivatives and their Complexation with Copper (II).	54,000/-
302	1056	Tonmay Paul	01521411301	BSMRSTU	Statistics	Robust Identification of Key Genes and Drug Target Through Statistical Learning and Machine Learning Algorithm from Genomic Data.	54,000/-
303	499	Nurunnahar Shuvra	01701077932	BU	Chemistry	Preparation of Adsorbent Chitosan; Its Modification And Application.	54,000/-
304	495	Md. Boni Amin	01722564719	BU	Chemistry	Chalcone Derivatives; Synthesis, Characterization, Antimicrobial and Computational Study.	54,000/-
305	649	Hasiba Afrose Tamanna	01986556528	JnU	Geography and Environment	Role of Social Capital in the Evacuation of Older Adults to Cyclone.	54,000/-
306	1123	Estehad Pathan	01782891887	DU	Theoretical and computational Chemistry	A computational Study of electronic and spectroscopic properties on photoresponsive peptide, N-acetyl-L-N-amine derivatives of phenylazophenylalanine (Ac-pap-NH <sub>2</sub> )	54,000/-
307	526	Md. Moniruzzaman Monir	01783197883	BRUR	Geography and Environmental Science	Analysis of Groundwater Flow, Long-Term Trends, and Prediction of Groundwater Level in Northern Bangladesh Using the Darcy Flow, Makesen and ARIMA Models.	54,000/-
308	753	Mst. Bilkis Khatun	01792560054	BSMRSTU	Applied Chemistry and Chemical Engineering	Preparation of Biodegradable Hydrogel and Application in Waste Water Treatment.	54,000/-
309	276	Natasha Tanzila Monalisa	01787008209	JU	Computer Science and Engineering	PRE-ASM: An Assistive System for Preventing Autism Meltdowns using AI and AAC.	54,000/-
310	818	Jannat Binte Jalal	01951867429	NSTU	Environmental Science and Disaster Management.	Effectiveness of Industrial Sludge in the Usage as Organic Fertilizer for Growth of Forest Tree Species by the Determination of Physicochemical Properties of Soil and Sludge and Changes in Growth Parameters.	54,000/-
311	961	Tasmin Akter Fahin	01601099260	DU	Applied Statistics	Women's Empowerment Index and Influencing Factors for Women in Bangladesh.	54,000/-
312	1074	Mst. Tanzila Akter Shaawon	01324216276	JU	Remote Sensing and GIS	Trend Analysis of Bank Erosion of the Padma-Jamuna Confluence at Shibhalaya Using Geospatial Techniques: A Case Study Based on Impact of Sustainable Livelihood.	54,000/-
313	1137	Sabrin Sultana	01747733622	JnU	Geography & Environment	Hydrological Stresses of Dhaka City: An Urban Adaptation Perspective.	54,000/-
314	143	Sahidul Islam	01987949721	DU	Leather Products Engineering	Development of Graphene Oxide based synthetic adsorbent incorporated with wastage leather fiber for the removal of dye from tannery effluents.	54,000/-
315	560	Mst. Afsana Mimi	01798449928	JnU	Physics	Synthesis and Characterization of multiferroic properties of Sm and Mn Co-doped BiFeO <sub>3</sub> .	54,000/-
316	1049	Sultana Ferdous	01874482868	CU	Environmental Science	Growth performance and Bioremediation Potential for Heavy Metal of Two Isolated Marine Algae.	54,000/-
317	492	Khadiza Akter Eme	01558976265	DU	Mathematics	Infectious disease modeling with data science and spread controlling strategies based on mathematical analysis.	54,000/-
318	433	Sawsan Tabassum	01624514556	NSTU	Statistics	Improved Stein-type Shrinkage Estimators for the High-dimensional Multivariate Normal Covariance matrix with Application to Prostate Cancer Data.	54,000/-
319	946	Babita Rani Roy	01784077954	HSTU	Mathematics	Distinct Wave Dynamical Behaviours arise in Ocean Relating Two nonlinear Evolution Equations.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
320	971	Sharmin Akter	01303177326	IU	Applied Chemistry and Chemical Engineering	Fabrication of M doped Bi <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> (M=Fe, Ni & Cu) nanocomposite and its application to remove organic dyes from industrial waste water.	54,000/-
321	739	Sumaiya Jahan	01521332427	JU	Mathematics	Investigating the working principle of the flapping motion in nature.	54,000/-
322	490	Mst. Farhana Rahman	01521257318	CoU	Information and Communication Technology	Diabetes Prediction Using Machine Learning Techniques.	54,000/-
323	623	Most. Surovi Akhter	01773647902	BRUR	Physics	Pressure dependent structural, electronic, elastic and optical properties of CsSnBr <sub>3</sub> perovskite in comparison with CsSnI <sub>3</sub> and CsSnCl <sub>3</sub> .	54,000/-
324	275	Mst. Rezwana Akter Juhi	01732048659	BSMRSTU	Applied Chemistry and Chemical Engineering	Preparation of biodegradable hydrogel and its application in agricultural field.	54,000/-
325	1122	Md. Rimu Mia	01923332882	KU	Urban and Rural Planning	"Deforestation Detection and Change Modelling Using Novel Deep Learning Methods: A Case Study on Sundarbans."	54,000/-
326	1207	Jannatul Ferdous	01810059096	DU	Geography and Environment	Analyzing impacts of indigenous knowledge on disaster preparedness at the household and community level in Saluakandi in Manikgom District	54,000/-
327	976	Md. Akter Hosen	01516783884	DU	Applied Statistics	A Dynamic Stopping Criterion for Seamless Phase I/II Clinical Trials.	54,000/-
328	456	Abdullah Al Mamun	01677994921	CU	Mathematics	Mathematical Analysis of Epidemiological Pattern of the SARS-CoV-2 Disease Transmission Dynamics: A Case Study of Bangladesh	54,000/-
329	600	Mohammad Nurul Allam	01538265699	CU	Statistics	Chronic Kidney Disease Prediction With the application of Generalized Linear Model and Machine Learning.	54,000/-
330	411	Jerin Saima	01856206656	NSTU	Oceanography	Evaluation of heavy metal concentration in benthos and sediments of the Meghna River estuary.	54,000/-
331	1105	Tanin Ahmed	01627891115	KUET	Computer Science and Engineering	Dehumanization Detection from Social Media Bangla Text.	54,000/-
332	656	Rafeya Khatun	01705586877	JUST	Environmental Science and Technology	Evaluating the Sustainability of Jessore Municipality based on the Provision of Public Facilities and Medical Waste Management.	54,000/-
333	127	Razuana Norin	01580116978	DU	Mathematics	Dynamics of Hepatitis-B Virus Model with the Time Delay Effects Incorporating Immune Responses with Awareness and Vaccination.	54,000/-
334	1107	Md. Golam Muktaadir	01777885351	MBSTU	Physics	Role of laser incident angle on laser-driven proton acceleration.	54,000/-
335	926	Ruhun Nahar Kakon	01967849269	DU	Geology	Assessment of Heavy Metals Contamination in Investe bnates from the Cox's Bazar Coast Bay of Bengal.	54,000/-
336	893	Md. Waliullah Shaikh	01948151826	KUET	Chemistry	Synthesis of Bis-chalcone Based Pyrimidine-thiol Derivatives: Experimental and Computational Study.	54,000/-
337	950	Md. Alamin Talukder	01608891643	JnU	Computer Science and Engineering	Brain Tumor Classification using Reconstruction and Fine-Tuning: An Ensemble Deep Learning-based Approach.	54,000/-
338	123	Afsana Mimi	01679301281	JU	Urban Regional Planning	Analyzing the Water Quality of Turag River and Its Suitability for Different Uses.	54,000/-
339	674	Md. Meheddi Hasan	01732279603	DU	Mathematics	A Comparative study on stochastic optimization for aircraft allocation problem with simple recourse for satisfying uncertain passenger demand.	54,000/-
340	477	Elihus Hossain	01946303068	CoU	Physics	"To Synthesize ZnO nanorod (core)-ZnS (shell) for different Photoelectrochemical studies (e.g., Solar Cell, Photocatalytic degradation, Photoelectrochemical water splitting, gas-sensor, etc.)"	54,000/-
341	280	Fatema Rezwana Epty	01911837387	JU	Environmental Sciences	Environmental Radioactivity and Heavy Metal Assessment in Soil and possible Transfer to the Food Chain in an Industrial Area in the Southern part of Dhaka City in Bangladesh.	54,000/-
342	71	Sofikul Islam	01707671110	BSMRSTU	Statistics	The Impact of Banking Sector Development on Economic Growth in Bangladesh.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
343	178	Md. Tanjin Ahmed	01521493159	DU	Leather Products Engineering	"Studies on the Effect of Tannin Content on the Physical Properties to Produce Eco-Friendly Garments Leather".	54,000/-
344	743	Fariha Israr Khan	01781093091	JU	Environmental Sciences	Water quality, heavy metal pollution and DOM dynamics in the water and soil of Tanguar Haor Basin, Bangladesh.	54,000/-
345	515	Jenia Fardousi Koly	01925448343	DU	Applied Mathematics	Evolution of Einstein's Universe in Mathematical Cosmology and Relative Study of Cosmological Models.	54,000/-
346	522	Halida Akter	01733017158	BRUR	Mathematics	A Study on Investigate the Exact Solutions of nonlinear Evolution Equations (NLEEs) in mathematical Physics.	54,000/-
347	968	Md Fahimuzzaman	01751867185	MBSTU	Textile Engineering	Extraction and process optimization of functional cellulose nanocrystal from jute fibres by oxidation method.	54,000/-
348	278	Inkiad Anik	019553968082	JU	Environmental Sciences	Biohydrogen production using Thermally Pretreated Kitchen Waste by Fermentation.	54,000/-
349	1145	Md. Abu Saleh	01684616673	SUST	Chemistry	Synthesis, morphology and thermal properties of Polypyrrole (Ppy)-ZrO <sub>2</sub> -TiO <sub>2</sub> composites: Application as photocatalyst for organic pollutant removal from waste water.	54,000/-
350	606	Farjana Akter	01864191945	CoU	Chemistry	Design and Synthesis of nanocomposite Material for Effluent treatment Plant (ETP): A Case Study on Comilla Export Processing Zone (EPZ).	54,000/-
351	598	Ayesha Akter	01883137556	CU	Statistics	Impact of Export of Some Agricultural Products on Economic Growth of Bangladesh.	54,000/-
352	470	Tabassum Nishat	01993030956	RU	Applied Chemistry and Chemical Engineering	Effects of quaternary salts on the electrodeposition of PbO <sub>2</sub> on Copper substrate for light weight lead-acid battery application.	54,000/-
353	1204	Fahmida Sultana	01937520925	DU	Chemistry	Phytoconstituents and Bioactivities of <i>Micromelum Minitum</i>	54,000/-
354	75	Afro Shirin Lova	01817707590	MBSTU	Physics	Investigation of Structural And Magnetic Properties of Nano Ferrites MFe <sub>2</sub> O <sub>4</sub> (M=Co, Ni, Zn) for Biomedical Applications.	54,000/-
355	539	Mst. Noshin Sermily	01716284409	JU	Mathematics	Dynamical Analysis and Numerical Simulation of Stochastic Predator-prey Model with Multiplicative allee Effect.	54,000/-
356	726	Yousuf Shaarif Shanto	01521436522	DU	Geography and Environment	Assessment of the Socio-Economic and Health Conditions of Female and Child Brick Kiln Labors at Konabari, Gazipur: A comparative Study on Pre-Pandemic and Post-Pandemic Periods.	54,000/-
357	1017	Md. Saif Hasan	01926189929	RU	Applied Chemistry and Chemical Engineering	Preparation and characterization of activated carbons synthesized from (i) rice husk and (ii) coconut husk adsorption equilibrium study of Zn <sup>2+</sup> by the prepared activated carbons.	54,000/-
358	796	Mohammad Badrudduja	01855121298	CU	Applied Chemistry and Chemical Engineering	A Study on Phenolic content and Flavonoids and Antioxidants in three varieties of guavas found in Bangladesh.	54,000/-
359	464	Nibedita Rani Kundu	01767185420	RU	Statistics	Effectiveness of health warning labels in reducing/quitting tobacco smoking in Bangladesh.	54,000/-
360	1159	Sajib Sarker Imon	01776034959	DU	Leather Engineering	"Green Synthesis of MgO nanoparticles using Lemon Peel for Adsorption of Dyes from Tannery Wastewater."	54,000/-
361	576	Fatima Tabassum Meem	01918876050	JU	Remote Sensing and GIS	Identification of flash flood risk zone and flood damage assessment using Geospatial Technologies: A Case study on Sunamganj District.	54,000/-
362	95	Md. Shahabul Hossen	01722914908	MBS TU	Textile Engineering	Activated Carbon Fiber from Jute Fiber.	54,000/-
363	1097	Al Akramullazi	01762971853	RU	Chemistry	Nano Schiff Base-Metal Complexes: Synthesis, Characterization and Anti-Breast Cancer Activities.	54,000/-
364	1039	Lubna Jaham Sarkar Hany	01679002407	MBSTU	Chemistry	Synthesis of Super Hydrogel from Phenolated Lignin.	54,000/-

KR

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
365	233	Md. Innul Kayes	01626131143	JU	Physics	Synthesis and characterization of zinc oxide (ZnO) nanoparticle via hydrothermal method.	54,000/-
366	1108	Sufia Akter	01404802722	MBSTU	Environmental Science and Resource Management	A Geospatial Approach For Identifying the Impact of Tourism Pressure on LULC and LST in Cox's Bazar District.	54,000/-
367	78	Taslima Islam	01779079461	IU	Electrical and Electronic Engineering	"The in-silico investigation of phytochemical properties of Aloe Vera leaves for inhibition of liver cancer: Molecular Dynamics and Quantum calculations".	54,000/-
368	330	Nishat Ferdous Anika	01536192347	DU	Oceanography	The Mike Model Application to Overlapping Risk Assessment of Polder in Sandwip, Chandpur.	54,000/-
369	88	Rezuana Khatun	01755881703	KU	Environmental Science	Assessment of food safety knowledge and practice among the street food vendors in Chundanga Town, Bangladesh.	54,000/-
370	503	Mayesha Sharmim Tisha	01521303848	DU	Mathematics	Global Analysis of Multi-Species Spatially Distributed Competition Models for Heterogeneous Populations.	54,000/-
371	672	Barsha Saha	01741127534	DU	Mathematics	Asymptotic behavior of Covid-19 pandemic based on stochastic perturbation modeling.	54,000/-
372	1011	Shabista Yildiz	01768843157	DU	Meteorology	Assessing Future Meteorological Drought frequency of Bangladesh using CMIP6 projections.	54,000/-
373	124	Md. Shahoriar Sarker	01728948776	DU	Disaster Science & Climate Resilience	Land Subsidence Monitoring using InSAR Technique in the Southwestern Region of Bangladesh.	54,000/-
374	408	Shourav Kumar Ghose	01762011183	IU	Mathematics	A Study on impact of climate change and its assessment of extreme cyclones along the coast of Bangladesh.	54,000/-
375	1170	Lamiya Afroze Shatu	01758565150	MBSTU	Statistics	Time series analysis and forecasting of monthly Temperature, Rainfall and Humidity of some selected stations of Bangladesh: An application of SARIMA Model	54,000/-
376	1099	Poly Rani Biswas	01533005898	KU	Statistics	Association between birth weight and nutritional status among under-five children in South Asian countries: An analysis from Demographic and Health Surveys data.	54,000/-
377	1209	Fatema Tuz Zuhora	01724462139	CoU	Chemistry	Fabrication of nanostructured ZnO thin films with controlled surface properties by modified SILAR method for optoelectronic device application	54,000/-
378	122	Mahafuga Akter	01886326717	DU	Applied Chemistry and Chemical Engineering	Integrated Removal of Carbon Dioxide (CO <sub>2</sub> ) & Hydrogen Sulfide (H <sub>2</sub> S) from Biogas by Blending Amine Absorbents.	54,000/-
379	191	Md. Mahamudul Hassan Khan	01714339532	BUET	Chemistry	Uptake and mobilization trends of heavy metals in various fishes grown in contaminated water bodies and sediment.	54,000/-
380	212	Nasima Akter	01937104812	DU	Electrical and Electronic Engineering	Study & development of a system for automatic detection of mental health by anxiety, disorder & depression and learning disabilities of school students.	54,000/-
381	806	Israt Jahan Ria	01553309344	DU	Geography and Environment	Study of Water Quality and Sediment Accumulation in Kaptai Lake of Rangamati District, Bangladesh.	54,000/-
382	405	Mongsathowai Marna	01521438250	DU	Leather Engineering	"Recovery and Reuse of Chromium from Tannery Waste Chrome-liquor using Solar Evaporation Process."	54,000/-
383	609	Shatabdi Shamrita Ume	01620840732	JnU	Statistics	Bayesian frailty modeling of correlated survival data with application to first antenatal care initiation among pregnant women in Bangladesh.	54,000/-
384	615	Shoheli Ferdous	01786893847	RU	Materials Science and Engineering	Sustainable Processing and Utilization of Ag-Fish Scale Nano-Feed Additive in Antibiotic-Free Broiler Production.	54,000/-
385	509	Md. Abdul Momin	01818110252	RU	Physics	Structural, elastic, electronic, thermal and optical properties of ACu <sub>3</sub> (A=Ga, In): an <i>ab-initio</i> study.	54,000/-

DBB

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
386	139	Prashanta Talukder	01921979787	DU	Leather Products Engineering	Alleviation of pollution load of tannery effluent using composite of egg shell and Bijoypur clay.	54,000/-
387	485	Sanjida Hossain	01739988170	BU	Chemistry	Preparation and Characterization of Banana Stem and Banana Pseudo Stem; Their Modification and Application.	54,000/-
388	239	Arsha Alavee Aziz	01989524525	DU	Theoretical Physics	An Effective Theory of Anomalous Momentum Diffusion from Holography for SU(2).	54,000/-
389	245	Md. Khairul Alam	01682401692	JnU	Geography and Environment	Impact of urbanization on urban heat island effect in major cities of Bangladesh: A remote sensing-based estimate.	54,000/-
390	725	H. Rainak Khan Real	01798427135	DU	Geography and Environment	Assessing Soil Erosion and Agricultural Sustainability using GIS and Remote Sensing in Sujanagar Upazila of Pabna District in Bangladesh from 1988 to 2022.	54,000/-
391	998	Zarin Tanzim	01850925671	NSTU	Information and Communication Engineering	Prediction of risk level of maternal and fetus health during pregnancy in the context of Feni district using Artificial Intelligence and Neural Network.	54,000/-
392	221	Afroza Sultana	01777343784	JU	Statistics	Predicting Cholera Outbreak in Bangladesh using Machine Learning Algorithm and Time Series Analysis.	54,000/-
393	1070	Md. Asadujjaman	01752139801	RU	Statistics	Development Parameters and the Boro Farmers' Satisfaction in the Last Decade: A Case Study of Raishahi Division.	54,000/-
394	966	Halima Khatun	01722929479	KUET	Physics	Study of Step annealing effects on structural kinetics and dynamic magnetic properties of Co <sub>72</sub> Fe <sub>8</sub> B <sub>10</sub> Si <sub>10</sub> metallic glass ribbon.	54,000/-
395	1155	Md. Abdul Malek	01793200444	DU	Leather Engineering	"Salt minimized curing of goat skin by using Mahogany Leaf."	54,000/-
396	851	Ibrahim Munshu	01762134341	RU	Applied Mathematics	A Study on Bright-Dark Solitons Interaction.	54,000/-
397	872	Farjana Taberin Nishi	01625632006	BUET	Chemistry	Study of Metal Ion Buffering in Complexometric Titrations.	54,000/-
398	201	Shahnaj Alam	01765593973	JU	Statistics	Oil Price Hike and Its Impact on Consumers, Livelihood in Bangladesh: A Case Study on Low-Income People of Savar Area.	54,000/-
399	176	Asif Bin Alam Seum	01521317696	SUST	Geography and Environment	Geospatial Evaluation of contaminants associated with the health risk of water from Surma basin.	54,000/-
400	1103	Ihtesham Ibn Malek	01777252225	BUET	Electrical and Electronic Engineering	Electronic transport properties of hybrid monolayer 2D materials.	54,000/-
401	1093	Priyanka Saha	01759177263	SUST	Civil and Environmental Engineering	Application of Activated and Modified Carbon from Pseudo-Steam fibers of Banana Tree for removing salinity from water.	54,000/-
402	406	Md. Mynul Islam	01795717464	DU	Footwear Engineering	"Extraction of cellulose from renewable resources and its application in finishing of upper leather."	54,000/-
403	1156	Md. Tarikul Islam	01764940903	IU	Applied Chemistry and Chemical Engineering	Synthesis and Characterization of TiO <sub>2</sub> NPs using silk sericin and their photocatalytic activities.	54,000/-
404	952	Md. Abdul Muttalib Moon	01921001281	HSTU	Electronics and Communication Engineering	Chicken Disease Identification by Image Processing using Microcontroller Embedded System.	54,000/-
405	281	Hamida Akter	01720939053	JU	Environmental Sciences	Environmental Radioactivity and Heavy Metal Assessment in Soil and Vegetable Samples at a Heavy Industrial Zone, Narayanganj, Bangladesh.	54,000/-
406	177	Abdullah Al Mouin	01787998989	RU	Chemistry	Synthesis and Drug Delivery Behavior of Amphiphilic Poly(caprolactone)-b-Poly (methyl ether methacrylate) block copolymer.	54,000/-
407	185	Md. Mahmudul Hasan	01308555787	DU	Footwear Engineering	"Removal of anionic leather dye from wastewater by organic acid-modified natural adsorbent: Kinetics, Thermodynamics and Practical application."	54,000/-
408	735	Anika Haider	01752316022	DU	Chemistry	Assessment of Surface Water Quality by Physicochemical Properties, Heavy Metals and Microplastic Pollution: A Study of the Meghna River.	54,000/-

