

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

নম্বর: ৩৯.০০.০০০০.০১২.০২.০০৮.২৩.১৬২

তারিখ: ২৪ আশ্বিন ১৪৩০  
০৯ অক্টোবর ২০২৩

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 গ্রুপের মোট ১,২১৪ জন ছাত্র-ছাত্রী/গবেষক [এমএস ১,২০৪ জন = ৬,৫০,১৬,০০০/- টাকা, এমফিল (১ম বর্ষ) ০৪ জন = ২,৭৩,৬০০/- টাকা, পিএইচডি ০৬ জন = ১৮,০০,০০০/- টাকা] এর অনুকূলে ২০২৩-২০২৪ অর্থবছরের ০১/০৭/২০২৩ খ্রি. তারিখ হতে ৩০/০৬/২০২৪ খ্রি. তারিখ পর্যন্ত ১২ (বার) মাস সময়ের ফেলোশিপ বাবদ মোট ৬,৭০,৮৯,৬০০/- (ছয় কোটি সত্তর লক্ষ উননব্বই 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 পর্যায়ে ফেলোগণ আগামী ২২/১০/২০২৩ খ্রি. তারিখের মধ্যে এবং এমফিল/পিএইচডি পর্যায়ে ফেলোগণ আগামী ২৫/১০/২০২৩ 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 পর্যায়ে 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 পর্যায়ে দ্বিতীয় ও তৃতীয় বর্ষের ফেলোগণ বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয় কর্তৃক আয়োজিত সেমিনারে তাঁদের প্রবন্ধ/গবেষণা এর অগ্রগতি উপস্থাপনের প্রস্তুতি রাখবেন।

২। ২০২৩-২০২৪ 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।



(রতন কুমার মন্ডল)

উপসচিব

ফোন: ৯৬১৬৪৩৩

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 (বিপ্ল) এর ব্যক্তিগত কর্মকর্তা, বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা।
- ৬। অফিস কপি।