ABR

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
409	1023	Tasnova Binta Nihal	01787961143	RU	Geology and Mining	Morphostructural analysis Using High-Resolution Imagery and DEM data of Eastern Folded Belt, Bengal Basin, Bangladesh.	54,000/-
410	236	Maisha Muntaha	01961490887	JnU	Computer Science and Engineering	A Nobel flow control mechanism to increase throughput in SDN based paradigm.	54,000/-
411	688	Adiba Masud	01771182305	JU	Information Technology	Machine Learning Model for Predicting ADHD Children's Behavioral Activity in Perspective of Bangladesh.	54,000/-
412	246	Tanjila Akter	01942521008	JnU	Geography and Environment	Assessment of LULC Change and Its Impact on Land Surface Temperature (LST): A Spatio-Temporal Study of Major Cities in Bangladesh.	54,000/-
413	630	Labony Karmokar	01795267411	JU	Information and Communication Technology	Climate Change Prediction in Bangladesh using Machine Learning.	54,000/-
414	631	Shubra Tanchangya	01931093297	JU	Information Technology	Enhancing Security and Privacy of Data Using Symmetric-key Cryptography.	54,000/-
415	581	Shihab Ahmed	01772432557	CoU	Information and Communication Technology	Implementation of a Secure AODV Routing Protocol.	54,000/-
416	520	Mohammed Kias	01571771484	CU	Forestry	Study of Erosion and Landslide in the Hills of Metropolitan Area of Chattogram.	54,000/-
417	156	Selina Akhter Laizu	01930582328	CU	Environmental Science	Growth performance and bioremediation for heavy metal by isolated fresh water microalgae.	54,000/-
418	643	Naser Mustafa Al Rumi	01521432989	KU	Environmental Science	Heavy Metal Contamination in Soil and Rice Grains in Khulna, Bangladesh: A Study to Highlight Probable Health Risks.	54,000/-
419	274	Sazzal Mahmud	01784204983	BSMRSTU	Applied Chemistry and Chemical Engineering	Cellulose/Mxene Nanocomposite for Dye Removal Application.	54,000/-
420	1208	Shanjita Jaman Anny	01952331764	KU	Physics	Zincium/Carbon nanotubes composite (Zr/CNT) with enhanced photocatalytic activity for water pollution control application.	54,000/-
421	717	Md. Pras Khan	01701016411	JnU	Computer Science and Engineering	Design and Development of a High Performance Ultra-Wideband (UWB) antenna for Sixth Generation (6G) wireless applications.	54,000/-
422	197	Aziza Afrin	01675446954	JU	Statistics	Change-Point Detection of COVID-19 Pandemic Curve in Bangladesh.	54,000/-
423	288	Mustafizur Rahman	01704488507	DU	Applied Mathematics	Mathematical Modelling of Filtration: Removal of Arsenic (As) from drinking water.	54,000/-
424	1165	Md. Naimul Pathan	01601713099	JnU	Computer Science and Engineering	A Reinforcement learning Algorithm based Energy Efficient TCP Congestion Mminimization for SDN based Datacenter Network.	54,000/-
425	1052	Maksuda Haider Sayma	01788404613	CoU	Information and Communication Technology	Bangladeshi Plant Identification Using Convolutional Neural Network Based on Leaf, Fruit and Flower Images.	54,000/-
426	1221	Dola Saha	01791572882	DU	Oceanography	Identification and Seasonal Variation of Shadow Zone for Underwater Operation in Bay of Bengal	54,000/-
427	1186	Aprana Das	01750467327	JU	Computer Science and Engineering	Image-based Lung Cancer Detection using Machine Learning Techniques	54,000/-
428	1109	Md. Wahidur Rahman	01779208267	MBSTU	Computer Science and Engineering	Freshwater Fish Disease Identification and Classification using the Basic Principles of Artificial Intelligent (AI) and Machine Learning (ML) in Bangladesh.	54,000/-
429	1195	Aysha Siddika Asha	01799363826	DU	Geography and Environment	Riverbank Induced Migration and its impact on health and healthcare access of migrants in Saliabakpur and Chakhar Union of Barisal District of Bangladesh	54,000/-
430	1118	Tabita Jannatul	01521446916	DU	Statistics	An Econometric Analysis to investigate the impact of Economic and Socio-demographic indicators on Maternal Mortality Ratio in Bangladesh.	54,000/-
431	1055	Probir Chandra Das	01887874680	DU	Footwear Engineering	Utilization of Discarded sheep wool as potential fibrous materials in the production of sustainable composites.	54,000/-
432	243	Tajbin Islam	01997018255	DU	Theoretical Physics	DFT Study on structural, magnetic, optical, electronic and elastic properties of pure and Co <sub>3</sub> Ni <sub>3</sub> Pt <sub>3</sub> Pd doped SrFeO <sub>3</sub> perovskite material.	54,000/-

RB

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
433	962	Tanjim Taharat Aarfa	01755728141	JU	Computer Science and Engineering	Multiple Tags Recommendations for Progressive Guidance using Autoregressive Transformer Architecture.	54,000/-
434	64	Zinia Anzum Tonni	01718434890	JU	Information Technology	Potentially malicious node detection in IoT using ensemble learning and bio-inspired optimization.	54,000/-
435	535	Gayatri Rami Sarker	01957397305	JU	Mathematics	An effective Approach to Control Inventory System of a Manufacturing Company under uncertainty.	54,000/-
436	1083	Susmita Paul	01986850328	RUET	Computer Science and Engineering	Machine learning methodologies in early prediction of chronic kidney disease (CKD) Evolution.	54,000/-
437	1117	Nosrat Jahan Mim	01515298261	DU	Statistics	Model Selection for Generalized Additive Models Using Graphical Techniques.	54,000/-
438	102	Ripa Akter	01753329931	CU	Information and Communication Technology	Sentiment Analysis to classify Amazon kindle store reviews using Supervised Learning Algorithms.	54,000/-
439	269	Rayhana Akter	01744103566	JU	Environmental Sciences	Assessment of WASH, food security and climate adaptation in the riverine char islands of Gaibandha, Bangladesh.	54,000/-
440	108	Md. Imran	01782046108	DU	Mathematics	Fuzzy Relations and its Applications in Business sector of Bangladesh.	54,000/-
441	466	Mitu Khatun	01704514020	RU	Applied Chemistry and Chemical Engineering	Fabrication of polymeric biocomposites and its properties development.	54,000/-
442	36	Humayra Gazi	01881268900	DU	Applied Chemistry and Chemical Engineering	Fabrication and characterization of Fe doped ZnO nanoparticles and their application in photodegrading pharmaceutical wastes in aqueous media.	54,000/-
443	471	Rasel Mahmud	01918591911	RU	Applied Chemistry and Chemical Engineering	The effect of additives on electrodeposition of lead dioxide on graphite felt for the application of lightweight lead-acid battery positive electrode.	54,000/-
444	540	Nusrat Sultana	01992927637	JU	Computer Science and Engineering	Machine Vision-Based Leaf-Disease Recognition of Multiple Crops.	54,000/-
445	62	Ripa Das	01704737620	KU	Environmental Science	Quality assessment of traditional and treated harvested rain water: a case study from South West coastal Bangladesh.	54,000/-
446	195	Md. Ziaul Alam	01521420443	JU	Statistics	Ensemble Approach to Predict Early-Stage Diabetes Risk-An Empirical Study from Bangladesh.	54,000/-
447	1051	Tamisra Nath Tanni	01755150101	NSTU	Oceanography	Heavy Minerals Prospects of Damar Char Beach Sediments, Noakhali Coast, Bangladesh.	54,000/-
448	932	Md. Shariful Islam	01790819724	RU	Physics	Structure of xNa <sub>2</sub> O(1-x)SiO <sub>2</sub> glass-an infrared study.	54,000/-
449	605	Md. Nazmul Haque	01642153694	CoU	Mathematics	"Stabilized Lowest-Equal Order Finite Element Methods for the Dual-Permeability-Stokes Fluid Flow Model."	54,000/-
450	628	SK Taufiqul Islam	01828853708	SUST	Geography and Environment	Vulnerability Prediction using machine learning Techniques in Southwest Coastal Zones of Bangladesh.	54,000/-
451	542	Mst. Habiba Khatun	01531181889	DU	Chemistry	Determination of Organochlorine Pesticides, Heavy Metals and Microplastics Pollution in Sediment of the Meghna River.	54,000/-
452	644	Sabrina Islam Labonno	01727152332	KU	Environmental Science	Heavy Metal accumulation in <i>Heritiera fomes</i> in the sundarbans, Bangladesh.	54,000/-
453	798	Khurram Murad Mojidee	01935143451	CU	Applied Chemistry and Chemical Engineering	Comparison of total antioxidant activity between fresh and commercial Orange juices available in Bangladesh.	54,000/-
454	135	Md. Sabbir Hossain	01749852400	DU	Applied Statistics	Comparison of Multiple Imputation Methods for Covariate Missingness in Survival data.	54,000/-
455	948	Roksana Akter Ritu	01777103567	RU	Statistics	Modeling on factors influencing anthropometric failure of under-five Bengali children living in Bangladesh and India: A comparative Study.	54,000/-
456	572	Md. Ruhul Amin	01711997966	CoU	Mathematics	Analysis of Biomedical Images using Matrix Factorization Techniques.	54,000/-

MSB

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
457	227	Bishwa Nath Roy	01773623691	JU	Physics	Experimental characterization of nanocrystalline niobium-doped cobalt-zinc ferrites.	54,000/-
458	38	Md. Hanif Munshi	01764804782	BSMRSTU	Applied Chemistry and Chemical Engineering	Facile Fabrication and Characterization of MXene Dispersed Alginate Films for the Potential UV Shielding Application.	54,000/-
459	260	Md. Helal Ahmmed	01735454094	BUET	Water Resources Development	Performance evaluation of the existing Managed Aquifer Recharge (MAR) Systems in Southwestern Coastal Bangladesh as drinking and irrigation water supply solution.	54,000/-
460	1041	Easmat Ara Afrin	01839153159	CU	Environmental Sciences	Assessment of hydrological extreme due to Climate Change and Climate Engineering to the coastal areas of Bangladesh.	54,000/-
461	198	Arafahujjahara Suma	01830720485	JU	Statistics	Evaluating Forecast for Damped Trend Modeling.	54,000/-
462	347	Humayra Ibnat Anan	01743856403	CoU	Statistics	Energy Consumption in South Asian Countries (Bangladesh, India, Pakistan): A Disaggregated Time Series and Panel Data Analysis.	54,000/-
463	512	Most. Nusrat Jahan	01714478989	RU	Chemistry	Preparation of Stimuli Responsive Polymer Coated Iron Oxide Nanocomposite Particles for Biomedical Application.	54,000/-
464	791	Fatima Ahmed Mounota	01929199659	DU	Mathematics	A Study on data clustering algorithms based on minimum spanning tree.	54,000/-
465	128	Esrat Nur	01556450306	DU	Mathematics	Generalisation of Lorenz Type Systems and The Application of Lorenz System in Weather Forecasting.	54,000/-
466	1034	Md. Emran Hossain	01795850003	RU	Statistics	Socio-economic Condition and Participation in Online Classes of Rajshahi University Students during the COVID-19 Pandemic.	54,000/-
467	629	Farah Binta Anis Urbi	01791817853	RU	Materials Science and Engineering	Electronic, optical, and various unrevealed physical properties of ferromagnetic $MVO_3$ (M=Ca, Mg) orthorhombic crystal: DFT insights.	54,000/-
468	888	Md. Rajjul Islam	01783032354	HSTU	Electronics and Communication Engineering	Optimizing Dominant Pruning Algorithm for Broadcasting in Wireless Mobile Ad Hoc Networks using Three Hop Neighbor Information.	54,000/-
469	80	Tahmin Tasfia Promi	01783218877	RU	Information and Communication Engineering	Diabetes Detection and Classification Using Machine Learning Approach.	54,000/-
470	126	Samiha Saleha	01521433978	DU	Disaster Science & Climate Resilience	Modeling Change of Poverty due to Sylhet Flood 2022 in Gowaingat & Sylhet Sadar Upazila Using Income & Expenditure Data.	54,000/-
471	784	Badhon Ali Khan	01309819256	DU	Chemistry	Antibiotic Resistivity of Bioaerosol Associated Particulate Matter and Efficiency of Air Purification in the Residential Areas of Dhaka, Bangladesh.	54,000/-
472	803	Tahmid Nowsher	01632374578	DU	Mathematics	Numerical Studies of a system of nonlinear PDEs with applications.	54,000/-
473	51	Rupna Akther Putul	01820889610	DU	Applied Chemistry and Chemical Engineering	Fabrication and characterization of B doped CuO/ZnO nanocomposite ..... and its application in the photodegradation of toxic textile dye.	54,000/-
474	958	Md. Shadhin Ahmmed	01521490728	JnU	Statistics	Forecasting remittances in Bangladesh using time series model and comparing different ARIMA model.	54,000/-
475	361	Taslina Akter Sathe	01787708981	JU	Environmental Sciences	Spatio-temporal analysis of LULC dynamics and its potential indication on Land surface temperature in Savar Upazilla, Dhaka.	54,000/-
476	324	Saif Khan Sunny	01772511666	BSMRMU	Oceanography and Hydrography	Quality assessment of marine pollution indicators and human health risk at the eastern coastal area of Bangladesh, North-Eastern Bay of Bengal.	54,000/-
477	1157	Nasirullah	01534103772	DU	Theoretical and Computational Chemistry	A computational Study of Novel Dipeptidyl Peptidase-4 Inhibitors as Potential Therapeutics for the management of type 2 Diabetes mellitus.	54,000/-
478	72	Monjurul Islam	01568969124	DU	Leather Engineering	Development of light weight bricks by using synthesized expanding agent from waste materials.	54,000/-
479	146	Rowshon Benthin Hossain	01629842034	NSTU	Environmental Science and Disaster Management.	Extraction and characterization of Soil Dissolved Organic matter (DOM) with Different Extractants.	54,000/-

RBK

Merit Sl. No.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
480	199	Md. Abu Sayeed	01521413971	JU	Statistics	Child Mortality Prediction and Interpretation with SVMs.	54,000/-
481	291	Md. Imran Hossain	01799690580	JnU	Geography and Environment	Assessment of water insecurity in urban slums of Dhaka city.	54,000/-
482	587	Mohammad Shafiqul Alam	01856723244	DU	Nuclear Engineering	A Study on mapping the distribution of natural and artificial radionuclides in the environmental samples of St. Martin's Island and evaluation the associated radiological hazard parameters.	54,000/-
483	723	Mahapara Ahsan	01720846601	DU	Geography and Environment	Application of Geo-Chemical Properties and Micro-Fossil Evidences to Reconstruct the Geomorphological Evolution and Wetland Ecological Changes of Chalan Beel in Bangladesh.	54,000/-
484	752	Saifullah Sayed	01521512221	BUET	Water Resources Development	Assessing Local Thresholds for Indices Based Accurate Water Mapping on Sentinel-2 Satellite Imageries over Bangladesh.	54,000/-
485	757	Adiba Mosharraf	01515209692	BSSMRMU	Oceanography and Hydrography	Phytochemical Screening, Mineral and Biological Activity Analysis of Locally Available and Cultured Seaweed in the Saint martin Island of the Bay of Bengal.	54,000/-
486	763	Nazia Noshin	01703881161	MBSTU	Environmental Science and Resource Management	Deposition of micro plastic in terrestrial soil of urban and peri-urban area of Tangail porosova.	54,000/-
487	813	Tahmina Akter Anika	01752901112	JU	Statistics	Comparison among Deep Learning Architectures for Time Series Forecasting: A Study of Forecasting Financial Data.	54,000/-
488	538	Md Rashedul Islam	01889847969	JU	Mathematics	Spatiotemporal Analysis of Angiogenesis and Vasculogenesis in Tumor Vasculature.	54,000/-
489	404	Drupada Roy	01797785854	DU	Nuclear Engineering	Comparative Thermal-Hydraulic Characteristics Analysis for Sub-channel of VVER-1200 Generation III+ Pressurized Water Reactor using ANSYS and Open Source CFD Software Open Foam.	54,000/-
490	374	Maksuda Akter	01715346288	JnU	Computer Science and Engineering	A Hybrid Deep Learning framework for Skin Cancer Detection.	54,000/-
491	969	Most. Miftahul Jannat	01704795843	IU	Applied Chemistry and Chemical Engineering	Green Synthesis of silver nanoparticles from leaf extracts of Capsicum frutescense and evaluation of its various applications.	54,000/-
492	474	Md. Gulam Mustafa	01686838627	CoU	Physics	Structural, multiferroic and transport properties of low temperature sintered $x\text{Ni}_{0.2}\text{Zn}_{0.58}\text{Cu}_{0.18}\text{Fe}_2\text{O}_4-(1-x)\text{Bi}_{0.9}\text{Nd}_{0.1}\text{Fe}_{0.95}\text{Sc}_{0.05}\text{O}_3$ multiferroic composites.	54,000/-
493	670	Sraboni Ghosh Joya	01734909335	JU	Information Technology	A machine-learning based approach for predicting election results using social media and print media data.	54,000/-
494	1010	Nafisa Tabassum	01753879361	RU	Geology and Mining	Mineralogy and Diagenetic Control on Chemical Composition of Padma River Sediments: Implication for Provenance Reconstructions.	54,000/-
495	211	Krittika Das	01743311300	DU	Statistics	Comparison of Deep Learning Approaches and ARIMA Models for Prediction of Dengue Fever in Bangladesh.	54,000/-
496	901	Sadia Jahan	01609833273	MBSTU	Statistics	Determinants of Caesarean Section in Bangladesh: Evidence from BDHS 2017-18 Data.	54,000/-
497	234	Fatema Najrin	01882540189	JU	Physics	"To Investigate the Doping Effect on Different Phases of CZTS Material using Density Functional Theory."	54,000/-
498	247	Md. Raihan Mahamud	01771442552	BUET	Information and Communication Engineering	Machine Learning Based Disease Diagnosis, Medicine Prediction and Doctor Recommendation.	54,000/-
499	488	Manisha Ahamad	01786142171	BUET	Physics	Design and optimization of stable, non-toxic and more efficient Tin-based organic perovskite solar cell.	54,000/-
500	1021	Md. Jamal Howlader	01650079893	BUET	Chemistry	Acceptorless dehydrogenative synthesis of imines from alcohols and amines using niobium (v) oxide supported nickel as heterogeneous catalyst.	54,000/-
501	54	Shakil Shahriar Efty	01876038340	DU	Applied Chemistry and Chemical Engineering	Performance Evaluation of Composite PES-PVP/SA Membranes for Wastewater Treatment Using MBR.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
502	98	Md. Meheddi Hasan	01521418409	DU	Theoretical Physics	A DFT study of the structural, electronic, elastic and optical properties of GdCoO <sub>3</sub> doped with Fe, Ni, Mb, and Sr.	54,000/-
503	326	Nigar Sultana	01996326688	JU	Mathematics	ERP Neural Network Inventory Control for Small Enterprise under Different Circumstances.	54,000/-
504	692	Mohy Menuil Islam	01521445634	DU	Chemistry	Development of Capacitive Deionization Electrodes Based on Polyaniline and N-doped Carbon Derived from Waste Leather for Wastewater Treatment.	54,000/-
505	772	Md. Shamiul Alim Munna	01791895156	RU	Chemistry	Synthesis of Luminescent Lanthanides containing Iron Oxide Nanoparticle for Treatment of Cancer by Magnetic Hyperthermia.	54,000/-
506	802	Habiba Rahman	01644327276	DU	Mathematics	Potential Changes to the Water Balance of the Meghna River Basin Due to Climate Change.	54,000/-
507	1203	Sumaya Jahan Sweety	01738434372	JU	Mathematics	Modelling and Bifurcation analysis of predator-prey models with different functional responses.	54,000/-
508	508	Md. Al Amin Hossain	01943497686	JUST	Chemistry	Effects of Additives (salts/alcohols) and temperature on the aggregation behavior, micellar parameters and energetics of the solution of antibiotics with surfactants.	54,000/-
509	403	Abdullah Al Mamun	01521483685	CU	Physics	Design and Analysis of Terahertz Wave Electromagnetic Absorber for Solar Efficiency Enhancement.	54,000/-
510	1150	Md. Shohel Rana	01405945979	JU	Information and Communication Technology	Covert Communication in Programmable Wireless Environment using Intelligent Reflecting Surface.	54,000/-
511	999	Sushen Chandra Devsharma	01768888046	BRUR	Chemistry	Synthesis, characterization, and properties of nano Magnesium-Copper ferrite and its modified system for humidity sensing.	54,000/-
512	781	Pankaj Kanti Jodder	01756389934	KU	Urban and Rural Planning	"A GIS Based Multi Criteria Approach for Urban Livability Assessment and Mapping in Khulna City Bangladesh."	54,000/-
513	223	Md. Meheddi Faysal	01789788530	DU	Physics	Computational investigation of Atomic Structure of Ti II Ions found in B, A and F type stars using SUPERSTRUCTURE Code.	54,000/-
514	14	Laila Alam Luva	01797685096	JU	Computer Science and Engineering	Incorporation of Biological Cryptography on CAST-128 Block Cipher to provide Multilayer Security.	54,000/-
515	730	Ishrat Jahan	01683398647	DU	Geography and Environment	Situation Analysis of Readymade Garments Female workers in Narayangonj city, Bangladesh.	54,000/-
516	805	Subah Tarannum	01770782895	DU	Geography and Environment	GIS Modeling of a Blue-Green Infrastructure (BGI) Design for a Water-Sensitive Urban Planning Approach: A Case Study of the Bashundhara Residential Area.	54,000/-
517	897	Tanmoy Kumar Ghosh	01761715761	RU	Physics	Effect of Rare Earth Doping on Structural, Magnetic & Dielectric Properties of BiFeO <sub>3</sub> .	54,000/-
518	769	Fatema Khatun	01767767203	RU	Mathematics	Analysis the System of Fuzzy Linear Equations using Fuzzy number with its application.	54,000/-
519	887	Md Saifur Rahman	01534619833	DU	Meteorology	Change in irrigation water requirement and yield of irrigated rice in Bangladesh under future climatic condition.	54,000/-
520	1005	Md. Arif Hossain	01773571368	RU	Geology and Mining	Determining Potentiality for Managed Aquifer Recharged (MAR) Model for Sustainable Groundwater Resource Management in Drought-Prone Barind Tract, Bangladesh.	54,000/-
521	252	Md. Mahbubul Hasan Shihab	01787377120	JnU	Chemistry	Novel transition metal dithiocarbamate complexes as single source precursors for nanomaterials.	54,000/-
522	635	Gita Mistry	01310917494	PSTU	Environmental Science	Assessment of Ground Water Quality and Its Effects on Human Health at Barisal in Bangladesh.	54,000/-
523	838	Debostre Roy Dristy	01705898765	JU	Physics	"Synthesis and Characteristics of Quantum Dot material for solar cell Applications."	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
524	797	Md. Monir Hossain	01854385430	CU	Mathematics	A New Approach for finding Optimal Solution of Transportation Problems.	54,000/-
525	1175	Rizone Al Hasib	01996240140	IU	Biotechnology and Genetic Engineering	Molecular Screening of exoelectrogenic bacteria from industrial waste water for electricity generation and waste treatment	54,000/-
526	17	Musfika Jahan	01639199317	JU	Computer Science and Engineering	Deep Learning-Based Automated Vehicle Parking Slot Detection.	54,000/-
527	341	Saima Sultana	01860430888	DU	Chemistry	Investigation of organic pollutants, heavy metals and microplastics in the sediment samples from Shitalakshya River.	54,000/-
528	569	Fatema Sanjana	01831192388	CU	Chemistry	Synthesis, Characterization of MgO nanoparticle and its applications.	54,000/-
529	844	Md. Thouldur Rashid	01517814847	DU	Physics	An ab initio approach to understand the structural, thermophysical, electronic and optical properties of topological insulators $\text{CaMg}_2\text{Bi}_2$ and $\text{YbMg}_2\text{Bi}_2$ .	54,000/-
530	882	Sumaya Sultana	01843503095	KU	Statistics	Inequalities in non-communicable diseases among reproductive aged women in Bangladesh: Evidence from Bangladesh Demographic and Health Survey.	54,000/-
531	658	Hasiya Khatun	01778818343	MBSTU	Mathematics	Investigate New Analytical Approach for Solving Strongly Non-Linear Vibrating Systems Including the Case of Internal Resonance.	54,000/-
532	1037	Md. Sifat Hossain	01863504629	RU	Statistics	Comparison of Accuracies among ML, DL, and AI Algorithms in Diabetes Classification using Associated Risk Factors.	54,000/-
533	552	Syed Riad	01646983569	DU	Applied Chemistry and Chemical Engineering	Microplastics and heavy metals in soil, sediment, water, fishes and plants of Shitalakshya river, Narayanganj and their probable health risk assessment.	54,000/-
534	799	Md. Manik Hossain	01794380888	RU	Mathematics	Computation of Betti Numbers of Some Point Cloud Data.	54,000/-
535	995	Moinur Rahman	01780439699	CoU	Information and Communication Technology	Third Order Statistics Based Weighted Autocorrelation Function for Fundamental Frequency Extraction of Speech Signal.	54,000/-
536	431	Sabbir Hussain Shantia	01787398735	NSTU	Statistics	Determinants of the sustainable child-friendly high densities urban development.	54,000/-
537	421	Khadiza Begum	01759737351	NSTU	Applied Chemistry and Chemical Engineering	"Synthesis, characteristics and application of $\text{CeO}_2@\text{Fe}_2\text{O}_3$ nanocomposite particles."	54,000/-
538	486	Sumona Akter Sume	01748014781	BU	Chemistry	Preparation and Characterization of Acid and Base Modified Fish Scales and Their Application as an Adsorbent.	54,000/-
539	607	Mansura Islam Bhuiyan	01812142773	CoU	Chemistry	Plant mediated green synthesis of palladium nano-particles using Aron colocasium leaf extract-an ecofriendly approach and assessment of its antibacterial activity.	54,000/-
540	328	Tamanna Jahan	01816781920	DU	Oceanography	Abundance and diversity of Phytoplankton in vicinity to Maheshkhali Island.	54,000/-
541	343	Priya.Mohammad.Jannatol Huda	01532312494	SUST	Physics	Two Boson Exchange Radiative Correction in Electron-nucleon Elastic Scattering.	54,000/-
542	162	Umma Sumia Tohura	01799518566	CU	Chemistry	Synthesis, molecular modeling, and biological activities of some metal complexes of a new unsymmetrical Schiff base.	54,000/-
543	42	Kamruzzaman Kanon	01706149863	BUET	Materials and Metallurgical Engineering	Synthesis and characterization of Molybdenum Disulfide ( $\text{MoS}_2$ ) thin films on flexible substrates.	54,000/-
544	489	Ummey Humaira	01878453462	CU	Environmental Sciences	Assessing spatio-temporal climate and landuse data to simulate vulnerability of southeastern coast of Bangladesh.	54,000/-
545	679	Akash Pandit	01840197475	DU	Chemistry	Enhancement of Electrochemical Water Oxidation at Polyoxometalate Modified Graphite Electrode in acidic Media.	54,000/-
546	847	Mst. Ummey Habiba Musfika	01734348065	CU	Physics	Comparison of Absorbed Dose measurement with Ion Chamber and TLD Method.	54,000/-
547	1016	Md. Raqibul Islam	01773533513	RU	Statistics	Performances of Machine Learning Models for Classifying Liver Patients using Significant Risk Factors.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
548	497	Manabi Ghosh	01775184072	PSTU	Environmental Science and Disaster Management.	Assessment of Surface and Groundwater Quality and Its Possible Health Risk at Coastal Bangladesh.	54,000/-
549	496	Sumona Mondal	01957034394	PSTU	Environmental Science and Disaster Management.	Salinity Intrusion and Its Health Impact Assessment in Coastal Region of Bangladesh.	54,000/-
550	436	Pasha Sufian	01854166191	NSTU	Oceanography	Extraction of Alginate from Various Seaweed Species available in Bangladesh and Assessing its Potentiality in Blue Economy.	54,000/-
551	181	Sanzida Afros	01961918944	CU	Environmental Science	Assessment of microplastics in fresh water from Urban Waterbody in Chittagong.	54,000/-
552	153	Amitav Sen	01853116397	CU	Applied Chemistry and Chemical Engineering	Synthesis and Characterization of Zinc-oxide nanoparticles (ZnONPs) Using <i>Ophiorrhiza mungos Leaf Extracts and Evaluation of their Catalytic Reduction of Important Textile Dyes.</i>	54,000/-
553	342	Ummay Tania Akter	01764252370	JU	Statistics	Specification of different inheritance patterns in of penetrance functions in association studies of GWAS.	54,000/-
554	306	Tahamida Alam Oyshi	01531185704	SUST	Chemistry	Electrochemical oxidation of nitrite on poly- <i>o</i> -aminophenol film modified gold electrode.	54,000/-
555	410	Shahmaz Akhtar Nishat	01627417639	DU	Chemistry	Study of potentially carcinogenic compounds acrylamide and potassium bromate in baked goods of Bangladesh.	54,000/-
556	519	Rabiul Hasan	01521223486	CU	Forestry	Impacts of COVID-19 Pandemic on nursery business in chattogram city, Bangladesh.	54,000/-
557	728	Salma Akter	01891970730	DU	Geography and Environment	Assessment of Socio-economic Consequences of Floods and River bank Erosion in Manikganj District of Bangladesh.	54,000/-
558	748	Umme Nabila Samanta	01970362456	DU	Geography and Environment	Challenger before Dhaka on the way to smart city.	54,000/-
559	817	Salma Akhter	01689566670	NSTU	Environmental Science and Disaster Management.	A Study of Contamination Profile and Health Risk Analysis of Vegetables Grown on Commercial Farmlands in Gazipur, Bangladesh.	54,000/-
560	766	Tasnia Habib	01940817848	BUP	Environmental Science	Functional and anatomical response of how detergent affects fish, along with water chemistry analysis.	54,000/-
561	1201	Halima Khatun	01533392143	JnU	Geography and Environment	Seasonal Variation of Ground and Surface water Quality in the North-Eastern part of Dhaka City.	54,000/-
562	621	Sajjad Hossain Tamim	01521407403	CU	Chemistry	"Characterization of Activated Carbon nanoparticles (ACNPs) synthesized from rice straw and application of ACNPs for the treatment of surface water."	54,000/-
563	640	Farha Bente Rahim	01985088437	KU	Environmental Science	Assessment of Drinking Water Quality in Batiaghata Upazila, Khulna.	54,000/-
564	506	Atkiya Firose	01747123311	MBSTU	Physics	A Study of Second and Third Order Gorieneisen Parameter for Solids.	54,000/-
565	634	Khairun Nahar	01521333544	JU	Information and Communication Technology	"Market Basket Analysis: Applying Data Mining and Deep Learning in Business cases."	54,000/-
566	140	Ruhul Amin	01784917942	PUST	Statistics	Osteoporosis Classification Using Customized Convolution Neural Network: A Case Study of in Bangladesh.	54,000/-
567	967	Sharmin Akter Sumi	01954630738	JUST	Environmental Science and Technology	Heavy Metals Contamination of Different Fish species in Oxbow lakes, Bangladesh: Health Risk Approaches.	54,000/-
568	16	Naimur Rashid Methun	01879467077	JU	Computer Science and Engineering	"Indigenous People's Speech Audio Augmentation and Recognition Using Deep Learning Approach"	54,000/-
569	231	Md. Hamim Mahmud	01858867992	JU	Physics	"Structural, morphological and magnetic properties of Eu-doped MnZnFe <sub>2</sub> O <sub>2</sub> nano-ferrites."	54,000/-
570	346	Raihan Nahar Tofa	01950758489	JU	Computer Science and Engineering	An Analytical Approach to Forecasting the Stock Market Using Time Series Data.	54,000/-

R.R. Rishi

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
571	762	Md. Mirazul-Al-Mishkat	01717620683	HSTU	Statistics	The Impact of Socio-Economic Background, Birth Attributes and Vaccination Status on Infant Mortality of Bangladesh: A Comparative Study of BDHS Data 2004 and 2018.	54,000/-
572	996	Samina Tasnim Sinthy	01782606360	CoU	Information and Communication Technology	Cyberbullying Detection Using Machine Learning from Bangla Texts extracted from Social Media Images.	54,000/-
573	1114	Syeda Samia Rahman	01553227303	DU	Statistics	Comparison of Random Survival Forest and Cox proportional Hazard Model: Application to Demographic and Health Data in Bangladesh.	54,000/-
574	1162	Jahanara Begum	01821151693	CoU	Mathematics	MHD Flow and Heat Transfer of water-based nanofluid passing a Permeable Exponentially Shrinking Sheet with Thermal Radiation.	54,000/-
575	954	Kaniz Tahsin	01718199336	KUET	Electronics and Communication Engineering	Machine Learning based Imagery Movement Identification of Locked-in Patient from EEG Signal.	54,000/-
576	957	Momen Bhuiyan	01834696369	NSTU	Applied Mathematics	Voice Identification System Based on Hidden Markov Model.	54,000/-
577	947	Arnika Afroj	01744845112	BRUR	Geography and Environmental Science	An analysis of effects of temperature and rainfall variability on major economic crops: A case of Rangpur District, Bangladesh.	54,000/-
578	461	Mst. Istaka Hossain Rupa	01305240681	MBSTU	Physics	Developing microcontroller based water quality monitoring system and analyzing the quality of natural water sources at Tangail city.	54,000/-
579	875	Emratul Jannat Swapna	01703822619	JU	Physics	"Hydrothermal Synthesis of Bismuth Oxide nanoparticles for Biomedical and Solar Cell Applications".	54,000/-
580	738	Md Mutasim Billah Kouser	01775602525	DU	Mathematics	Application of SWAT Model to Assess the Impacts of Land Use and Climate Changes on Flood in the Surma River, Bangladesh.	54,000/-
581	747	Nusrat Jahan Mahia	01992437531	DU	Geography and Environment	Assessing the Impacts of Covid-19 Pandemic on socio-Economic Condition of Char Land Inhabitants: A Study at Bahorchar of narsingdi District in Bangladesh.	54,000/-
582	1006	Md. Rashedul Islam	01521448255	MBSTU	Mathematics	Nonlinearity in Population Model Involving Biochemical And Biological System.	54,000/-
583	1015	Shangida Khatun Eva	01797152300	RU	Statistics	Menstrual disturbances and depression among university students in Bangladesh: A study in University of Rajshahi.	54,000/-
584	1152	Md. Harun-Or-Rashid	01750828108	KU	Environmental Science Discipline	Heavy Metal Contamination in Water and soil of crab and prawn farms of dacope upazila, Khulna, Bangladesh.	54,000/-
585	646	Sidratul Muntaha	01781467715	DU	Mathematics	Outlier Detection Based on Autoencoder Ensembles in Neural Network.	54,000/-
586	1124	Hosne Ara Sharmin	01752278929	BUP	Environmental Science	Radioactivity Contents in Groundwater and Its Carcinogenic Risk Assessment at Barlekha Upazila, Bangladesh.	54,000/-
587	531	Afra Azim	01575061258	DU	Applied Chemistry and Chemical Engineering	TiO <sub>2</sub> /graphene oxide/zeolitic imidazolate framework: an advanced photocatalyst for degradation of pharmaceutical pollutants.	54,000/-
588	1212	Sumaya Akter	01704667264	NSTU	Environmental Science and Disaster Management.	Influence of Physico-Chemical parameters on Zooplankton Species and density in little Feni River, Bangladesh.	54,000/-
589	1008	Shuvo Sarker	01767528519	MBSTU	Mathematics	Application of the Two variables (G/G,1/G)-expansion Method to Find New Exact Solutions of Nonlinear Evolution Equations in Mathematical Science.	54,000/-
590	363	Osman Miah	01934417275	JU	Environmental Sciences	Investigating Emission of CO <sub>2</sub> from inland water of Bengal Delta.	54,000/-
591	454	Mazharul Islam	01972830442	CU	Physics	Electrical detection of the optically generated electronic spins in semiconductor quantum wells.	54,000/-
592	750	Syed Nazmus Sakib	01724085516	BRUR	Disaster Management	Spatio-temporal variation in sediment load in the Brahmaputra-Teesta River System due to Natural and anthropogenic intervention.	54,000/-
593	807	G.M. Jakir Hossain	01719582671	RU	Physical Education and Sports Science	Exploring The Effects of Physical Exercise and Omega-3 Fatty Acid Supplementation on Muscular Strength Activity and Social Interaction Behavior in Mice.	54,000/-