### NST Fellowship MS/MSc 2023-2024 (Physical Science)

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
1	68	Rabeya Sultana	University of Dhaka	Department of Leather Engineering	Valorization of Animal Waste Hair: Preparation of Keratin-PEO-Chitosan Based Electrospun Nanofiber for Wound Dressing Application	54,000/-
2	1021	Sharmin Sultana	University of Dhaka	Department of Leather Engineering	Valorization of mixed office wastepaper by producing nanocellulose from it for insole application in leather footwear	54,000/-
3	69	MUHAIMIN ALAM SEIAM	University of Dhaka	Department of Leather Engineering	Bacterial lipase assisted unhairing of goat skin for the development of environment friendly pre-tanning process.	54,000/-
4	883	Ehsanul Hoque	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Electrospun Nanofibrous Mat from Ag Nanoparticle Incorporated Gelatin Derived from Untanned Leather Waste and Polyvinyl Pyrrolidone for Biomedical Applications	54,000/-
5	1219	Nishat Tamanna Adiba	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Preparation of ATRP-Based Stimuli-Responsive Injectable Hydrogels from Chitosan for Controlled Drug Delivery in Bone Applications and In Vivo Evaluation	54,000/-
6	859	Kabir Hossain	Noakhali Science and Technology University	Statistics	Foreign Exchange Prediction: A comparative Analysis of Traditional Time Series, Machine Learning and Deep Learning Algorithms	54,000/-
7	1020	Nazia Siddika Farzana	University of Dhaka	Leather Products Engineering	Development of artificial leather from trimmed leather by green approach	54,000/-
8	700	Nadia Mehjabeen Oyshi	University of Dhaka	Statistics	Application of Factor Analysis for Identifying Factors Associated with Health problems of Tannery Workers, Savar	54,000/-
9	229	Tarikul Islam	University of Dhaka	Applied Statistics	Decomposing Total Effects in the Presence of Exposure-Influenced Mediator-Outcome Confounders	54,000/-
10	730	Farzana Zaman	University of Dhaka	Statistics	Zero-Inflated Logistic Regression Model: Analyzing Maternal and Child Health in Bangladesh	54,000/-
11	40	Md. Abu Darda	Dhaka University of Engineering & Technology	Department of Textile Engineering	Heat insulating jute-reinforced recycled polyethylene and polypropylene bio-composites for energy conservation in buildings	54,000/-
12	671	Samiul Islam	University of Rajshahi	Statistics	Machine Learning Algorithms in Big Data Analytics for the 4th Industrial Revolution	54,000/-
13	432	Ashraful Alam	Jahangirnagar University	Department of Chemistry	Study of the aggregation, interaction, and thermodynamic properties of the mixture of anti-depressant drug and surfactants in different medium at numerous temperatures.	54,000/-
14	38	M.D. Nizam Uddin Tanim	University of Dhaka	Department of Electrical and Electronics Engineering	Non-Contact Building Occupancy Estimation Using Microwave Doppler Radar and Deep Learning	54,000/-
15	1236	Md Shaheen Alam	Jahangirnagar University	Department of Physics	Synthesis and Characterization of CZTS Thin Film for Solar Cell Application	54,000/-
16	258	Imran Hossain Sabuj	University of Dhaka	Department of Electrical and Electronics Engineering	Bi Based Green Nanoparticles For Photocatalytic Applications	54,000/-
17	1033	Mst. Dilruba Khatun	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Adsorption of Heavy Metals from Wastewater by Using Chemically Modified Bioadsorbent.	54,000/-
18	641	Keya Akter	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Assessment of Phytochemical Screening, Antimicrobial Activity and Toxicity of Fruit Extracts (Sapium Indicum) for Safe Preservation of Dry Sea Food.	54,000/-
19	819	Fatema Noor Mithila	University of Dhaka	Department of Footwear Engineering	Preparation of formaldehyde free eco-friendly retanning agent from skin trimmings and eucalyptus extract for the production of crust leather - A circular economic approach.	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
20	182	Maream Haque	University of Dhaka	Department of Leather Engineering	Recovery of Chromium from Tannery Wastewater by Bamboo Activated Carbon	54,000/-
21	549	SHOBHA ISLAM	University of Dhaka	Department of Mathematics	A Modeling Study on the Mitigation of Infectious Diseases in Bangladesh through Fuzzy Analysis	54,000/-
22	1246	Sumya Naz	Khulna University	Department of Urban & Regional Planning	Breaking the Cycle: A Comparative Analysis of Graduation Pathways and Poverty Traps in Urban and Rural Poor Communities	54,000/-
23	115	Md. Al-amin Hossen	University of Dhaka	Department of Chemistry	Optical Properties of Water-Soluble Brown Carbon (BrC) in Dhaka, Bangladesh: Composition and Contribution of Nitro-aromatic Compounds	54,000/-
24	1105	Md. Tazel Hossan	Jahangirnagar University	Department of Computer Science & Engineering	Fake News Identification Using Multi-objective Evolutionary Algorithm	54,000/-