ARUL

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
594	742	Nazifa Tabassum	01627481259	JU	Environmental Sciences	Assessment of dissolved organic matter (DOM) characteristics in the blue infrastructure of Dhaka city using fluorescence spectroscopy.	54,000/-
595	964	Shanzida Akter	01834243920	NSTU	Applied Chemistry and Chemical Engineering	Preparation & characterization of a polysaccharide based Super water adsorbent(SWA) by gamma radiation and its environmental and agricultural applications.	54,000/-
596	1032	Faruk Hosen	01728210576	RU	Applied Chemistry and Chemical Engineering	Snake gourd (Trichosanthes cucurmerina) Bean as Promising Anticancer Agent: Effect of Galactose Specific Lectin on Ehrlich Ascites Carcinoma Cells.	54,000/-
597	319	Afsana Hamid	01787761565	DU	Oceanography	"Seasonal variation of Nutrients and Chlorophyll a concentration of the water and Correlation between them along the Middle ground of the Bay of Bengal".	54,000/-
598	301	Jannatun Nahar Nony	01734309262	BU	Physics	Study of molecular transport into GUV through nanopore of a cell by varying the sizes of nanopore in the GUV membranes.	54,000/-
599	163	Anwar Hossain	01646050672	JnU	Statistics	Factors Affecting Safe Motherhood Practices in Bangladesh: Evidence from Multiple Indicator Cluster Survey 2019.	54,000/-
600	650	Snigdha Dhar	01521427987	DU	Applied Mathematics	Numerical solutions of system of second and fourth order boundary value problems using Galerkin method.	54,000/-
601	945	Ummeh Luba	01723681665	HSTU	Chemistry	Isolation, Chemical investigation and Biological activity of Various Parts of Glimus oppositifolius (GimaShak).	54,000/-
602	698	Akram Hosen	01743688508	DU	Mathematics	Stability Analysis of a Predator and Prey model with exponential predation.	54,000/-
603	266	Sabrina Akter Dihan	01855632363	CU	Physics	On the stability analysis of scalar hair thin-shell wormholes.	54,000/-
604	721	Md. Gollam Rabbani	01788173306	BRUR	Disaster Management	Will there be an increase in the migration trend of the coastal area of Bangladesh? Analyzing salinity risk zone mapping over the coastal belt of Bangladesh.	54,000/-
605	694	Tonmay Kumar Barman	01318067018	DU	Disaster Science & Climate Resilience	Analyzing the Impact on Public Health of Sylhet Flood Event 2022.	54,000/-
606	988	Md. Nazmul Haque	01792352605	RU	Applied Chemistry and Chemical Engineering	Health risk assessment of heavy metal concentration in poultry feed available in local market of Rajshahi city, Bangladesh.	54,000/-
607	1066	Md. Arifujaman	01774563883	RU	Applied Mathematics	Thermodynamics of Schwarzschild-like black holes in f(R) gravity models.	54,000/-
608	554	Rizvi Ahmed Opi	01794777936	DU	Applied Mathematics	Study of Cold Wave Events Over Bangladesh Using WRF Model & Its Impacts.	54,000/-
609	647	Tanvir Md. Sarwer Sabbir	01730200561	DU	Applied Statistics	Combined Criterion for Dose Optimization in Phase I Clinical Trials.	54,000/-
610	434	Shuvo Chandra Pall	01538332102	BUET	Electrical and Electronic Engineering	Wireless Charging System for Smart Phone.	54,000/-
611	931	Nowshin Laila Nisha	01572443575	DU	Geology	Diversity of Barnacles in marine Provinces and Ecoregions of the Bay of Bengal.	54,000/-
612	1076	Maysha Fhamida Bristy	01796845602	JU	Information and Communication Technology	A Machine Learning Approach for Engagement Measurement in a Virtual Classroom using Heart Rate Variability and Eye-tracking.	54,000/-
613	973	Mst. Amina Khatun	01773167718	RU	Geology and Mining	Elevated arsenic and manganese in the groundwater of Chapainawabganj, Bangladesh.	54,000/-
614	1060	Mst. Khadija Sultana	01773733590	RU	Materials Science and Engineering	Uses of Agricultural waste for Composite Fabrication.	54,000/-
615	760	Rifayat Khan Shishir	01829025592	DU	Geography and Environment	Evaluation of the Agricultural and Socio-economic Impacts due to Mohanpur Rubber Dam Project in Dinaipur District of Bangladesh.	54,000/-
616	476	Salma Akter	01862911605	CoU	Physics	Effect of Ho and Sc co-doping on Structural, microstructural and multiferroic properties of BiFeO <sub>3</sub> .	54,000/-
617	1040	Sumaya Jahan	01701025122	RUET	Electronics and Communication Engineering	Design and Analysis of a High Performance De-Dc Power converter for electric vehicle Applications.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
618	9	Orora Tasnim Nisha	01767591865	HSTU	Electronics and Communication Engineering	Audio Steganography with intensified security and hiding capacity.	54,000/-
619	379	Rafi Khandoker	01521331294	BUET	Computer Science and Engineering	Protein Secondary Structure Prediction using MSA Transormer and LSTM.	54,000/-
620	380	Razia Sultana Brishti	01799677035	KU	Chemistry	Synthesis of polyhydroquinolines using copper complex of thiosemicarbazide derivative Schiff base functionalized on Fe <sub>3</sub> O <sub>4</sub> NPs: Biological activities of polyhydroquinolines.	54,000/-
621	209	Samia Ashrafi	01884711394	DU	Applied Statistics	Narrowest Significance Pursuit Technique for Detecting Multiple Change Points in Accelerated Failure Time Models.	54,000/-
622	529	Asmani Akter	01754016701	JU	Mathematics	Inventory Control for Perishable products Subject to Uncertainties on Customer Demand Due to Seasonal Effects.	54,000/-
623	387	Miftahuzzannat Amrin	01796787709	BRUR	Statistics	Develop a machine learning model to predict dengue incidence in Bangladesh using climate variables.	54,000/-
624	383	Ratry Bonik	01894776707	JU	Mathematics	Investigating the Prospect and Challenge for Hybrid Type Wind Turbine in Bangladesh.	54,000/-
625	917	Thamina Akter	01701065199	RU	Physics	Clinical Commissioning and use of High Energy Electron Beam from a Varian TruBeam Linear Accelerator Installed at TMSS Cancer Center, Bogra.	54,000/-
626	116	Md. Nazmul Islam Nahin	01916198902	DU	Chemistry	Method Development for quantification of Respirable Silica and its Health Risk Assessment in the Ambient Particulate matter of Dhaka City.	54,000/-
627	360	Md Fokhrul Islam	01818888292	DU	Robotics and Mechatronics Engineering	Relation and Knowledge Aware Zero Shot Learning in 3D Object Recognition.	54,000/-
628	483	Israail Evan	01796296890	BU	Chemistry	Synthesis, characterization and pharmacological study of N-(3'-benzoyl-1-(morpholinomethyl)-2-oxo-3H-spiro[indoline-3,2'-(1,3,4) thiazazole]-5'-yl) benzamide and 3'-amino-1-(morpholinomethyl)-5'-(morpholinomethylamino)-3'H-spiro[indoline-3,2'-(1,3,4)thiazazole]-2-one.	54,000/-
629	1061	Nishat Tasnim Newaz	01797681627	JU	Information and Communication Technology	Low Cost Real-time Face Mask Detection and Health Screening with Deep Learning and IoT.	54,000/-
630	43	Md Tuhin Hossain	01521111049	DU	Geology	Groundwater quality assessment in Whykong Union of Teknaf Upazila and Palongkhali Union of Ukhiya Upazila, Cox's Bazar.	54,000/-
631	478	Tasnia Tamanna Sikdar	01533522110	CoU	Physics	"Synthesis and Characterization of Copper (Cu) and Magnesium (Mg) co-doped Zinc Oxide (ZnO) thin films for solar window layer to enhance the transmittance of the layer."	54,000/-
632	673	Jahid Hasan	01960678274	DU	Mathematics	Age Distributed Models of Infectious Diseases and their Dynamical Behaviour.	54,000/-
633	1202	Sadia Afrin	01913505825	JU	Statistics	Misuse of Medicine and other Psychotropic Substances among University Students: A Case study on the Students of Jahangirnagar University.	54,000/-
634	550	Tanvir Mohammad Farhan	01840279267	DU	Geography and Environment	Impacts of Rural Electrification on Socio-Economic Development and Environmental Pollution: A Case Study of Lohagara Upazila, Chattogram.	54,000/-
635	548	Maqbala Monir	01783507922	JU	Remote Sensing and GIS	Monitoring the Impact of Road Traffic and Vehicle Emissions on Air Quality in Dhaka using Remote Sensing.	54,000/-
636	591	Rehan Hasnain	01714258041	CU	Applied Chemistry and Chemical Engineering	Suitability of eco-friendly pulping, bleaching and physical properties of pulp of lambu tree (Khaya anthothea (Welw.) C.DC)	54,000/-
637	1130	Nurul Amin Nahid	01842955519	JnU	Computer Science and Engineering	Design and Development of High-Performance Split Ring Resonator Based Microstrip antenna for Fifth Generation Communications.	54,000/-
638	599	Md. Khaled Saifullah	01792046487	CU	Statistics	A dynamic panel analysis of the impact of natural, weather variables, and sowing-harvesting time shifts on major cereals in Bangladesh from 1995 to 2020.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
639	467	Dil Afroz Mukta	01893991923	RU	Applied Chemistry and Chemical Engineering	Synthesis and Characterization of Triethylene glycol dimethacrylate (TEGDMA)-Calcium phosphate (Cap) dental nano polymeric composite.	54,000/-
640	59	Md. Zannatul Nayem	01521356651	DU	Geology	Assessing the variability of groundwater quality in and around Cox's Bazar town.	54,000/-
641	165	Farhana Akter	01799601645	JUST	Chemical Engineering	Removal of Cationic Dye from waste water using Trewia-nudiflora as a novel adsorbent: Thermodynamics, Kinetics and Equilibrium study.	54,000/-
642	482	Yasmin Khatun	01777187271	JUST	Environmental Science and Technology	Identification of safe Water Sources and Purification of Contaminated Water by Using Ecofriendly Bio-adsorbents.	54,000/-
643	756	Arup Kumar Saha	01670187190	DU	Mathematics	Modelling the behavior of emerging vaccine-resistant COVID-19 strains using a multi-strain epidemic model with a stochastic approach.	54,000/-
644	804	Md. Ashiqur Rahman	01788588456	DU	Mathematics	Development of Rainfall-Runoff Model for Northern Region of Bangladesh.	54,000/-
645	668	Israt Nahar Mona	01622385127	NSTU	Environmental Science and Disaster Management.	Fluorescence properties of leachate at solid waste disposal sites of Amunbazar and Matuati in Dhaka city.	54,000/-
646	174	Most. Shabnur Begum	01773267458	HSTU	Statistics	Climate change effect on technical efficiency and productivity of wheat producing farmers in northern region of Bangladesh.	54,000/-
647	416	Md. Moksedul Islam	01794889236	BRUR	Chemistry	Enrichment of Edible Vegetable Oils with Polyphenols and their quality assessment.	54,000/-
648	305	Lata Akter	01690238967	DU	Geography and Environment	Spatio-Temporal changes of wetlands in Dhaka City and Stakeholders Perception on Impacts.	54,000/-
649	317	Newkray Marma	01839724403	DU	Geography and Environment	Assessing environmental degradation using GIS and Remote Sensing in Khagrachhari District: Bangladesh.	54,000/-
650	669	Sharmin Akter Kona	01519605304	JU	Mathematics	Numerical Simulation of Two-Dimensional Burgers' Equation.	54,000/-
651	49	Md. Rokonzaman	01757687302	BRUR	Geography and Environment	Urbanization and It's Impact on Urban Wetlands in Rangpur City Corporation, Rangpur.	54,000/-
652	241	Fatema Tuz Zohora Chapa	015335062844	DU	Theoretical Physics	First Principles study of structural, electronic, magnetic and optical properties of pure and Ba-doped SrMnO <sub>3</sub> .	54,000/-
653	754	Humayara Naj Heme	01881037861	DU	Applied Chemistry and Chemical Engineering	Preparation of activated carbon-based adsorbents for feasible removal of hazardous compounds from industrial effluents.	54,000/-
654	1009	Sheikh Shohanur Rahman	01710117008	MBSTU	Textile Engineering	Development of Sustainable Ecological Fire Retardant Cotton Fabric Using Different Eggshell.	54,000/-
655	689	Nafis Ibida Sami	01521402347	DU	Chemistry	Measurement of Atmospheric Pollutants in Six major Railway Stations in Bangladesh.	54,000/-
656	914	Raina Bintia Sondha	01749317427	RU	Physics	Spectroscopy investigation of Li <sub>2</sub> O-SiO <sub>2</sub> glass.	54,000/-
657	731	Md. Mozammel Haque	01798083653	DU	Applied Chemistry and Chemical Engineering	Potential utilization and characterization of protein and chromium extracted from chrome tanned leather shavings.	54,000/-
658	1001	Ashikuzzaman	01921045837	JKKNIU	Computer Science and Engineering	Touchless Human-Computer Interaction based on Gesture Recognition using Computer Vision and Deep Neural Networks.	54,000/-
659	896	Hafijur Rahman	01716467267	KUET	Chemistry	Effect of Sulfa Drug on the Structure of Nicotinamide (vitamin B <sub>3</sub> ) and Pyridoxine (vitamin B <sub>6</sub> ) Solutions at Different Temperatures: Volumetric, Viscometric and Ultrasonic Studies.	54,000/-
660	1002	Monia Jannatul Kubra	01641543060	NSTU	Applied Chemistry and Chemical Engineering	Kappa Carrageenan based hydrogel preparation by Gamma Radiation & its application in environmental remediation & agricultural field.	54,000/-
661	228	Towfikul Islam Tahmid	01701493065	JU	Physics	Study of Fe-doped TiO <sub>2</sub> film as an active photo absorbing layer (by sol-gel technique)	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
662	487	Md. Khalid	01890900972	BU	Chemistry	A Comparative Photocatalytic Study of Titanium Dioxide (TiO <sub>2</sub> ) and Reduced TiO <sub>2</sub> .	54,000/-
663	761	Sayma Afroz	01624483981	DU	Geography and Environment	Assessment of the Impacts of Salinity Intrusion on Physical and Mental Health of Women in Coastal Areas of Bangladesh: A Case Study of Gabura Union, Shyamnagar, Satkhira.	54,000/-
664	790	Rabul Islam	01776840539	DU	Chemistry	Vertical Distribution of Atmospheric Trace Gases and Particulate Matter in Bangladesh.	54,000/-
665	67	Durjoy Dey	01675720262	DU	Applied Statistics	A Comparison of Machine Learning Methods for Survival Prediction.	54,000/-
666	994	Md. Nabil Arafat	01781262766	CU	Forestry	Vegetative Propagation of Indigenous Tree Species using Exogenous Hormones.	54,000/-
667	394	Md. Shahadat Hosen	01965813395	RU	Statistics	Postnatal care and infant health in Bangladesh: A Nationwide cross-sectional study.	54,000/-
668	612	Salim Talukder	01743671669	MBSTU	Chemistry	Synthesis of polyethylene glycol (PEG)-N, N-dimethylacrylamide (DMA) hydrogel incorporated with graphene oxide to remove effective dye.	54,000/-
669	622	Md Muktarul Haque	01706800330	RU	Physics	Relativistic treatment for scattering of electron and positron by H <sub>2</sub> S molecule.	54,000/-
670	484	Md. Shamim Hossain	01726973555	BU	Chemistry	Synthesis and Degradation Studies of Oxidatively Degradable Polyester.	54,000/-
671	987	Mishion Dav	01831744995	NSTU	Applied Chemistry and Chemical Engineering	Development of Dye Sensitized solar cell (DSSC) based on Natural dye extracts and efficiency enhanced by graphene Oxide (GO) doped TiO <sub>2</sub> photoelectrode.	54,000/-
672	690	Kazi Rakib Uddin	01706727625	DU	Chemistry	Satellite Verification and Aerosol Types Characterization (AERONETAOD) at Seven Different Locations in the Indo-Gangetic Plain (IGP) Region.	54,000/-
673	351	Md. Moshir Rahman	01521436446	DU	Applied Chemistry and Chemical Engineering	Removal of Chromium from waste water using ZnCl <sub>2</sub> Impregnated activated Carbon prepared from banana peels.	54,000/-
674	830	Fatiha Nurin	01794786160	NSTU	Environmental Science and Disaster Management.	Environmental Impact Assessment of a Single Cotton T-shirt Production Using Life Cycle Assessment (LCA) approach.	54,000/-
675	129	Tapan Biswas	01632228055	DU	Mathematics	A Study on Euclidean Distance Matrix (EDM) Optimization for Sensor Network Localization with Noisy Distance Measurements.	54,000/-
676	222	Md. Moznu Mia	01638506488	MBSTU	Environmental Science and Resource Management	Assessment of industrial wastewater parameters discharged from garments manufacturing in Bangladesh.	54,000/-
677	251	Moni Akter	01538386864	InU	Chemistry	Synthesis and characterization of zeolite X and its application in catalytic co-pyrolysis of lignocellulosic biomass and waste polyethylene to produce biofuel.	54,000/-
678	758	Lubna Akter	01584060762	DU	Geography and Environment	Evaluating the Variation of Temperature, Rainfall and Humidity Data and Its Impact on Agriculture: A Case Study on Munshiganj District.	54,000/-
679	513	Razon Khan	01786012121	RU	Chemistry	Biological Applications of Schiff Base Metal Complexes.	54,000/-
680	777	Rabeya Khatun	01759962948	JU	Computer Science and Engineering	Investigation and Recognition of License Plates of Vehicles from a Video of a Tragic Road Accident on Dhaka-Aricha Highway near Savar, Bangladesh.	54,000/-
681	514	Tamal Kumar Chowdhury	01306726327	CU	Forestry	Valuation of Sitakunda Eco-Park using willing to pay method.	54,000/-
682	207	Md. Eanur Rahman	01638781107	DUET	Chemistry	Synthesis and characterization of Schiff base and its metal complex.	54,000/-
683	300	Reazul Hasan Riyan	01646003590	SUST	Chemistry	Synthesis and characterization of nano structured metal oxides and their applications in environment.	54,000/-
684	325	Md. Alamgir Hossain	01820534333	BSMRMU	Oceanography and Hydrography	Formulating a Numerical Model to Simulate Ecosystem Health for the Northern Bay of Bengal.	54,000/-
685	720	Hasnain	01679507217	JU	Mathematics	Model-aided understanding of Tuberculosis in Bangladesh through SIR, SEIR and BSEIR Models.	54,000/-
686	824	Ahsan Imran	01749965673	DU	Robotics and Mechatronics Engineering	Weakly Supervised Video Anomaly Detection in Intelligence Surveillance.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
687	1013	Md. Rafiqul Islam	01704356964	RU	Statistics	Prediction rainfall using machine learning algorithms; empirical evidence from Bogura and Rangpur district of Bangladesh.	54,000/-
688	1092	S.M. Nayem Ahasan	01957177709	KU	Environmental Science	Socio-Ecological management Scenarios of The Fisheries Resources in Mongla Estuarine Environment of Bangladesh.	54,000/-
689	986	Md Rubiul Islam	01552990310	CU	Forestry	Determining congeniality of the tree species and their structure for urban roadside plantation.	54,000/-
690	770	Debashis Roy	01767085998	RU	Chemistry	Synthesis, characterization and liquid crystalline properties studies of Ni (ii), Cu(ii) & Co(ii) complex derived from substituted benzoylhydrazine with different aldehydes.	54,000/-
691	373	Md. Rahat Hasan	01986034979	JnU	Computer Science and Engineering	A Blockchain technology-based framework for digital document authentication on the government system.	54,000/-
692	356	Md. Anamul Hassan	01956560301	JU	Environmental Sciences	Seasonal and diurnal changes of pCO <sub>2</sub> in Brahmaputra River.	54,000/-
693	137	AI Shantia Islam	01783297164	PSTU	Disaster Resilience and Engineering	Drinking Water Quality and Human Health Risks Assessment of Patuakhali District in Bangladesh.	54,000/-
694	1098	Mst. Sabiha Sultana	01735393185	RU	Chemistry	Thiols-capped CdTe quantum dots, and their stabilization in Schiff base for improved fluorescence probe.	54,000/-
695	885	Md. AI Amin	01750262668	RU	Mathematics	On the Improvement of Cellular Neural Network Simulation.	54,000/-
696	313	Ahona Anjum Munia	01915808221	JU	Environmental Sciences	Spatial distribution, and trend analysis of air pollutants of different monitoring stations in Bangladesh from 2013 to 2022.	54,000/-
697	302	Sadia Jahana Rothi	01642300707	BUP	Environmental Science	Analysis of changes in climatic parameters and it's impact on local people in Barguna District, Bangladesh.	54,000/-
698	913	Mohammad Ali	01991215066	MBSTU	Statistics	Triple Sampling Hotelling's T <sup>2</sup> Control Chart.	54,000/-
699	682	Farzana Afroz Liza	01521558990	BUP	Environmental Science	Removal of Multiple Heavy Metals by Biomineralization based on MICP by Ureolytic Bacterial Isolated from Agricultural Topsoil.	54,000/-
700	412	Laila Sharmin	01644393866	DU	Nuclear Engineering	Computational investigation on searching new fuel for typical PWR type Small Modular Reactor by the application of Monte Carlo Code Open MC&DRAGON.	54,000/-
701	561	Khadija Khatun	01759520490	JnU	Physics	"Controlled Synthesis and Characterization of Super-paramagnetic Fe <sub>3</sub> O <sub>4</sub> Multi-Shape Nanoparticles for the Application of Cancer Thermo-therapy and Drug Delivery System."	54,000/-
702	749	Mubashshira Islam Lameya	01705882536	BRUR	Disaster Management	Contextualizing the factor affecting the responses and adaptation techniques of disasters in an island landform: A DPSIR framework analysis.	54,000/-
703	873	Rajeatul karim Raka	01858780600	NSTU	Environmental Science and Disaster Management.	Removal of methylene blue from textile industry wastewater using starch embedded silver nanoparticles.	54,000/-
704	283	Tanvir Ahmed	01627946943	DU	Physics	Fabrication of Bimetallic Core-Shell (Gold-Silver) Nanoclusters and Their Characterization.	54,000/-
705	493	Arup Bhowmik	01710269283	JU	Chemistry	Investigation on Microbial Fuel Cell for electricity generation and removal of organic pollutants from the industrial wastewater.	54,000/-
706	494	Humayun Iqbal	01751597856	JU	Chemistry	Fabrication of Activated Carbon Electrode with PEDOT: PSS to Enhance the Efficiency of Microbial Fuel Cell.	54,000/-
707	1033	Umme Kulsum	01727767903	RU	Applied Chemistry and Chemical Engineering	Investigation of heavy metals in wastewater and soil sample from open drainage channels in Rajshahi, Bangladesh and their potential health risk assessment.	54,000/-
708	322	Syeda Jasia Firdaws	01521412154	BSMRMU	Oceanography and Hydrography	Sediment Dynamics and Primary Productivity in the Major Channels in the South-Eastern Coast of Bangladesh.	54,000/-
709	229	Bijoy Krishna Roy	01737908390	DU	Applied Chemistry and Chemical Engineering	Development of graphene oxide incorporated polymer composite for heavy metal removal from waste water.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
710	812	Popy Khatun	01777223410	JU	Statistics	Performance evaluation of ensemble-based machine learning techniques for predicting hepatitis disease.	54,000/-
711	814	Md. Miraz Hossain	01739783879	JU	Statistics	Prediction of Nutritional Status in Bangladeshi Children with the Application of Machine Learning Algorithms.	54,000/-
712	99	Prianka Barman	01521426982	DU	Applied Statistics	Developing Health Well-being Index for Exploring the Regional Variation of Overall Health Status in Bangladesh.	54,000/-
713	1050	Hamima Akter	01785519910	CoU	Information and Communication Technology	Online course recommendation system using machine learning.	54,000/-
714	327	Owahida Shahrin	01772224050	JU	Mathematics	Finite difference scheme for Advection-diffusion equation with decay.....	54,000/-
715	1028	Mahmudul Hasan	01518398741	HSTU	Computer Science and Engineering	Predicting emission of carbon between most climates affected and most carbon emitted countries using ensemble machine learning.	54,000/-
716	927	Raya Tarannum	01620115545	DU	Geology	Risk Assessment of Saltwater Intrusion in Deep Freshwater Aquifers of coastal Bangladesh.	54,000/-
717	1197	Toma Chowdhury	01815682280	DU	Chemistry	Bioactivities and Phytochemical Studies on the plant <i>Sariva Plebeia</i> (Bhuihuisi)	54,000/-
718	426	Mst. Fahima Akter	01773788337	DU	Geology	Applying sequence stratigraphic framework to evaluate reservoir architecture of the surma group using outcrop analogues exposed in olatong anticline.	54,000/-
719	462	Sabrina Akter	01755368967	BRUR	Physics	Hydrostatic Pressure Dependent Structural, Elastic, and Optoelectronic Properties of $ScCuO_3$ : A DFT Study.	54,000/-
720	541	Nusrat Jahan	01772165138	JU	Mathematics	Periodic review system with expediting for Inventory control policy.	54,000/-
721	667	Sharmin Akther Lima	17169601763375	DU	Physics	Efficiency of soft and hard ferrite nanoclusters for magnetic hyperthermia therapy and MRI imaging.	54,000/-
722	881	Mst. Rumaya Akter	01748105376	KU	Physics	Optimization of Ion Beam Energy From a Sub-KJ Dence Plasma Focus Device Using Lee Code.	54,000/-
723	206	Nowshim Sharmily	01879926602	DU	Electrical and Electronic Engineering	Study of different artificial intelligent based network models and development of algorithm and software for automatic detection of heart diseases like arrhythmia, heart failure from ECG data.	54,000/-
724	399	Shirajum Monira	01750482755	RU	Statistics	Food insecurity among Shantail community in Rajshahi District, Bangladesh: A statistical study.	54,000/-
725	125	Md. Asaduzzaman	01796065059	DU	Mathematics	Developing stochastic programming model and algorithms to solve water resource problem.	54,000/-
726	315	Md. Mahmudul Hasan	01949936207	BUP	Environmental Science	Evaluating and Mapping of Atmospheric Air quality/pollution in the Coastal Area of Bangladesh by Using Remote Sensing and GIS Techniques.	54,000/-
727	741	Wahida Ahmed	01773748716	JU	Environmental Sciences	Is Biofloc fish a safe alternative to conventionally cultivated fish in Bangladesh?	54,000/-
728	1038	Raisa Tabassum	01571119844	MBSTU	Mathematics	Numerical Study of natural convection in a cavity with wavy bottom and top walls in the presence of periodic magnetic field.	54,000/-
729	1102	Salmun Nahar Aishi	01962549032	DU	Geography and Environmental	Public Toilets for Sanitation Access to Women in Urban Public Spaces: A Case Study in Dhaka Metropolitan City.	54,000/-
730	417	Mst. Rumpa Akter	01784988044	BRUR	Statistics	Identification of Hub genes, Pathways and therapeutic targets for Colon Cancer microRNAs gene expression profiles: A Network-based Meta-analysis Approach.	54,000/-
731	1180	Asrafun Nahar Happy	01521329905	MBSTU	Environmental Science and Resource Mgt	The Efficiency of Heavy Metal Removal Utilising Sawdust in Waste Water and the Health Consequences of such Heavy Metals	54,000/-
732	524	Sumiya Akter Ramin	01746474767	PUST	Physics	Ab-initio study of structural, elastic, electronic, optical, and thermodynamic properties of $Mo_3P$ superconductor under external pressure.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
733	1020	Rubayet Akter	01568929265	PUST	Physics	Grain Boundary and Chemical Short Range Order Effects on Mechanical Properties of Multi Principle Element Alloys.	54,000/-
734	442	Samia Siddique	01821320465	DU	Geography and Environment	Influence of Energy Consumption on Urban Heat Island and Microclimate of Dhaka City: A Geospatial and Machine Learning Approach.	54,000/-
735	193	Atkiya Anjum Nishat	01641656971	CU	Chemistry	"Transition metal complexes of Schiff base: Synthesis, characterization, DFT calculations and biological activity studies."	54,000/-
736	214	Asif Chowdhury	01867944806	DU	Applied Mathematics	Performance Check of WRF Model for Predicting Weather systems through forecast verification.	54,000/-
737	724	Md. Abrar Tazwar Rijon	01783242242	DU	Geography and Environment	Disaster Induced Impacts on Locals: A Case Study of Ulipur Upazila, Kurigram.	54,000/-
738	965	Khadiza Tul Kubra	01748285905	JU	Information Technology	Reducing of Car Accident in the Highway by Using IoT: Bangladesh Perspective.	54,000/-
739	103	Mohammed Meheddi Hasan	01521484339	DU	Theoretical Physics	Study of Structural, Mechanical, and Optoelectronic Properties of Transition Metal (Mn and Cu) Doped Lead-Free Halide Double Perovskites.	54,000/-
740	498	Marjana Akter	01707908610	PSTU	Environmental Science and Disaster Management.	Evaluation of Soil Quality and Its Possible Environmental Implications in Coastal Bangladesh.	54,000/-
741	1191	Fatema Akter	01852188565	DU	Geography and Environment	Impact of Disaster on Livelihood of Char Land people: A Case study of Padma River at Zanjira Upazila in Sariapur District.	54,000/-
742	1065	Faujhia Rahman	01758269767	KU	Environmental Science Discipline	Ecosystem Services and livelihood Opportunities of Saatla Beel in Barishal, Bangladesh.	54,000/-
743	1082	Mst. Afrin Jahan Pritha	01788233640	BRUR	Physics	Dust-Acoustic Solitary And Shock Waves Due To Opposite Polarity Dusts in a Dusty Plasma System With Trapped Ions and Kaniadakis Distributed Electrons.	54,000/-
744	686	Zubayer Islam	01521493575	DU	Chemistry	Prevalence and characteristics of microplastics present in the indoor dust deposition collected from different households in the greater Dhaka region.	54,000/-
745	911	Md. Moimuddin	01716056915	MBSTU	Computer Science and Engineering	Design and development of a compact microstrip patch antenna for 5G communication Network.	54,000/-
746	660	Labonna Rana	01852952566	KU	Environmental Science	Heavy Metal Accumulation in the Cerithidea decollata at harbaria area in the sundarbans, Bangladesh.	54,000/-
747	547	Ahshan Jazib	01775440202	JU	Remote Sensing and GIS	Forest aboveground biomass estimation of world's largest mangrove forest (Sundarbans) using Landsat-9 and Sentinel-1A data with machine learning.	54,000/-
748	1196	Abir Ahmed Labib	01793679949	JnU	Geography and Environment	Causes and Consequences of Flash Floods in Sunamjong: A Case study of Tahirpur and Dharmapasa Upazila in Sunamjong District	54,000/-
749	354	Zerin Taslim	01763439990	JU	Environmental Sciences	Determination of Heavy Metals Contamination and Their Associated Health Risks in Collected Fish Species from Three Different Fish Markets of Dhaka District.	54,000/-
750	876	Munniara Yesmin Munni	01303643371	JU	Statistics	Application of Ensemble machine Learning Methods with Hyperparameter Tuning to Determine the Prevalence and Predicting Factors of infant Mortality in Bangladesh.	54,000/-
751	1019	Gatimoy Roy	01515625597	RU	Statistics	Fertility Patterns and Differentials in Bangladesh.	54,000/-
752	1177	Munia Akter	01781204336	BRUR	Mathematics	Investigation and Characterization of Some Differential Equation in Population Dynamics	54,000/-
753	823	Mimi Saha Katha	01843049059	JU	Physics	To design effective nano-cages for reducing the side effects of cancer drugs.	54,000/-
754	601	Mashfakul Jannat	01521328187	CU	Chemistry	"Activated Carbon nanoparticles (ACNPs) synthesized from sugar-cane bagasse(SB) as new generation as new generation antimicrobial agents."	54,000/-
755	443	Md. Shahinur Rahman	01770830554	DU	Geography and Environment	Irrigation Water Scarcity in the Teesta Barrage Project and Its Impact on People's Livelihood and the Environment.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
756	445	Zinat Rahman Melody	01737710892	BRUR	Electrical and Electronic Engineering	Structural, Electronic and Optical properties of $\alpha$ -MoO <sub>3</sub> and their modification by Cobalt doping: DFT based First principles calculation with GGA-PBE exchange-correlation function.	54,000/-
757	736	Saima Alam	01643299719	DU	Chemistry	Analysis of commercial hand sanitizers using Fourier transform infrared spectroscopy and gas chromatography: A method development.	54,000/-
758	783	Afsana Begum	01715008050	DU	Mathematics	Medical Diagnosis using Artificial neural Network with Radial Basis function (RBF).	54,000/-
759	1063	Sonia Debi Sorna	01303290096	RU	Chemistry	Assessment of Health Risk Accompanying by Level of Toxic Metals in Different Herbal Medicines used for Blood Disorder.	54,000/-
760	150	Mst. Farhana Akter	01764634910	RU	Chemistry	Bioactive Poly(hydroxyethylmethacrylate) Based Block Copolymer: Synthesis, Characterization and Study Its Biomedical Impacts.	54,000/-
761	320	Md. Ashitbul Islam	01521426063	DU	Oceanography	Coastal groundwater pollution by trace metals and human health risk assessment in central south part of Bangladesh.	54,000/-
762	419	Md. Ashikur Rahman	01712327242	NSTU	Computer Science and Telecommunication Engineering	Effect of Russia-Ukraine War on World Energy Companies in Stock Markets Using Principal Component Analysis.	54,000/-
763	732	Md. Arman Hossain	01521332512	BSMRMU	Oceanography and Hydrography	Marine Environmental Pollution Analysis in Seawater and Sediments of Sitakundu Ship Breaking Yard and Mangrove Forest of Northern Bay of Bengal.	54,000/-
764	834	Nishat Anzum Adyar	01551058475	DU	Physics	An Investigation of the Structural, Mechanical, Electronic and Optical Properties of Topological Chevrel Phase materials based on First-Principle Calculations.	54,000/-
765	981	Shanta Akter Mim	01521405600	RU	Statistics	Two level logistic regression analysis of child marriage and its effect on health and nutritional status among Bangladeshi women: An evidence from BDHS-2017-2018	54,000/-
766	1067	Miss. Nure-Jannat	01303929902	RU	Physics	Growth and Characterization of the LiCoO <sub>2</sub> crystals for high efficiency Li-ion Battery.	54,000/-
767	47	Tasnia Naosin	01798575107	DU	Geography and Environment	Assessment of Environmental Impacts Due to Human Intervention in Chalan Beel Area of Bangladesh.	54,000/-
768	74	Joy Saha	01985404211	KU	Statistics	Prevalence of Stillbirth and Its Associated Factors in South Asian Countries: Evidence from Demographic and Health Survey Data.	54,000/-
769	578	Tasnim Ahmed Mahi	01756268700	DU	Electrical and Electronic Engineering	Experimental Look into Doped BiVO <sub>4</sub> for Solar Harvesting Applications.	54,000/-
770	391	Md. Shohanur Rahman	01751350699	RU	Applied Chemistry and Chemical Engineering	Assessment of toxic metals in various organs of ponds fishes ( <i>L. Rohita, Catla Catla, C. Carpio</i> ) in Rajshahi, Bangladesh.	54,000/-
771	1086	Antu Das	01997957462	JUST	Physics	"Adsorption Behaviour of Toxic Gas on the Surfaces of Pristine and Metal Doped Fullerene Nano-cages."	54,000/-
772	759	Shefat Jahjan Bristy	01860418738	DU	Geography and Environment	Impacts of Riverbank Erosion on Women and Children: A Study in Wazirpur, Barishal.	54,000/-
773	258	Md. Saidur Rahman	01854070335	DU	Physics	Graphene Oxide (GO) based Nitrogen doped ZnO nanocomposite for the degradation of antibiotics.	54,000/-
774	729	Shrabonti Zaman	01521203113	DU	Geography and Environment	Groundwater Vulnerability Assessment and Contamination Risk Mapping in Narayanganj district, Bangladesh.	54,000/-
775	1190	Sanjana Afrin	01783744214	CoU	Physics	Synthesis and investigation of magnetic, electric and optical properties of Mo doped Ca <sub>9</sub> Sr <sub>10</sub> MnO <sub>3</sub> Ceramics	54,000/-
776	407	Shoyeb Saharia	01770027793	BU	Physics	Effect of Electrolytic Solution Medium on Electro-chemical Exfoliation of Graphite to Graphene Oxide with Variation of Voltage.	54,000/-
777	664	Sabuz	01791999460	HSTU	Mathematics	An Inventory Model for remanufacturable products.	54,000/-

RBAC

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
778	705	Md. Mahmudul Hassan	01797715454	DU	Mathematics	Effect of magnetic field and radiation on ternary hybrid nanofluid flow over a shrinking sheet.	54,000/-
779	545	Mahmudul Hasan	01745983410	MBSTU	Information and Communication Technology	Design PCF based gas sensor for environment pollution monitoring.	54,000/-
780	110	Naymur Rahman	01755703952	DU	Geology	An Improved Understanding of Island Aquifer System and 3D Groundwater Modeling for Sustainable Management of Fresh Groundwater in Bhasan Char Island.	54,000/-
781	527	Masrufa Tasnim	01322075436	DU	Robotics and Mechatronics Engineering	Innovative and Low-cost Wrist Brace, Towards a 3D Scanner for Medical Purpose.	54,000/-
782	344	Tasnum Rahman	01797801142	DU	Chemistry	Studies of Phytochemicals and Biological Activity of <i>Moringa oleifera</i> Fruit and Leaf.	54,000/-
783	575	Jubair Al Mahmud	01749287118	DU	Nuclear Engineering	Radiological Mapping of the NORMs in soil samples of the World's largest mangrove forest, The Sundarbans.	54,000/-
784	816	Bappon Chandra Chanda	01677986058	NSTU	Environmental Science and Disaster Management.	Distribution pattern, ecological and health risk assessment of heavy metals of surface water in an industry adjacent rural river of Habiganj, Bangladesh.	54,000/-
785	843	M. Zahan-E-Noor	01797381262	DU	Physics	Synthesis and characterization of CAU-10-H and CaCl <sub>2</sub> doped CAU-10-H for atmospheric water harvesting application.	54,000/-
786	858	Eshrat Zahan Eshita	01774552584	KU	Environmental Science	Assessment of water and Soil Quality of Munsiganj union under Shyamnagar Upazila, Satkhira, Bangladesh.	54,000/-
787	1062	Ashis Sutradhar Nital	01777842944	RU	Applied Chemistry and Chemical Engineering	Development of PEG/Lipid-based Nanobubbles containing Carboxymethyl Cellulose for therapeutic Oxygen or drug delivery.	54,000/-
788	113	Mahima Yusuf Tarana	01521203915	DU	Disaster Science & Climate Resilience	Water Quality Prediction of Buriganga River Using Remote Sensing Techniques.	54,000/-
789	463	Md. Shohanur Rahman	01774319922	RU	Chemistry	Determination of trace metal content in Bangladeshi fruits.	54,000/-
790	746	Saiful Islam Rasel	01988163161	DU	Geography and Environment	Exploring Impacts of Riverbank Erosion on people's Livelihood, Socio-economic and health condition and their Aaption Strategies: A Study at Chandpur Sadar Upazila of Chandpur Sadar in Bangladesh.	54,000/-
791	865	Farzana Hossain Rumki	01735513391	JU	Computer Science and Engineering	A Comparative analysis of image forgery detection based on Block based copy move methods and image metadata.	54,000/-
792	432	Salma Akter Tania	01533170074	NSTU	Statistics	Machine Learning Approach to Predict the Factors Associated with Heart Related Disease.	54,000/-
793	1193	Hosneara Begum	01911613419	CoU	Physics	Synthesis and Characterization of Ni Doped Ba <sub>0.95</sub> Ca <sub>0.05</sub> TiO <sub>3</sub> Ceramics	54,000/-
794	189	Md. Atikur Rahman	01516722998	IU	Mathematics	A study on the development of technologies for storm surge response and adaptation during the fourth industrial revolution era of Bangladesh.	54,000/-
795	832	Md. Hasanur Habib	01718933399	MBSTU	Environmental Science and Resource Management	Appraisal of the properties of organic fertilizer manufactured through composting of sawdust, cow dung and flower waste and urea and their effect on soil properties and plant growth.	54,000/-
796	1111	Sagor Hore	01865269862	KU	Mathematics	Detection of Skin Disease Based on Image Color and Texture Features Using Support Vector Machine (SVM).	54,000/-
797	1146	Md. Golum Zakaria	01796911110	SUST	Chemistry	Development of N/P/B doped BioBr-PCL composite for photocatalytic, photovoltaic, luminescence & antibacterial activities.	54,000/-
798	30	Joy Bakshi	01913213590	KU	Mathematics	Automatic Rice Plant Disease Identification, Classification and Area Mapping Using Drone-Captured RGB Type Images.	54,000/-
799	225	Faria Abid	01749053550	JU	Statistics	Prediction of Risk Factors of Preterm Birth and Perinatal Death in Bangladesh using Machine Learning Algorithm.	54,000/-

RB

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
800	414	Umme Sadia Binte Kashem	01794709714	DU	Nuclear Engineering	Neutronic and Thermal Hydraulic Analysis of Pin-cell Comprising SMR HTGR Xe-100's Pebble-bed type Fuel with Different Chemical Composition & Micro-heterogenous Fuel Configuration.	54,000/-
801	991	Romana Ferdous	01632947667	MBSTU	Physics	Real-Time Environmental Gamma Radiation Monitoring in Tangail District by In-situ Method.	54,000/-
802	334	Sabnur Siddika Laki	01847301762	CoU	Statistics	A Review on Environmental Condition and Quality and Modelling Environmental Pollution of Bangladesh.	54,000/-
803	884	Syeda Subah Farah	01717448333	HSTU	Physics	Study of the Safe Distance for the Seed Germination and Plant Growth of Pea, Potato and Onion from the Effects of the Radiation Emitted by Wireless Routers.	54,000/-
804	1079	Jinat Mahjabin Sweety	01703495264	MBSTU	Environmental Science and Resource Management	Health Risk Analysis By Determining Heavy Metals (As and Fe) in Tube Wells of Tangail Municipal Area.	54,000/-
805	1126	Sumon Kuma Das	01785779214	KU	Applied Mathematics	Influence of magnetic field gradient on the chain formation process of magnetizable particle.	54,000/-
806	58	Jakia Sultana	01771470277	DU	Geography and Environment	Landuse and land cover change in Jashore municipality from 1988 to 2022 and its impact on ecology: A spatio-temporal study using GIS and remote sensing.	54,000/-
807	161	Md. Ahad Hossain	01736477703	CU	Chemistry	"Design, Synthesis, Antimicrobial, Anticancer, DFT and Molecular Docking Studies of Thymidine Derivatives"	54,000/-
808	413	Md. Sajjad Hossain Sajib	01776972670	DU	Applied Chemistry and Chemical Engineering	Removal of Arsenic from water using CaCl <sub>2</sub> Impregnated activated carbon prepared from lemon peels.	54,000/-
809	282	Sumi Akter	01784161658	DU	Physics	Magnetic Co <sub>2</sub> Mg <sub>0.8</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticle synthesis using chemical co-precipitation method, functionalization for better compatibility, characterization and use for hyperthermia to destroy cancer cell in association with chemotherapy and for MRI contrast.	54,000/-
810	1084	N. A. Nahid Pranto	01773504463	MBSTU	Environmental Science and Resource Management	Assessment of Soil erosion, flood risk and groundwater potential based on prioritization of subwatersheds for sustainable erosion and flood risk management plan in the Teesta River basin, Bangladesh using PCA and WSA methods in conjunction with morphometric analysis. RS and GIS-based approach.	54,000/-
811	1143	Sumaiya Akter	01521250922	JnU	Geography & Environment	Assessment of urban fire hazard: A Study on Lalbagh.....Dhaka.	54,000/-
812	453	Md. Moshin	01641544895	CU	Physics	Studies of spin diffusion and drift currents for electrically injected spins in semiconductor quantum wires.	54,000/-
813	138	Md. Atiar Rahman	01786889109	PUST	Geography and Environment	Identification of Ecosystem Services and their Changing Pattern: A Case of Gaznar Beel in Bangladesh.	54,000/-
814	425	Md. Faisal Iqbal	01774511941	DU	Leather Products Engineering	"Preparation of Biodiesel from Solid Leather Wastages."	54,000/-
815	528	Monisha Akter Monni	01790990464	JU	Mathematics	Numerical Investigation for Fisher's KPP Equation.	54,000/-
816	48	Afrin Sultana	01625225446	JnU	Geography and Environment	Loss and Damage Assessment of Flash Flood: A case of Sylhet, Bangladesh.	54,000/-
817	1031	Nusrat Zahan	01531762805	MBSTU	Mathematics	Numerical Study of mixed convection in a lid driven cavity equipped with different fluids and tubes in presence of magnetic field.	54,000/-
818	1072	Md. Asikur Rahman	01770963526	KU	Statistics	Socio-demographic and health factors affecting rheumatoid arthritis and gastrointestinal ulcer diseases of family head in Bangladesh: Evidence from HIES data.	54,000/-
819	956	Sujoy Sen	01953362769	JUST	Environmental Science and Technology	Efficient removal of heavy metal by using plastic waste char: Adsorption isotherm and kinetics. (Research proposal attached with this application).	54,000/-
820	521	Musharraf Hossain	01840334242	NSTU	Applied Mathematics	Prediction of Animal Disease in Time Series Data Based on Artificial Neural Network.	54,000/-