25	189	H. RAINAD KHAN ROHAN	University of Dhaka	DEPARTMENT OF NUCLEAR ENGINEERING	Neutronic and Fuel Cycle Analysis of a Breed & Burn Sodium-Cooled Fast Reactor Using Minor Actinides and Long-Lived Fission Products	54,000/-
26	1095	Nishat Tasnim	Jahangirnagar University	Department of Computer Science & Engineering	Aspect-Based Mining and Summarizing Customer Reviews in Bangla	54,000/-
27	391	Mahnaz Ibrahim	University of Dhaka	Applied Statistics	On Estimation of Relative Risk Regression Model for Binary Data	54,000/-
28	26	Anika Nawar Mayeesha	University of Dhaka	Department of Geology	Validation of Atmospheric Water Vapor from GPS using NCEP NCAR Reanalysis Product in Bangladesh	54,000/-
29	1012	Nusrat Jahan	Noakhali Science and Technology University	Information and Communication Engineering	Empowering Patient Care with an Economical and Advanced Smart Healthcare Monitoring System Using Artificial Intelligence	54,000/-
30	222	K. M. Sourov	University of Dhaka	DEPARTMENT OF NUCLEAR ENGINEERING	Numerical Analysis of Heat Transfer and Pressure Drop Characteristics in Compound Ribbed Narrow Rectangular Channels with Nanofluids.	54,000/-
31	1232	Sunjida Alam	Shahjalal University of Science and Technology	Department of Oceanography	Interactions Between Macrobenthic Community Composition, Trace Metals, and Sediment Characteristics in the Salt Marsh Habitat of Salimpur Coast, Chittagong	54,000/-
32	1139	Md. Tanvir Hasan Sojib	University of Dhaka	Institute of Disaster Management	An indicator-based resilience framework to assess disaster resilience of char land communities in the Jamuna River Basin	54,000/-
33	1159	Md. Nobir Hosen	University of Dhaka	DEPARTMENT OF NUCLEAR ENGINEERING	A Study to Explore the Efficient Minor Actinide Transmutation Method in Boron-Free VVER-1000 Reactor	54,000/-
34	218	Sahera Akter	University of Dhaka	Statistics	Determining the Environmental Risk Factors Affecting the Dengue Infected Cases and Deaths: An Evidence from Bangladesh Dengue Data	54,000/-
35	375	MAHJAERIN ONNESHA	University of Dhaka	Statistics	Investigating the Effects of Environmental Factors on Mortality Using a Generalized Additive Model with Autoregressive Terms: An Evidence from Bangladeshi COVID-19 and Dengue Data	54,000/-
36	586	Mst. Nazmunnahar Lucky	University of Dhaka	Department of Meteorology	Heat wave Climatology and Heat wave Criteria in Bangladesh.	54,000/-
37	647	Rasel Islam	Islamic University, Kusthia	Mathematics	Mathematical analysis of traveling wave solutions and their fractional effects of the nonlinear model in water wave mechanics	54,000/-
38	822	Md. Tashrif Bin Noor	Jahangirnagar University	Statistics	Antenatal Care(ANC) Visits in Bangladesh: A Spatial and Multilevel Modeling	54,000/-
39	142	Jagonnath Biswas	University of Dhaka	Department of Electrical and Electronics Engineering	Machine Learning Based Signal Processing for Highly Efficient Brillouin Optical Time Domain Analysis Sensors	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
40	334	Ruma Rani	University of Barishal	Department of Mathematics	Investigation of stability and bifurcation analysis of the Modified Henon map	54,000/-
41	645	Sheikh Sumaya Mahim	University of Rajshahi	Statistics	Current pattern of successful quitting methods of tobacco smoking in Bangladesh.	54,000/-
42	173	Md. Rounak Jahan Raj	University of Rajshahi	Department of Physics	Pentaquark States with Heavy Quarks	54,000/-
43	113	Sadia Islam	Jahangirnagar University	Department of Chemistry	Synthesis of Azetidinones as Potent Antimicrobial Agents	54,000/-
44	457	Pulak Kundu	Khulna University	Applied Mathematics	Modeling the Impact of Industrial Farming on Yield for Sustainable Agriculture: An Optimal Control Approach	54,000/-
45	677	Evana Sultana	Khulna University	Department of Chemistry	Disodium EDTA- Capped AuNPs as a Colorimetric Probe for Selective Pb <sup>2+</sup> and Cd <sup>2+</sup> Detection	54,000/-
46	821	Papri Nandi	University of Chittagong	Department of Chemistry	Synthesis, characterization, DFT calculations and biological activity studies of a new Schiff base and their transition metal complexes	54,000/-
47	875	Tasin Sumaia Khan	Bangabandhu Sheikh Mujibur Rahman Maritime University, Bangladesh	Oceanography and Hydrography	Revealing the Influence of River Runoff on Mesoscale Eddies in the Northern Bay of Bengal: a Modeling Approach	54,000/-
48	1143	Afrin Jahan Eva	Jahangirnagar University	Institute of Information and Communication Technology	Optimal Information and Energy Transfer through Intelligent Reflecting Surface	54,000/-
49	865	Apurbo Roy Chowdhury	University of Dhaka	Applied Mathematics	Seasonal and Sub-Seasonal Forecasting over Bangladesh Using Machine Learning	54,000/-
50	447	Nesar Ali Titumir	University of Dhaka	Department of Theoretical Physics	Exploring leptoquark extensions of the standard model	54,000/-