RSB

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
821	1003	Umna Habiba	01834664327	NSTU	Applied Chemistry and Chemical Engineering	Preparation & characterization of Sodium Alginate Based hydrogels by Gamma Radiation & Their Application in Environmental Remediation.	54,000/-
822	1154	Naznin Akter Runa	01784411473	SUST	Chemistry	Synthesis, Morphology, Thermal and Antimicrobial Properties of Polythiophene-ZrO <sub>2</sub> -ZnO composites: Application as Super Capacitor.	54,000/-
823	1188	Mst Kanij Farhat	01810214284	MBSTU	Environmental Science and Resource Mgt	Assesment of water quality and Trophic status in terms of Physiochemical parameters, Major Ions and Heavy Metals in Gulshan and Dhanmondi Lake, Dhaka.	54,000/-
824	1025	Rubya Yesmin	01728459497	MBSTU	Environmental Science and Resource Management	Sub-watershed prioritization based on morphometric analysis for sustainable soil and water conservation in Dudhkumar transboundary river watershed, Bangladesh using remote sensing and GIS techniques.	54,000/-
825	633	Md Fahim Fardin	01854561609	JU	Information Technology	A Federated Learning-based Academic Performance Prediction Model based on Learner Traces in Mobile.	54,000/-
826	303	Md. Azaz Ahmed	01961180241	BUJP	Environmental Science	Analyzing the Impacts of Water Flow Rate Reduction on Salinity of The Halda River Water and Agricultural Activities Adjacent to a Particular Water Control Structure.	54,000/-
827	842	Antara Rani Chakraborty	01533834233	DU	Physics	Effect of Annealing Temperature on Iron Oxide Nano Particles Synthesized by Chemical Co-Precipitation Technique.	54,000/-
828	68	Afifa Tabassum Charity	01575219771	DU	Applied Mathematics	Tracking Infrared Images to Reconstruct Flow For Urban Environment.	54,000/-
829	357	Md. Mahadi Hasan Seyam	01631158161	JU	Environmental Sciences	Urban environmental change detection using multi-source remote sensing time series (2000-2022): A comparative analysis in divisional cities of Bangladesh.	54,000/-
830	32	Eshita Chowdhury	01875751430	JU	Computer Science and Engineering	Diabetic Retinopathy Detection on Human Eyes using Deep Learning Technique.	54,000/-
831	1127	Md. Mustafizur Rahman	01963142718	RU	Information and Communication Engineering	"The Best AI Doctor" in Rural Areas: Symptom documentation based automated patient support using natural language processing.	54,000/-
832	1136	Mosammat Shanaz Parvin Liza	01725060640	InU	Geography & Environment	Land Use Dynamics, Seasonal Inundation and Water Quality Assessment of Turag River Basin.	54,000/-
833	232	Tasmim Farhana Rahman	01761412975	JU	Physics	The temperature effect on the nonlinear structures in degenerate quantum plasmas.	54,000/-
834	1094	Shahida Akter Bithe	01758949359	JUST	Physics	"A Comparison of The Miglitol Adsorption Behavior On Three Distinct Nanosheets Using Dft And Qctm Insights For targeting Drug Delivery."	54,000/-
835	904	Mohsina Akter	01708703583	RU	Physics	Analysis of <sup>12</sup> C+ <sup>16</sup> O Elastic Scattering with Non-Monotonic Potentials.	54,000/-
836	620	Kajol Ahmed	01786979709	RU	Chemistry	Synthesis of Deoxyrabelomycin and Brasiliquinone; Combat for Microbial Resistance.	54,000/-
837	1163	Anamika Dey (Sony)	01846780393	CoU	Physics	Study the structural, magnetic and Dielectric Properties of Li <sub>0.2</sub> ni <sub>0.2</sub> Ferrites.	54,000/-
838	1035	Md. Golam Rabbani	01759259938	RU	Applied Chemistry and Chemical Engineering	Extracted L-ignin/PVA/Sodium-alginate Based Hydrogel Preparation for Green Delivery of Nutrients in Plant.	54,000/-
839	1216	Rahnumazzaman Rumman	01843281264	NSTU	Environmental Science and Disaster Management.	Assesment of Zooplankton Biodiversity in Ploouted Water of Noakhali District of Bangladesh	54,000/-
840	255	Fahim Faisal	01775341151	JU	Physics	"The Role of Trapped Particles on Nonlinear Electrostatic Structures in Plasmas."	54,000/-
841	259	Md Ather Uddin Shihab	01521401587	DU	Physics	Defect Density Control Using an Intrinsic Layer to Enhance Conversion Efficiency in an Optimized SnS (Tin monosulfide) Solar Cell.	54,000/-
842	703	Yasir Arafat	01877045888	JU	Statistics	"Performance of Classification Techniques to predict child Mortality based on Socio-economic and Demographic Factors in Bangladesh.	54,000/-

DR

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
843	188	Abdullah Ali Maruf	01788361095	CU	Applied Chemistry and Chemical Engineering	Health risk assessment, bioaccumulation, and source apportionment of trace metals in soil and rice of nearby brick kiln industries in Northern part of Chattogram, Bangladesh.	54,000/-
844	985	Bellal Hosen	01810062770	NSTU	Applied Chemistry and Chemical Engineering	Effect of natural green, red and yellow dyes to improve the photovoltaic efficiency of Dye-Sensitized Solar Cell (DSSC) by incorporating Graphene Oxide.	54,000/-
845	1104	Ferdous Hussain	01716864300	KU	Urban and Rural Planning	"An application of geospatial analysis in understanding the dynamics of socio-spatial segregation in Bangladeshi cities."	54,000/-
846	593	Md. Noyon Moni	01739331460	CU	Applied Chemistry and Chemical Engineering	Assessment of Microplastics Contamination in Raw and Table Sea Salts of Bangladesh.	54,000/-
847	1211	Mohammed Abdul Aziz	01843774834	CU	Environmental Science	Water Quality Status of different water sources in Chattogram City	54,000/-
848	157	Jahida Akter	01611524432	CU	Chemistry	Cobalt(III) complexes of a carbamoyl ethyl derivative of an octamethyl isomeric ligand: Synthesis, characterization and biological activities.	54,000/-
849	335	Arnob Ghosh	01785742552	DU	Oceanography	Distribution and seasonal variation of nutrients and heavy metal ions in the surface water and bottom sediment of the Andharmanik river, Patuakhali.	54,000/-
850	719	Laboni Rani Roy	01767110973	BRUR	Disaster Management	Location Specific cyclone vulnerability indexing in coastal region of Bangladesh.	54,000/-
851	825	Rasel Rana Shykot	01879435707	DU	Geology	Assessing spatiotemporal suspended sediment concentration and sediment load within the Pad-ma-Jamuna-Meghna River System in Bangladesh using multi-spectral satellite images.	54,000/-
852	655	Bahnni Mitra	01795177400	KU	Environmental Science	Laboratory Wastewater Management in Khulna University, Bangladesh.	54,000/-
853	665	Md. Rezaul Karim	01764665864	JU	Information Technology	Multiple Crops Cultivation System with E-Trading for Green Economy.	54,000/-
854	767	Pintu Hossain	01768829288	RU	Information and Communication Engineering	Heart Disease Detection by Using Machine Learning Algorithm and Real-time Cardiovascular Health Monitoring System.	54,000/-
855	918	Shefael Kabir Joarder	01772229158	RU	Physics	Elastic Scattering, Fusion Cross-Section and Hindrance in the $^{16}\text{O}+^{16}\text{O}$ System with Non-Monotonic Potentials.	54,000/-
856	588	Istiaq Uddin Sazzad	01521327967	DU	Nuclear Engineering	Numerical Approach to Calibrate K-3 Turbulence Model for Thermal-Hydraulic Analysis in Rib-Roughened Narrow Rectangular Channels.	54,000/-
857	808	Md. Tawfiqush Shalalin Tushar	01735282729	RU	Physical Education and Sports Science	Influence of Sports in boosting social capital: A focus on the sports organization of Rajshahi City.	54,000/-
858	776	Ashraf Mootahab	01854598697	BSMRMU	Oceanography and Hydrography	Inter-annual variation of chlorophyll-a in the northern Bay of Bengal and it's relationship with physicochemical parameters and Indian Ocean Dipole.	54,000/-
859	1068	Mehedi Hassan Rupom	01521782898	RU	Applied Chemistry and Chemical Engineering	Isolation and Characterization of Bioactive Compounds from <i>Oldenlandia corymbosa</i> L. to Protect the Bio-molecules of Blood cell from Oxidative Stress.	54,000/-
860	1172	Al Amin Islam	01764846210	RU	Chemistry	Synthesis, Characterization Antimicrobial activity of Cobalt(II) and Nickel(II) complexes polypyridyl ligands and tridentate Schiff Bases Derived from $\alpha$ -amino acid.	54,000/-
861	532	Foyez Jalal Uddin	01521400896	DU	Applied Chemistry and Chemical Engineering	Evaluation of microplastics and heavy metals in soil, sediment, water, plants and fishes collected from Chittagong industrial area and their possible health risks assessment.	54,000/-
862	115	Md. Hasan Ali	01516195024	DU	Chemistry	The Study of Secondary Metabolites and the Biological Activities of the fruit of <i>Syzygium fruticosum</i> (Khudjiam)	54,000/-
863	1080	Md. Zakir Hosen	01774275641	RU	Materials Science and Engineering	Electrical Characterization of Copper Zinc Tin Sulfide ( $\text{Cu}_2\text{ZnSnS}_4$ ) By SCAPS-ID Simulation.	54,000/-
864	951	Halima Khatun	01790647392	MBSTU	Mathematics	"Lane Changing Decision Model In Highway of Bangladesh Using Game Theory."	54,000/-

ABR

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
865	254	Jannatul Ferdous	01517135914	NSTU	Environmental Science & Disaster Management	Mitigation of Heavy Metals from Industrial waste water through phytoreme dition Technique.	54,000/-
866	491	Akidul Haque	01688341773	DU	Mathematics	Mathematical Modeling on Ecosystem: Harvesting Strategies on Fishery Management.	54,000/-
867	465	Md. Abu Taleb	01780763755	RU	Physics	Synthesis and characterization of $(La_2Zr_2O_2)$ and $(La_2Sn_2O_2)$ crystals for thermal device applications.	54,000/-
868	284	Md. Bayzid Mahmud	01839695132	BSMRMU	Oceanography and Hydrography	Microplastics Contamination in Bangladesh in Relation to Ecological Menace, Human Health Risk and Climate Change Concern: An Investigative Hazard Analysis in South Western Coastal Region.	54,000/-
869	1000	Mimusa Azim Mim	01850057955	NSTU	Computer Science and Telecommunication Engineering	An Ensemble-based Voting Approach for Detecting Credit Card Fraud on Imbalanced Dataset.	54,000/-
870	44	Most. Moushume Akter	01717518526	DU	Geography and Environment	Analysing the declining trend of water body and it's environmental impacts: A case study on Rangpur City Corporation.	54,000/-
871	37	Uehwas Banik	01521415842	DU	Applied Chemistry and Chemical Engineering	Synergistic Effects Study during Co-pyrolysis of Waste Plastic and Municipal Organic Waste for Bio-oil Production.	54,000/-
872	26	Abdullah-Ar-Rafi	01780455736	SUST	Physics	Synthesis and characterization of polymeric membrane.	54,000/-
873	480	Shajedul Islam	01688699600	NSTU	Environmental Science and Disaster Management.	The influence of salinity on the photochemical processes and physicochemical properties of fresh soil from industrial area of Kumira, Chattogram.	54,000/-
874	894	Sourav Kumar Kha	01797074481	KU	Mathematics	Neural Network Based Plant Foliar Diseases Detection Using Image Segmentation.	54,000/-
875	501	Mst. Sabira Akter	01961963654	BU	Chemistry	Synthesis degradation studies of oxidatively degradable polyurethane.	54,000/-
876	438	Jannatul Ferdus	01767131560	BRUR	Statistics	A Meta analysis and Machine learning based bioinformatics approach for identification of hub genes and candidate drugs for Down syndrome and congenital heart disease.	54,000/-
877	617	Md. Nazmul Hossain Zihad	01750336569	RU	Chemistry	Microbial contaminations assessment in some gastrointestinal disorder treating herbal medicines.	54,000/-
878	645	Md Bodhur Rahaman	01766018457	KU	Environmental Science Discipline	Heavy Metals Contamination in the Bhairab River near Noapara, Jashore, Bangladesh.	54,000/-
879	787	Afrida Akther	01876493485	JnU	Mathematics	Analysis of One-dimensional Chaotic Maps with their real life Applications.	54,000/-
880	422	Shankar Barai	01703536742	NSTU	Statistics	Factors associated of people residing in old age home: a case study in Bangladesh.	54,000/-
881	978	Juel Mia	01783539686	RU	Applied Chemistry and Chemical Engineering	Inhibition Properties of <i>Moringa Oleifera</i> leaves extract on mild steel corrosion in acidic environment.	54,000/-
882	312	Md. Sakibul Huq	01621544425	KU	Environmental Science	Application of different forms of carbon (biochar, charcoal, ash) in soil to reduce arsenic contamination in coconut water and date juice.	54,000/-
883	372	Afsana Nusrat Bery	01729170012	JU	Environmental Sciences	An Investigation of Heavy metals Contamination in Dhalswari River sediments and their bio-accumulation in plant species.	54,000/-
884	409	Supath Xavier Besra	01741461837	DU	Chemistry	Investigation of Potassium Bromate, Acrylamide and Heavy Metals in Several Bakery Products of Bangladesh.	54,000/-
885	740	Md. Saheedul Islam	01871513787	NSTU	Environmental Science and Disaster Management.	Occurrence, spatial distribution and characteristics of microplastics in Haldia River, Chattogram, Bangladesh.	54,000/-
886	318	Md. Kawsarul Islam	01797912126	DU	Oceanography	A Probabilistic Risk Assessment of Toxic Heavy Metals in water, Sediment, and Fish from the Sundarbans, Bangladesh.	54,000/-
887	534	K.M. Nafee	01926796716	DU	Geography and Environment	Annual Soil loss estimation and its spatial distribution using geospatial approach: A case study of Burhanuddin Upazila, Bhola.	54,000/-

MSB



Merit Sl. No.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
888	106	Md. Mehedi Hasan	01517199583	DU	Mathematics	"Shortest Path Technique for Finding the most Economical Option"	54,000/-
889	597	Md. Arman Chowdhury	01875612575	CU	Chemistry	Studies on Thermodynamics And Transport properties Of Some Organic Binary Liquid Mixtures.	54,000/-
890	652	Samia Akter	01581640414	NSTU	Environmental Science and Disaster Management.	Investigation of Seasonal Variations of Microplastics and Trace Metals (TMs) Pollution in Deposited Urban Street Dust of Dhaka, Gazipur and Narayanganj City: An Emerging Environmental and Public Health Concern for Bangladesh.	54,000/-
891	602	Bipul Debnath	01779061072	CU	Chemistry	Synthesis, characterization and electrochemical properties of carbon nanotubes used as cathode materials for-AI-air batteries from a renewable source of water hyacinth.	54,000/-
892	294	Md. Rashedul Haque	01767757471	JU	Environmental Sciences	Assessment of Microplastics Pollution in aquatic species (Fish, Crab, and Snail), Water and Sediment from the Buriganga River, Bangladesh: An Ecological Risk Appraisals.	54,000/-
893	1181	Md. Nadim Hossain Bhuian	01689918252	MBSTU	Environmental Science and Resource Mgt	Assesment on Potency of Heavy Metal Removal through Biochar as a Low-Cost Absorbent	54,000/-
894	944	Mst. Farzana Akter	01781079031	BRUR	Disaster Management	An Analysis of Change Detection of Forest Cover and Land Use Pattern of the Sundarbans of Sathkira, Khulna and Bagerhat Region by Using GIS Application.	54,000/-
895	350	Rakib Hasan	01521248346	DU	Applied Chemistry and Chemical Engineering	Development of functionalized carbonaceous materials from abundant natural sources for the adsorption of synthetic dyes from textile wastes.	54,000/-
896	663	Zasim Uddin	01846960071	CU	Forestry	Identifying and Management of Tree Species for Sandy Sea Beach in Cox's Bazar Applying site Specific Plan.	54,000/-
897	525	Shapla Akhter	01761680735	BRUR	Geography and Environmental Science	Flood Susceptibility Analysis and Community Resilience: GIS-Based Multi-Criteria Analysis in the Floodplain of Teesta River, Nilphamari, Bangladesh.	54,000/-
898	395	Md. Sazib Hasan	01726262884	RU	Statistics	Levels and Determinants of Malnutrition Among Children under five years of age in Bangladesh.	54,000/-
899	502	Mst. Muslima Khatun	01794690836	PUST	Geography and Environment	Changing Pattern of Ichamati River at Pabna District in Bangladesh.	54,000/-
900	616	Faruk Hossain	01521308249	RU	Chemistry	Effects of Vermicompost and Molasses on the Compost Quality and Maturity of Cow Dung Applied Directly To Soil.	54,000/-
901	70	Joy Madhu	01772326303	MBSTU	Environmental Science and Resource Management	Assessment of agrochemical residues in banana fruit by using gas chromatography and QMChers technique.	54,000/-
902	1059	Md. Mehedi Hasan	01517027721	PUST	Geography and Environmental	Impacts of Super Cyclone AMPHAN and Vulnerabilities of Coastal Community: A Case Study of Gabura Union in the Southwest Coastal Bangladesh.	54,000/-
903	510	Md. Sagor Hossain	01790018965	RU	Chemistry	A facile one-pot synthesis of functionalized copper oxide nanoparticles for antibacterial applications.	54,000/-
904	290	Zannatul Ferdous Anty	01685411705	DU	Leather Products Engineering	"Adsorptive removal of heavy metal (Chromium) and dye from aqueous solution using green synthesized reduced graphene oxide."	54,000/-
905	1173	Ismat Zahana	01717228177	RU	Physics	Theoretical Study of electron and proton scattering from bromine (br) Iso nuclear series	54,000/-
906	169	Mohammad Saimun Haque Sikder	01833723154	CU	Forestry & Environmental Science	Nature of People's dependency on forest resources and The future of the forest: a case study on Chumati Wildlife Sanctuary, Chattogram, Bangladesh.	54,000/-
907	192	Sulaiman Bin Sultan	01837966620	CU	Chemistry	Spectral Characterization, PASS, ADMET, Antimicrobial and Molecular Docking Study of Newly Synthesized Mannopyranosides.	54,000/-
908	935	Zimiya Aktar Zaba	01750715279	HSTU	Physics	Study of the possibility of hydroelectricity production using the potential energy of inflatable Rubber dam in northern part of Bangladesh.	54,000/-
909	355	Md Mizanur Rahman Mizan	01793983156	JU	Environmental Sciences	Quantitative Assessment of Fecal Contamination in Shallow Tubewells water of rural areas of Bangladesh.	54,000/-