51	590	Sumaiya Sultana Sayba	University of Dhaka	Statistics	A Comparison of Artificial Neural Network and Linear Discriminant Analysis for Predicting Heart Disease among the Adults of Bangladesh	54,000/-
52	1166	Sumaiya Binte Shahid	Jahangirnagar University	Institute of Information and Communication Technology	Automated Skin Cancer Diagnosis through Deep Learning-Based Classification.	54,000/-
53	1220	Most. Jarin Tabassum Tethe	Shahjalal University of Science and Technology	Oceanography	Characterization of Carbon stocks in salt marsh ecosystem in Salimpur Coast, Chattogram	54,000/-
54	938	Md. Zeesun-Ul Haque	University of Chittagong	Environmental Science	Assessment of carbon stocks, soil and vegetation characteristics in human induced degraded hill of Chattogram city area, Bangladesh	54,000/-
55	358	Rihana Parvin Nipa	University of Dhaka	Department of Environmental Science and Geography	Assessing the Impact of Microclimatic Variation on Urban Residential Environments in Bangladesh: A Study of Dhaka City	54,000/-
56	941	Samsun Naher	Noakhali Science and Technology University	Oceanography	An assessment of ocean acidification, seasonal variability, and trend analysis over the Eastern coast of Bangladesh	54,000/-
57	1163	Sanmim Sumaiya	Jahangirnagar University	Department of Physics	Role of vortex like electron distribution on the formation of nonlinear structures	54,000/-
58	1200	Ramisa Jahan Ummi	Jahangirnagar University		Assessment of Risks to Tropical Cyclone Using Remote sensing and GIS techniques: A study on Sundarban, Bangladesh	54,000/-
59	1275	Md Asadul Islam	University of Rajshahi	Materials Science and Engineering	Synthesis and Characterization of Metal ion-doped Magnetic Nanoparticles through Green Route conjugated with Biological Entities for Biomedical Applications.	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
60	120	Mohammad Imran Hossain	Shahjalal University of Science and Technology	Department of Chemistry	Synthesis of Mixed Metal Oxide Composites for Sensitive Electrochemical Detection of Phenolic Compounds in Food and Environment	54,000/-
61	703	Nelufa Aktar	Noakhali Science and Technology University	Statistics	Improved Stein-type Shrinkage Estimators for the High-dimensional Multivariate Normal Covariance Matrix with Application to Breast Cancer Data	54,000/-
62	100	Sadia Haque Sadi	University of Dhaka	Department of Oceanography	Remote Sensing and GIS Based Identification of Potential Fishing Zones in the Northern Bay of Bengal: A Blue Economy Initiative	54,000/-
63	168	Dibash Deb	University of Chittagong	Department of Oceanography	The Impact of Oceanic Processes for Cyclogenesis and Intensification of Tropical Cyclone Sitrang and its Impacts on Coastal Bangladesh: A Numerical Modeling Approach With WRF-ARW	54,000/-
64	398	Seam-Ur-Rahman Khan	Jagannath University	Department of Geography and Environment	Development of Urban Heat Risk Index for Dhaka South City Corporation (DSCC)	54,000/-
65	525	Anish Kumar Adhikary	Mawlana Bhashani Science and Technology University	Department of Mathematics	Applying the two variables expansion method to find exact soliton solutions of nonlinear evolution equations in various fields of mathematics.	54,000/-
66	888	Proloy Chandra Pal	University of Dhaka	Applied Mathematics	Natural convection of ternary hybrid nanofluid in a partitioned cavity.	54,000/-
67	1077	Sultana Rajia	University of Rajshahi	Department of Chemistry	Potential Drugs for the Treatment of COVID-19: Synthesis and Application	54,000/-
68	1259	Mst. Ainunnahar Khatun	Jahangirnagar University	Department of Physics	A comparative study of different properties of Transition Metals doped in small Tin clusters by using Density Functional Theory.	54,000/-
69	1295	Sabila Arobi	University of Dhaka	Department of Leather Engineering	Synthesis of Polyethersulfone-CeO <sub>2</sub> /GO Nanocomposite for the removal of chromium from tannery wastewater	54,000/-
70	1003	SUMAIYA CHOWDHURY	Begum Rokeya University, Rangpur	Statistics	Identification of Risk Factors of Hypertension among People in Rangpur, Bangladesh.	54,000/-
71	390	Intehum Taufique Aurnab	Bangladesh University of Professionals	Environmental Science	Monitoring and Assessment of the Occurrences and Pathways of Greenhouse Gases (GHGs) Emissions and Subsequent Health Impacts from the Surrounding Areas of Landfill Sites in Dhaka	54,000/-
72	177	Farjana Yasmin	Mawlana Bhashani Science and Technology University	Department of Chemistry	Adsorptive removal of toxic amaranth dye using water stable 2D metal-organic frameworks (MOFs)	54,000/-
73	1185	Md. Anayet Ullah	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Preparation of microcrystalline cellulose based hydrogel and its application on environmental remediation	54,000/-
74	1204	Swapnil Dhar	Shahjalal University of Science and Technology	Department of Environmental Science and Geography	Borderland Dynamics in the Kutupalong Rohingya Camp, Cox's Bazar: A multi-faceted investigation into Refugee Camps, Security Concerns, and Bilateral Relations.	54,000/-