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Merit Sl. No.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
910	1030	Mehnaz Aktar Mimi	01988906914	MBSTU	Mathematics	A mathematical model on prey predator system with harvesting effect on both prey and predator species.	54,000/-
911	285	Nourin Arafat	01757385051	BUP	Environmental Science	Assessment of Sediment and Water Quality in Bangshi River.	54,000/-
912	937	Ummul Basher Asma	01854527059	CU	Chemistry	"Synthesis, Characterization, Molecular modeling and Biological activities of transition metal complexes of a new symmetrical bis-Schiff base."	54,000/-
913	565	Md. Samrat Akbar	01628614783	CU	Chemistry	Characterization of Graphitic Carbon Nanostructures (GCNs) from sawdust and their application.	54,000/-
914	371	Md. Fahim Hossen	01723364008	JU	Environmental Sciences	Under various human impacts, the biogeochemistry of the dissolved organic substances (DOM) in the estuary rivers of Bangladesh-Sundarbans.	54,000/-
915	899	Md. Abdus Sabur Ali	01788282653	BRUR	Chemistry	Biosynthesis of the metallic nanoparticles and their potential applications.	54,000/-
916	906	Sohel Rana	01521318516	KU	Statistics	Knowledge, Attitude and Practice towards voluntary blood donation & associated factors among adults in Khulna City.	54,000/-
917	230	Mosammat Jannatul Fardus Jui	01833349940	JnU	Chemistry	Amine-Functionalized Graphene Oxide Decorated with ZnO-CuO nanomaterials for Remediation of Organic Pollutants from Wastewater.	54,000/-
918	400	Apu Chakraborty	01783040695	RU	Statistics	Birth interval and Fertility intensification in Bangladesh.	54,000/-
919	975	Md. Aktarujjaman	01752287309	RU	Applied Chemistry and Chemical Engineering	Study and quantification of growth hormones in poultry.	54,000/-
920	452	Subra Dey	01854618050	CU	Physics	Design and Analysis of Terahertz Wave Electromagnetic Absorber for Oil adulteration.	54,000/-
921	626	Srayoshe Nath	01840556003	CU	Environmental Science	Assessment of Green Supply Chain Management in Drinking water service system in Bangladesh.	54,000/-
922	789	Md. Mojibor Rahman	01999542912	DU	Disaster Science and Climate Resilience	Effectiveness of the Flash Flood Forecasting and Adaptation Strategies of Gowainghat Upazila in Sylhet District.	54,000/-
923	624	Toshar Hossain	01787516691	RU	Chemistry	Comparative Study of antiradical properties and antibacterial activity of leaves of <i>Neolamarckia cadamba</i> and <i>Tamarindus indica</i> available in Bangladesh.	54,000/-
924	815	Tasneem Binte Reza	01748564107	JU	Statistics	Analysis of prevalence and risk factors associated with depression and anxiety among housewives of Bangladesh using machine learning approach.	54,000/-
925	930	Sabakun Naher	01904169359	DU	Meteorology	Categorical distribution and trend of extreme temperature condition over Bangladesh.	54,000/-
926	938	Fatema Akter	01853590990	CU	Chemistry	Synthesis, characterization, computational studies and biological applications of transition metal complexes of Schiff base [(E)-2-(thiophene-2-ylmethylene)amino]benzenethiol]	54,000/-
927	321	Md. Al-Amin	01580366321	DU	Oceanography	Impacts of Indian Ocean Dipole Mode on tropical cyclone formation in the Bay of Bengal.	54,000/-
928	722	Md. Mostain Billah	01761144123	BRUR	Disaster Management	Extreme Weather and Fluctuations in the Trend of Climatic Variables Indicate the Inevitable Climate Change. A Study on Bangladesh.	54,000/-
929	691	Enayet Hossain	01906046490	DU	Chemistry	Preparation and Characterization of Fe3O4/TiO2 Composite for Photodegradation of Different Organic Dyes.	54,000/-
930	854	Maliha Tasnim	01521322473	DU	Geography and Environment	Detection of Heat Island in Dhaka City by Using Remote Sensing Techniques and Its Effects on Human Health.	54,000/-
931	915	Md. Nazmul Haque	01789592498	RU	Physics	Commissioning Measurements for photon Beam on a TrueBeam Linear Accelerator.	54,000/-
932	764	Zarin Akter	01748162190	RU	Mathematics	A Study on Lotka Volterra Predator Prey Population Model With Adomian Decomposition Method.	54,000/-

RB

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
933	1024	Rakibul Islam	01719316322	RU	Chemistry	Synthesis of Graphene Oxide-Polystyrene Composite by Atom Transfer Radical Polymerization and Its Effect on Properties of Poly(lactic Acid).	54,000/-
934	359	Md. Hasan Masud Khan	01746654509	BUET	Electrical and Electronic Engineering	Design and analysis of photonic crystal fiber based surface plasmon resonance refractive index sensor for adulterated honey detection.	54,000/-
935	822	Shanjida Rahman	01314491079	JU	Physics	Investigation the structural, electrical and optical properties of inorganic halide double perovskites: A DFT approach.	54,000/-
936	828	Sumaiya Akter	01883010089	NSTU	Environmental Science and Disaster Management.	The carbon footprints of the scheduled banks in Bangladesh.	54,000/-
937	537	Md. Mimhajul Islam	01845741645	DU	Applied Chemistry and Chemical Engineering	Cellulose and chitosan based polyelectrolyte use as paper wet and dry strength agent.	54,000/-
938	213	Jyoti Prokash Barman	01515264286	DU	Applied Chemistry and Chemical Engineering	Removal of heavy metals from water with modified Zeolitic Imidazole Framework-8 (ZIF-8)	54,000/-
939	870	Md. Abdullah Al Mamun	01867733655	RU	Statistics	Time series model building and forecasting on greenhouse gasses in Bangladesh: An air pollution perspective.	54,000/-
940	909	Osman Goni	01521318153	RU	Applied Mathematics	"Mathematical Modelling of the Spatial Spread of Infectious Diseases."	54,000/-
941	1149	Md. Arafat	01710269593	JU	Environmental Sciences	Human Impact on Water Quality and Greenhouse Gas Emission from the Ganges River.	54,000/-
942	582	Md. Hasibur Rahman	01714796051	BU	Physics	Development of cobalt and zinc doped manganese ferrite with erbium substitution to enhance the electric and magnetic properties for several applications.	54,000/-
943	711	Mst. Raoshon Rabbany	01772563233	BRUR	Statistics	A Pathway of Child Health: How Parenting Influence Toddler's Feeding Practices.	54,000/-
944	859	Most. Israt Jahan	01796050168	RU	Statistics	Season Shifting Under the Impact of Climate Change in North-West Bangladesh.	54,000/-
945	134	Maksuda Moriom	01521110511	JnU	Mathematics	Numerical Study of Unsteady natural Convective Heat Transfer inside a Trapezoidal Cavity Filled with Nanofluids under the Influence of Periodic Magnetic Field.	54,000/-
946	1043	Md. Shovon	01768668915	JU	Computer Science and Engineering	Convolutional Neural Network based COVID-19 Recognition from X-Ray Image.	54,000/-
947	1171	Rawnak Tasnim	01770709747	MBSTU	Statistics	A Synthetic Adaptive Sample Size control Chart for Monitoring process mean.	54,000/-
948	592	Taib Hasan Badhan	01620409116	CU	Statistics	Prevalence and determinants of malnutrition among children under five in Bangladesh: A quantile regression approach.	54,000/-
949	880	Md Murshidul Islam	01933197780	RU	Chemistry	Synthesis of Functionalized Molybdenum Oxide Nanoparticle by Cost-effective Eco-friendly Method for Catalytic and Antimicrobial Activities.	54,000/-
950	779	Ibrahim Bin Anwar	01824840402	DU	Applied Mathematics	Data Driven Machine Learning For Urban Airflow/Air Pollution Estimation.	54,000/-
951	869	Md. Mahmudur Rahman	01766519776	RU	Chemistry	Spectral, Thermal and Biological Activity Studies on Schiff Base metal Complexes.	54,000/-
952	277	Murad Hossen	01787407254	JU	Computer Science and Engineering	"Design of an Enhanced Multi-factor Authentication system Combining Encrypted OTP and Biometrics."	54,000/-
953	396	Hasibul Islam Santa	01955432414	RU	Statistics	Antenatal care, maternal and under-five children health outcomes in Bangladesh: Multilevel logistic regression model.	54,000/-
954	1199	Kamrun Nahar Keya	01893795863	JnU	Geography and Environment	Assessment of ground water potential zone using Geospatial Techniques of industrial dominated area in Narayanganj District.	54,000/-
955	155	Roshnai	01521312236	PSTU	Disaster Resilience and Engineering	Assessment of groundwater quality in Kalapara upazila of Patuakhali district.	54,000/-
956	1036	Md Dipu Malitha	01787438790	RU	Applied Chemistry and Chemical Engineering	Hydrothermal synthesis of carbon quantum dots (CQDs) with considerable photocatalytic performances in removal organic pollutants under visible light.	54,000/-

RB

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
957	196	Nasir Uddin	01776336331	JU	Statistics	Effect of Contraceptive uses on fertility among ever married women in Bangladesh using Machine Learning Algorithm.	54,000/-
958	472	Md. Shahriar Isruk Shoikat	01765648165	RU	Statistics	"Levels, Trends and Factors of infant and child mortality in Bangladesh."	54,000/-
959	265	Utso Soumyo Talukdar	01754969263	SUST	Geography and Environment	A GIS based Assessment on Radionuclide substances after a speculative accident and its impact on off-site environment and public health: A Case Study on Rooppur Power Plant.	54,000/-
960	242	Zumratul Manma	01941807048	DU	Theoretical Physics	Surface properties of Liquid Zn, Cd and Sn Less simple Metals.	54,000/-
961	311	Zesan Ahmed	01894006595	DU	Oceanography	Seasonal variation and the vertical distribution of Nutrients and heavy metals in the Middle ground of Bay of Bengal.	54,000/-
962	248	Dilruba Akther	01762340004	JU	Statistics	Prediction of Thyroid Disease of Bangladesh using Ensemble based Machine Learning Techniques.	54,000/-
963	219	Shawlin Khan Shuchi	01571723697	MBSTU	Physics	Real-Time Environmental Gamma Radiation Monitoring around Medical Areas of Tangail Upazilla by In-situ method.	54,000/-
964	639	Md. Sakawat Hossain	01751167072	KU	Environmental Science	Water Quality, Sanitation and Hygiene Practice in Slum area of Khulna City, Bangladesh.	54,000/-
965	1167	Md. Ashrafal Islam	01729578443	RU	Chemistry	Synthesis and Characterization of some hydrazine and hydrazone ligands and their complexes with Ni(II) and CU(II) and their microbial activity.	54,000/-
966	866	Marjia Mohsina Meem	01683802059	JU	Environmental Sciences	Determination of Fuel Value and Antimicrobial Properties of Coconut Husk ( <i>Cocos nucifera</i> ).	54,000/-
967	1053	Md. Abu Jewel	01707668924	RU	Chemistry	Phosphorus Release Kinetics of Cow Dung, Vermicompost and Molasses Amended Soil.	54,000/-
968	293	Md. Anisul Islam	01797468625	JU	Environmental Sciences	Isolation and quantification of bacteria from street food and their antibiotic sensitivity and chemical susceptibility.	54,000/-
969	1151	Md. Sohanur	01706995411	KU	Environmental Science Discipline	Assessment of Domestic Water Supply Sources: A Case Study from Southwest Coastal Region of Bangladesh.	54,000/-
970	584	Abu Rashed Md. Shawon	01852912044	CU	Chemistry	Study of intermolecular interactions in Binary mixtures of Benzyl Alcohol with 2-aliphatic Ketones at Various Temperatures.	54,000/-
971	831	Md. Masud Ibna Husnat	01706755292	MBSTU	Environmental Science and Disaster Management.	Plastic waste management through converting plastic waste into char and evaluating its properties to apply in soil as amendment.	54,000/-
972	676	Sumaiya Jamila	01776684147	DU	Applied Mathematics	An interplay between voluntary and forced provisions in curtailing the unprecedented growth of emerging global pandemics.	54,000/-
973	210	Anirudha Kundu	01632093256	DU	Electrical and Electronic Engineering	Hairpin Resonator Based Miniaturized Reconfigurable Microwave Bandpass Filter.	54,000/-
974	20	Taheratul Jannat Mohona	01521411931	KU	Environmental Science	Accumulation of Arsenic in Livestock and Poultry: A Case Study from Kalaroa Upazilla, Bangladesh.	54,000/-
975	81	Mohammad Ali	01728887335	RU	Information and Communication Engineering	Fake news detection in Bangladesh perspective using Machine Learning Approach.	54,000/-
976	594	Tasnim Hossain	01932800324	MBSTU	Environmental Science and Resource Management	Quantitative Morphometric Analysis of Watersheds for Soil Erosion and Flash Flood Management in Dhorla River Watershed using GIS and RS Techniques.	54,000/-
977	1081	Khondokar Naymul Islam	01613339095	KU	Statistics	Prediction and perception of intimate partner violence from husband in Bangladesh: An application of machine learning approach to identify risk factors.	54,000/-
978	205	Md. Mahbub Islam	01717353551	MBSTU	Information and Communication Technology	Performance and Security Analyses of Orbital Angular Momentum Multiplexing in High Speed Optical Communications.	54,000/-

KR

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
979	871	Kh. Dola Wahid	01785539227	BSMRMU	Oceanography	Partial carbon dioxide in the northern Bay of Bengal Sea Water: Spatiotemporal characteristics, drivers modulating the spatiotemporal variation and impact on fisheries.	54,000/-
980	132	Md. Sayem Miah	01747377030	DU	Mathematics	Study of the Static and Dynamic Properties of Liquid Transition Metal Scandium (Sc).	54,000/-
981	586	Liza Akter Papyra	01716099257	DU	Meteorology	Impact of Climate Extremes on Rice Production: A Study for South-Western Region of Bangladesh.	54,000/-
982	898	Md. Sohul Rana	01783045873	RU	Chemistry	"Schiff Base Metal Complexes for Biomedical Applications: Molecular Modeling and DFT Approach."	54,000/-
983	590	Md. Bakhtiar Habib Nahin	01303864348	CU	Chemistry	Synthesis of Carbon nanomaterials through Up-Cycling of Waste Plastics and wood from Oak plants.	54,000/-
984	819	Md Abul Hussain	01930161331	JU	Environmental Sciences	The Carbon footprint measurement in the conversion of plastic waste to fuel in the pyrolysis process.	54,000/-
985	713	Nigar Sultana	01580847047	CU	Environmental Science	Impact of Chemical Explosion at Sitakunda BM Depot on Environment for Developing an Industrial Safety Framework.	54,000/-
986	40	Israt Khan	01689535836	MBSTU	Physics	Developing microcontroller based soil quality analyzer and investigating the soil quality of different agricultural sites at Tangail region.	54,000/-
987	385	Barnava Kar	01929629422	MBSTU	Physics	Investigation of the third order optical nonlinearity of organic liquids by the diffraction ring technique.	54,000/-
988	1185	Md Ramjan Mia	01736220965	RU	Applied Chemistry and Chemical Engineering	Studies on modification of viscose rayon fabrics for improving dyeing tenacity and finishing properties with various dyestuffs and finishing agents.	54,000/-
989	190	Pooja Chakraborty	01615037989	CU	Chemistry	Studies on cobalt(III) complexes of a free octamethyl tetraaza-macrocyclic diene ligand.	54,000/-
990	718	Sattik Sondipon Auritro	01778439885	SUST	Geography and Environment	Heavy Metal Contamination of Surface Water: Analysis and Identifying the Vulnerable Zones Around Habigomj Industrial Area, Bangladesh.	54,000/-
991	314	Chanchal Biswas	01784565920	KU	Environmental Science	Arsenic contamination is selected freshwater fish species: A case study from Satkhira District.	54,000/-
992	618	Mahfuzur Rahman	01701091135	RU	Chemistry	Metal toxicity assessment in some gastrointestinal disorder treating herbal medicines.	54,000/-
993	1106	Md. Sifat Ali	01735637586	BSMRSTU	Statistics	Biomarker Selection Using Gene Co-expression Network Analysis with Machine Learning Techniques and Drug Repurposing for Cancer Diagnosis, Prognosis and Therapies.	54,000/-
994	402	Md. Zohrul Islam	01723105828	HSTU	Mathematics	A Study on the Smarandache Distinct Reciprocal Partition Sets of Unity.	54,000/-
995	202	Mehedi Hasan	01794694634	JU	Statistics	Health-Related-Quality of Life in Patients with Chronic Obstructive Pulmonary Disease (COPD) in Bangladesh.	54,000/-
996	451	Umme Habiba Prianka	01883010140	NSTU	Statistics	Diarrhea Disease in Relation to Possible Household Risk Factor in Bangladesh.	54,000/-
997	891	Hridoy Chandra Chanda	01828573626	MBSTU	Environmental Science and Resource Management	Deposition of microplastic plastic in rivet bed sediment of Urban vicinity and non urban premises.	54,000/-
998	358	Md Ahmadullah	01875073572	JU	Environmental Sciences	Assessment of Self-Reported Health Status of Traffic Police Personnel in Dhaka City.	54,000/-
999	6	Md. Babul Mia	01701387299	MBSTU	Statistics	Socio-demographic determinants of vitamin A supplementation in Bangladesh: An Application of Binary Logistic Regression Model Using BDHS 2017-18 Data.	54,000/-
1000	980	Md. Abu Horayra	01701049459	RU	Statistics	Investigating the Mental Health Status among the Bangladeshi University Students during the Covid-19 Pandemic.	54,000/-

RBLC

Merit Sl. No.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
1001	1139	Farjana Akter	01732853955	CoU	Chemistry	Optimization of the deposition parameters of thin films for photovoltaic device application.	54,000/-
1002	1168	Most Maliha Tasnim	01704333667	RU	Chemistry	Synthesis, Characterization Antimicrobial activity of Oxovanadium(IV) and Copper(II) complexes of tridentate Schiff Base ligands derived from $\alpha$ -amino acid and polypyridyl ligands.	54,000/-
1003	662	Fahim Tasnim	01767864887	CU	Environmental Science	Impact of food consumption on water footprint and food security in Chattogram City.	54,000/-
1004	687	Md. Asif Iqbal Nayeem	01689444993	DU	Chemistry	Personal Exposure of Particulate Matter in Different Microenvironments and Correlation with Various Health Parameters.	54,000/-
1005	1089	Md. Tamim Iqbal	01792802064	RU	Information and Communication Engineering	Road Lane and Road Mark Detection for Smart Traffic Analysis System.	54,000/-
1006	39	Syed Toukir Ahmed Noor	01521434910	SUST	Statistics	Prevalence and Risk Factors of Multimorbidity among Adult Population in Sylhet.	54,000/-
1007	82	Rudaiba Adnina	01742245369	MBSTU	Environmental Science and Resource Management	Microplastics characteristics and its role as a heavy metal in water.	54,000/-
1008	699	Most. Mohsina Jiban Dyuti	01308626537	DU	Chemistry	Chemical and Biological Activity Studies of <i>Spondias mombin</i> L. (Hog Plum).	54,000/-
1009	571	Shankar Dhar	01998355096	CU	Chemistry	"Physico-Chemical, Acoustic, and Optical Properties of Binary Liquid Mixtures Containing Iso-Butylbenzene with 1-Butanol at Different Temperatures and Atmospheric Pressure."	54,000/-
1010	553	Md. Shahriar Kabir Tipu	01521419945	DU	Chemistry	Simultaneous Detection and Determination of Non-Penicillin Beta-Lactam Antibiotics Using Electrochemical Techniques.	54,000/-
1011	862	Md. Shahzad Khan	01886434336	JU	Environmental Sciences	An Investigation of Multi-Drug Resistant Bacteria on Medical Device Surfaces.	54,000/-
1012	567	Md. Mahmudul Hasan	01610487373	CU	Chemistry	Microwave assisted efficient Knoevenagel reaction: Synthesis of Unsaturated compounds as Probes for Anti-microbial Activities.	54,000/-
1013	279	Md. Mydul Islam	01747804389	JU	Environmental Sciences	Study on Biomedical Waste Management practice at Dhanrai Municipality & Nabinagar area in Dhaka, Bangladesh.	54,000/-
1014	1069	Abu Syed Md. Niaz Mahmud	01781847115	RU	Physics	Synthesis and Characterization of NaCo <sub>2</sub> Crystal for electronic and thermal device applications.	54,000/-
1015	829	Dilruba Yeasmin	01823451302	NSTU	Environmental Science and Disaster Management.	Life Cycle Assessment of Single-use Polyethylene Terephthalate (PET) bottles and traditional alternatives in Bangladesh.	54,000/-
1016	104	Afsana Akter Mitu	01314053049	DU	Mathematics	A Study on Stochastic Programming Problems and its Application in Power Plant and Manpower System.	54,000/-
1017	1178	Md Nahid Islam	01735693152	BRUR	Mathematics	Rformation of Exterior Differential System with Exterior Algebra.	54,000/-
1018	907	M M Tanvir Rashed	01517065146	DU	Meteorology	Determine Urban Heat Island in Dhaka City, Bangladesh, Using Remote Sensing Data.	54,000/-
1019	1147	Moriom Akter Urmi	01770370587	JU	Environmental Sciences	A study on endocrine disruptors (Phthalate esters) in the urban rivers of Bangladesh: an appraisal of risk assessment to ecology and human health.	54,000/-
1020	928	Md. Imran Gazi	01759579598	BU	Geology and Mining	Assessment of bank line change and engineering properties of the bank materials of Bishkhali River, Jhalokati, Bangladesh. A Combined Geospatial and geotechnical approach.	54,000/-
1021	675	Mansura Akter Mome	01559723321	DU	Applied Mathematics	An in-silico game-theoretic approach to study the efficacy of several health interventions to appease the rapid transmission of multi-strained epidemics.	54,000/-
1022	295	Tiloba Sabrin	01533749572	NSTU	Applied Chemistry and Chemical Engineering	Cytotoxicity, antihelmintic and membrane stability activities of ethanolic extract of <i>Amaranthus Spinous Leaves</i> .	54,000/-

RB

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
1023	1078	Jakia Sultana	01753032566	RU	Information and Engineering Communication	Implementation of a Vehicle Category Detection and Tracking System Using Deep Learning Algorithms.	54,000/-
1024	684	Sabikun Naher	01936551756	BUP	Environmental Science	Bioremediation of Petrochemical Wastewater by using Bacteria and Microalgae.	54,000/-
1025	922	Jakia Akter Nitu	01515235075	HSTU	Electronics and Communication Engineering	An Efficient MAC protocol based on full-duplex CSMA/CA in Wireless ad-hoc networks.	54,000/-
1026	596	Samiya Fariha	01635184595	CU	Chemistry	"Synthesis and characterization of cellulose nanocrystals (CNCs) from Water Hyacinth plant and functional group modified CNCs in application of heavy metal ions adsorption."	54,000/-
1027	118	Prokriti Sarkar	01521323709	DU	Chemistry	Evaluation of phytochemicals and bioactive properties of <i>Adenosma indianum</i> .	54,000/-
1028	187	Takbir Hossain	01764291028	CU	Chemistry	Synthesis, PASS Analysis, DFT optimization, ADMET and Biological Activities of Glucose Based Schiff Bases.	54,000/-
1029	45	Md. Al-Amin	01521470162	DU	Chemistry	"Development of biodegradable and biocompatible hemicellulose-based hydrogel for biomedical applications".	54,000/-
1030	304	Maisha Mahboob	01831353468	DU	Geography and Environment	Use of Machine Learning methods to identify potential factors of runoff in Meghalaya and Surma Kushiyara basin.	54,000/-
1031	566	Sharmin Akther Rimi	01670454694	CU	Chemistry	Characterization of Chemical Components in Plastic Materials: In Silico Approach.	54,000/-
1032	659	Dipa Halder	01786529116	KU	Environmental Science	Barrier and Possible Solution of Solar Energy use in Khulna, Bangladesh.	54,000/-
1033	920	Anamika Roy	01770813858	BRUR	Disaster Management	Spatiotemporal Variation of Aman Rice Yield Under Climate Change Condition in Bangladesh.	54,000/-
1034	583	Josim Mounsi	01799774618	BU	Physics	Enhancement of the electric and magnetic properties of the cobalt and zinc doped manganese ferrite with gadolinium substitution.	54,000/-
1035	580	Ummay Khair Fatima	01846964331	CU	Chemistry	Acoustic, transport and volumetric studies of binary liquid mixtures of derivatives of butanol with aromatic hydrocarbon at different temperatures.	54,000/-
1036	267	Nusrat Jahan	01793453595	CU	Computer Science and Engineering	Beef Meat Freshness Identification using Convolutional Neural Networks.	54,000/-
1037	733	Tahsin Tabassum	01708530113	BUP	Environmental Science	Occurrence and fate of micro-plastics with age in Dhaka landfill, Bangladesh.	54,000/-
1038	1090	Poonam Munshi	01795867781	MBSTU	Physics	Developing microcontroller based temperature and wind speed monitoring system and investigating the temperature-wind speed relationship at Tangail City.	54,000/-
1039	902	Sumit Roy	01781916646	MBSTU	Statistics	Prevalence and Risk Factors of Repeat Pregnancy in Bangladesh: Evidence from BDHS 2017-18 Data.	54,000/-
1040	1073	Abdullah Hil Islam	01744481875	RU	Physics	Investigation of the scattering of electrons and positrons by oxygen iso-nuclear series.	54,000/-
1041	788	Md. Shirazul Islam	01755226443	DU	Disaster Science and Climate Resilience	Assessment of Socio-economic Impact of Climate Change by using Community Based Vulnerability Index Data for Developing a Risk Reduction Plan.	54,000/-
1042	855	Muhi Muntaka	01736676550	RU	Materials Science and Engineering	Synthesis and Characterization of Magnetic Nanoparticles Conjugated with Biological Entities for Biomedical Applications.	54,000/-
1043	555	Md. Mizanur Rahman Sarkar	01521437269	DU	Applied Mathematics	Computational Analysis of Various Types of Flows Over NACA4415 Airfoil.	54,000/-
1044	430	Fardullah	01744235128	NSTU	Applied Chemistry and Chemical Engineering	"Occurrence, spatial distribution, ecological effect of microplastics in water and sediments of Hatiya Island, Bangladesh."	54,000/-
1045	661	Sabrina Sultana	01766899350	CU	Environmental Science	Studies On Drinking Jar Water Quality In Chattogram City.	54,000/-
1046	1	Tangila Afroz	01537219654	DU	Geology	Evaluation of the Current State of Climate Dynamics through Dispersed Pilen in Curzon Hall Campus.	54,000/-

PRC

Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
1047	780	Md. Sohel Rana	01757469660	KU	Urban and Rural Planning	"Ambient Air Quality Monitoring Using Satellite Imagery Over Bangladesh: Pre, Post and During the COVID-19 Pandemic Outbreak."	54,000/-
1048	585	Md. Maruf Hasan	01764382211	CU	Chemistry	Investigation of molecular interactions in binary mixtures of homologous series of aliphatic alcohols with cumene or isopropyl benzene at various temperatures.	54,000/-
1049	19	Md. Minhaz Kabir	01683296067	DU	Nuclear Engineering	Measurement of natural and artificial radioactivity and radiological hazard in raw milk samples collected from different locations of Dhaka metropolitan area and adjacent industrial areas using gamma ray spectrometry system.	54,000/-
1050	52	Anupam Sarker	01796838894	DU	Applied Chemistry and Chemical Engineering	Natural Sunlight Driven Photocatalytic Degradation of Organic Pollutants Using CdS-ZnO nanocomposites.	54,000/-
1051	1142	Reshma Koli	01881892084	CU	Marine Sciences	Hazard Vulnerability Analysis of the coastal district of Chattogram, Bangladesh.	54,000/-
1052	173	Shahriar Aboullah	01864656005	NSTU	Environmental Science and Disaster Management.	Effect of salinity on soil dissolved organic matter (DOM) in the top Soil of the coastal vicinity of Bangladesh.	54,000/-
1053	90	Apu Debanath	01996622732	RU	Statistics	Impact of Health and Social Factors on Early Childhood Development in Bangladesh.	54,000/-
1054	573	Mohammad Jayed	01736631877	SUST	Chemistry	Temperature annealed conduction behavior of reduced Graphene Oxide (rGO) thin film on the glass substrate.	54,000/-
1055	943	Subarna Akter Anjuman	01738014005	BRUR	Disaster Management	Assessing the socio-economic impacts of flood on the charland peoples and their adaptation strategies: A case study of Saghata Upazila, Gaibandha district.	54,000/-
1056	468	Afsana Afruz	01777510771	RU	Statistics	Fitting Statistical Distributions To Rainfall Data With Different Estimation Techniques: An Empirical Study From Pabna And Dmaipur Districts.	54,000/-
1057	1075	Md. Moktader Moula	01521486364	CU	Forestry	Interplay between land use practices and watershed health in the Chittagong hill tracts.	54,000/-
1058	570	Dalia Shabnam	01786199437	CU	Chemistry	A Comprehensive study on synthesis, characterization and application of metal nanomaterials.	54,000/-
1059	836	Zahin Rabbi	01300442382	DU	Theoretical Physics	Markov Chain Monte Carlo and Kahler-Dirac Fermions.....	54,000/-
1060	963	Iffat Ara Mitu	01876437675	CU	Physics	"Synthesis and characterization of Multiferroic Material."	54,000/-
1061	1071	Md. Mamun Or Roshid	01963301247	RU	Chemistry	Synthesis and characterization of N, O-donor ligands and their metal complexes such as Ni (II) and Cu (II) and study of their microbial activity.	54,000/-
1062	469	Md. Arafat Hossain	01910468656	RU	Statistics	Analyzing diseases among mothers as risk of malnutrition among under-five children in Bangladesh.	54,000/-
1063	877	Raeed Nawaf	01733944764	CU	Physics	Calculation of Maxwellian averaged neutron capture cross sections of selected s-process branching point isotopes.	54,000/-
1064	286	Md. Atiqur Rahman	01580364195	BSMRMU	Oceanography and Hydrography	Evaluation of Satellite derived Seasonal Variability of Chlorophyll-a concentration by physical forcing in the Northern Bay of Bengal: A Spatiotemporal Assessment.	54,000/-
1065	568	Ritu Dey	01938182986	CU	Chemistry	Synthesis, Characterization of Zinc Oxide Nanoparticle and Its Applications.	54,000/-
1066	307	Sidratul Mumtaha	01762955559	BRUR	Disaster Management	Assessment of Heavy Metal Concentration Levels and Potential Ecological Risk o Soil Quality Affected by Land filling in Rangpur City Corporation, Bangladesh.	54,000/-
1067	864	Md. Delwar Hossain	01765646862	RU	Chemistry	Synthesis, Characterization, Antimicrobial and Antioxidant Studies of Some Mixed Ligand Complexes of Transition Metals with Organic Acids.	54,000/-
1068	589	Md. Mozammel Hossain	01853391956	CU	Chemistry	Synthesis and Characterization of Carbon dots derived from waste papers and their application as a sensor for herbicide.	54,000/-
1069	1029	Md. Milon Rana	01737678087	HSTU	Electronics and Communication Engineering	"Comparative Study of Vehicle Detection with YOLOv5m and YOLOv5m Algorithm."	54,000/-
1070	183	Mifhhaul Arefine Kakon	01311812119	CU	Environmental Science	Assessment of microplastic in the sediments of upstream riverbed.	54,000/-

*R. B. K.*



Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
1071	46	Md. Nayeem Khan	01731578252	DU	Chemistry	Synthesis, characterization and computational study on some pyrimidine derivatives.	54,000/-
1072	755	Md. Rashed Babu	016433843785	SUST	Statistics	Cancer in Bangladesh: A Systematic review and Meta-analysis.	54,000/-
1073	1200	Md. Rajib Hossain	01521442340	JnU	Geography and Environment	Urban Hydrological Resilience: A case study towards policy guideline.	54,000/-
1074	923	Abdullah Al Mamun	01773433342	RU	Electrical and Electronic Engineering	Modelling and boosting the performance of CZTS based Solar Cells: A Numerical Approach.	54,000/-
1075	889	Md. Ahad Ali	01773538459	RU	Chemistry	Synthesis of Folic acid tagged Super paramagnetic Iron Oxide Nanoparticles for pH Responsive Drug Delivery.	54,000/-
1076	208	Md. Moniruzzaman	01736159033	CU	Chemistry	Synthesis and Characterization of CuO nanoparticles and Studies of Antibacterial and Photocatalytic Activity.	54,000/-
1077	929	Tutul Miah	01739535474	DU	Meteorology	Projection of Monthly and Seasonal Temperature of Bangladesh Based On CMIP5 and CMIP6 Models.	54,000/-
1078	87	Mir Saleh Ahmed	01756876231	MBSTU	Environmental Science and Resource Management	Analytical Study of Heavy Metals of Industrial Effluents at Gazipur district of Bangladesh.	54,000/-
1079	619	Md. Abdul Hannan	017444403397	RU	Chemistry	Synthesis, Characterization and Biological Activity studies of Pd(II) & Pt(II) complexes of arylhydrazones derived from 4-hydroxy-3-methoxy benzaldehyde.	54,000/-
1080	1132	Mohammad Sadman Alam	01854496176	SUST	Geography and Environment	Eco-hydrological indicators to evaluate the aquatic health index of Saint Martin's island.	54,000/-
1081	702	M. Nahidul Islam	01875450123	DU	Applied Chemistry and Chemical Engineering	Development and application of smart biomaterial for bio-medical applications.	54,000/-
1082	811	Rysul Hasan Hredoy	01521417452	BUP	Environmental Science	Analysis of presence of potential pharmaceutical residues in industrial wastewater and its impact on human health.	54,000/-
1083	11	M. Taquee Tahmed	01521501186	MBSTU	Mathematics	"Mathematical Analysis of leukemia (blood cancer) treatment: chemotherapy and Teell therapy"	54,000/-
1084	151	Hafizur Rahman	01569129003	RU	Chemistry	Synthesis, Characterization, Antimicrobial and Antioxidant Activities of Some Isomiazid Derived Schiff Base metal Complexes.	54,000/-
1085	50	Umma Kulsum	01590103924	DU	Applied Mathematics	Modeling and quantifying the dilemma of pre-vaccination and late vaccination employing imitation and aspiration dynamics: a game theoretic approach.	54,000/-
1086	505	Maria Akter Jintu	01705501103	PSTU	Environmental Science and Disaster Management.	Climate Change Impact and Vulnerability Assessment in Patuakhali Municipality, Bangladesh.	54,000/-
1087	393	Md. Abdul Jabber	01892275735	RU	Statistics	Depression Among Secondary School Students During COVID-19 in Rajshahi District.	54,000/-
1088	845	Abu bakar Zihad	01627838963	NSTU	Environmental Science and Disaster Management.	Assessing ecological and health risks of potentially toxic elements from Agricultural soil in Hatiya Island, Bangladesh.	54,000/-
1089	671	Khalid Saifullah	01521255991	BUP	Environmental Science	Environmental Migration and Peoples' Adaptation in a New Scenario.	54,000/-
1090	22	Md Borhan Uddin	01631688131	SUST	Statistics	Air Quality Trends and Their Association with Urbanization in Sylhet Division, Bangladesh: A Remote Sensing and GIS-based Statistical Study.	54,000/-
1091	1026	Jannatul Mawa Trishma	01686634651	MBSTU	Physics	Assessment of Elevated Level of Natural Radioactivity of Sand and Soil Samples Collected from Sea-Beaches in Cox's Bazar, Bangladesh.	54,000/-
1092	73	Sadia Taz Oyshi	01610220211	BUP	Environmental Science	Air Quality Assessment and Trend prediction using machine language for Mirpur, Dhaka City.	54,000/-
1093	166	Asma Khatun	01705688803	CU	Chemistry	Synthesis, characterization and bioactivities of metal complexes of an N-pendent derivative of an isomeric octamethyl tetraazamacrocyclic ligand.	54,000/-
1094	657	Md. Abu Jar Gifary	01723095432	CU	Environmental Science	Household Solid Waste Characterization, Its Management and Waste to Energy Potential of Gaibandha Municipality in Bangladesh.	54,000/-

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Merit Sl.	Reg No.	Name	Mobile No.	University	Department	Research Title	Amount (Tk.)
1095	810	Mst. Shamme Akter	01741356652	RU	Physical Education and Sports Science	Effect of Food Supplement (Nutraceutical) on Physical Activity in Swiss Albino Mice.	54,000/-
1096	160	Md Mazherul Islam	01648115247	CU	Chemistry	"Synthesis of some 1,2-O-Isopropylidene-a-D-Glucofuranose Derivatives: Antimicrobial, Anticancer, Pharmacokinetic and DFT Calculations"	54,000/-
1097	101	Nusrat Jahan Mumu	01812057037	DUET	Chemistry	Preparation and Characterization of Biodiesel from Rice Straw.	54,000/-
1098	84	Md Rashed Uz Jaman	01732103641	KUET	Chemistry	Synthesis and Characterization of Transition Metal-Based Keggin-type Coordination Complex for Supercapacitor Application.	54,000/-
1099	10	Md. Imran Hossen	01521469972	HSTU	Electronics and Communication Engineering	Genetic algorithm based time frequency conversion in high speed optical fiber communication system.	54,000/-
1100	21	Rownak Zahan	01723269550	KU	Environmental Science	Heavy Metal Contamination in Soil and Vegetables in 2 Upazilas, Khulna, Bangladesh: Probable Health Risk Assessment.	54,000/-
1101	105	Md. Golam Robbani	01521404432	DU	Mathematics	"Game Theory: A Pragmatic Game for Socio-Economic Development"	54,000/-
1102	701	Md. Mamdudur Rahman Chowdhury Ethen	01625349682	DU	Leather Engineering	An eco-friendly approach of dyeing of leather with turmeric dye.	54,000/-
1103	144	Md. Al-Amin	01743898419	DU	Footwear Engineering	"Tannery solid waste management: Extraction of fat from lamed fleshing for soap manufacturing"	54,000/-
1104	89	Md Saiful Alam Babu	01795366690	KU	Environmental Science Discipline	Application of different forms of carbon (biochar, charcoal, ash) for the reduce of arsenic contamination in rice and mustard.	54,000/-
1105	23	Md Tawhidul Islam	01521413174	DU	Leather Engineering	Application of tannery effluents microorganisms for biodegradability of tannery solid waste.	54,000/-
1106	145	Jannatun Nahar Jannat	01521427697	BRUR	Disaster Management	Source Oriented Ecological and Health Risks of Trace Elements in Inland and Coastal Rivers in Bangladesh.	54,000/-

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### NST Fellowship 2022-2023/Mphil (Physical Science Group)

SL No.	Reg No.	Name	Mobile No.	University	Department	Applying Year	Research Title	Amount (Tk.)
1	2	Ahsan Rajvee Rimon	01754971699	JU	Statistics	1st	"Investigation of Nutritional Status of Children based on Machine Learning Techniques: A Case Study of Bangladesh."	68,400/-
2	3	Md. Pias Uddin	01767515854	RU	Physics	1st	Synthesis, Characterization and Ab-initio Study of Heusler Crystals for Various Applications	68,400/-
3	4	Sajia Sultana Keya	01675210989	JU	Mathematics	2nd	Numerical Simulation of Natural Convective Heat Transfer of Nanofluids inside an Enclosure	99,000/-
4	7	Farajana Rahman	01521516054	DU	Chemistry	1st	Functionalized Jute Fiber/Polymer Composites as the Efficient Absorbents for the Removal of Organic Dyes from Aqueous Solutions	68,400/-
5	8	Md. Safik Ullah	01678571144	RU	Mathematics	1st	Stability Properties of 2-Parameter Persistent Homology	68,400/-
6	9	Humayra Kabir Niloy	01817782225	CU	ACCE	1st	Synthesis of Some D-Glucopyranoside Derivatives for Antimicrobial and Computational Studies	68,400/-
7	11	Matiur Rahman	01765104557	JU	Chemistry	1st	Phytochemical Investigation on the Leaves, Stems and roots of the medicinal plants <i>Garcinia cowa Roxb</i>	68,400/-
8	12	Afroza Bugum	01846781666	CU	Chemistry	1st	Assessment of Heavy Metals in Poultry, Fish Feeds and their impacts on Human Health.	68,400/-
9	14	Farjana Rahman	01743875249	DU	Geography and Environment	1st	Prediction of Pre-monsoon Severe Thunderstorm using weather research and Forecasting(WRF) Model in Bangladesh.	68,400/-
10	15	Istiak Ahmed	01750454545	RU	Physics	1st	Ab-initio insights into the Physical Properties of kagome Superconductors	68,400/-

MR. Reza

### NST Fellowship 2022-2023/PhD (Physical Science Group)

SL No.	Reg No.	Name	Mobile No.	University	Department	Applying Year	Research Title	Amount (Tk.)
1	2	Md. Tofael Ahmed	01624920254	CoU	Computer Science	1st	A Unified Data Approach for Detection and Identification of Cyberbullying Data in Online Social Media.	3,00,000/-
2	3	Md. Mahmudul Hasan	01773651236	BUET	Chemistry	1st	Improvement of the Properties of Cartilage Regenerative Hydrogels using Waste Materials	3,00,000/-
3	4	Asma Sultana Tuktuki	01915998472	KUET	Chemistry	1st	Effects of Cross-linker on Jute sticks cellulose-based hydrogel and its applications in waster treatment	3,00,000/-
4	7	Susmita Banerjee	01781140292	CUET	Mathematics	1st	Some Aspects of Ionization of Light and Medium-Heavy Atoms by Electron and Positron Impact.	3,00,000/-
5	9	Md. Anwarul Islam Bhuiyan	01923619507	DU	Mathematics	1st	Data Mining Techniques with Application to Inventory Management for Cost Optimization.	3,00,000/-
6	13	Md. Matiar Rahman	01750619678	RU	Chemistry	1st	Synthesis, Characterization and Properties of Polymethylmethacrylate based well defined block Copolymers by Atom Transfer Radical Polymerization.	3,00,000/-
7	18	Biplob Biswas	01918318817	RU	Statistics	1st	Integrated Statistical Modelling and Scaling for ScRNA-seq and Spatial Transcriptomics Data Analysis.	3,00,000/-
8	19	Md. Mahade Hasan	01710070072	JU	Chemistry	1st	Interaction of Dye with Synthesized and Conventional surfactants in additives media at different temperature as well as the exclusion of Dye from water using surfactants.	3,00,000/-



**Khan Md. Reza-Un-Nabi**  
 Deputy Secretary  
 Ministry of Science and Technology  
 Govt. of the People's Republic of Bangladesh