75	1271	Shazneen Chowdhury	Khulna University of Engineering & Technology	Department of Leather Engineering	Fabrication & characterization of keratin-graphene oxide-collagen nanocomposite utilizing tannery solid waste as an adsorbent to remove dyes from real leather dyeing effluent	54,000/-
76	263	Mustafizur Rahman	University of Dhaka	Department of Leather Engineering	Sustainable Leather Processing: Investigating Swietenia Macrophylla Fruit Shell as an Eco-Friendly Tanning Material for Shoe Upper Leather Production	54,000/-
77	479	Selina Akhtar Shahanaz	Begum Rokeya University, Rangpur	Department of Physics	Systematic theoretical study of bulk and 2D structures of undoped and (Ag,Nb) doped WSe <sub>2</sub> for solar cell and optoelectronic applications	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
78	684	Taksina Kabir	Mawlana Bhashani Science and Technology University	Statistics	Potential Factors Selection, Classification and Prediction of Undernutrition of Children Less than Five Years Old Based on Bangladesh Demographic and Health Survey 2017-18 Applying Machine Learning Algorithm	54,000/-
79	1174	Md. Nabid Hashar	Shahjalal University of Science and Technology	Department of Oceanography	Assessment of Microplastic Contamination in the Southeastern Estuarine System of Bangladesh: Seasonal and Spatial Variability in the Water Column and Sediment	54,000/-
80	1300	Kobita Khatun	Jashore University of Science & Technology	Department of Environmental Sciences	Microplastics in Fish: Sources, Distribution and Pathway	54,000/-
81	1265	Nusrat sahariar hoque	University of Chittagong	Statistics	prevalence and correlates of institutional delivery and cesarean section delivery in Bangladesh: a cross sectional study	54,000/-
82	681	Jannatul Mafee	Mawlana Bhashani Science and Technology University	Department of Mathematics	Numerical study of mixed convection in a lid-driven skewed cavity with non-uniform thermal condition in presence of periodic magnetic field	54,000/-
83	981	Tazin Tamanna	Khulna University	Applied Mathematics	Computational modeling of radiative Williamson nano-fluid flow under the impression of periodic magnetic force	54,000/-
84	287	MD. Hasan Kibria	University of Dhaka	Department of Mathematics	Relationship between mean curvature, manifold, ambient space metric, and Willmore Energy	54,000/-
85	138	Nafia Mollik	University of Dhaka	Applied Mathematics	Numerical solutions of the parabolic partial differential equations using compact finite difference method	54,000/-
86	150	Sharmin Akter Liza	University of Dhaka	Department of Leather Engineering	Biochemical Extraction and Valorization of Tannery Solid Wastes: An Eco-Friendly Waste to Wealth Approach	54,000/-
87	565	Abu Jafar	Khulna University	Statistics	Determining Factors Affecting Non-Farm Income of the Household in Bangladesh Using Multilevel Modeling & Machine Learning Classification Approach: Evidence from 2016 HIES data.	54,000/-
88	668	Farzana Akter Fahima	Noakhali Science and Technology University	Statistics	Prevalence of depression, anxiety and stress among the university students of Bangladesh	54,000/-
89	1225	Urbana Jahan Rishat	Jahangirnagar University	Institute of Information and Communication Technology	Image-based Skin disease detection and classification using deep learning network.	54,000/-
90	328	Mst Zinia Afroz Liza	University of Rajshahi	Department of Mathematics	Persistent Homology of Some Approximated Witness Complex	54,000/-
91	388	PLABON ISLAM TURZO	University of Dhaka	Department of Leather Engineering	Isolation and utilization of proteolytic bacteria for chrome shaving waste management- a circular economy approach	54,000/-
92	37	Morshida	University of Chittagong	Department of Physics	Dosimetry of High energy Photon Beam with TLD, OSL and Ionization Chamber Methods Used for Treatment of Cancer Patients.	54,000/-
93	280	Md. Kawcher Alam	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Fabrication of bio-scaffold from nano-bioceramics for load-bearing application	54,000/-
94	653	Prithula Saha Prethwe	Comilla University	Department of Mathematics	Investigating Molecular Insights in Medical Raman Images through Matrix Decomposition Techniques..	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
95	402	Tahamina Akter	Mawlana Bhashani Science and Technology University	Department of Mathematics	Analysis and applications of boundary value problems using Caputo-fractional derivative	54,000/-
96	1065	Md. Jobayer Mia	Bangabandhu Sheikh Mujibur Rahman Maritime University, Bangladesh	Department of Naval Architecture & Marine Engineering	Simulation of Two-Phase Flow in Pipes: A Comparative Study of COMSOL Multiphysics and OpenFOAM	54,000/-
97	245	Noorjahan Akhter Nupur	University of Barishal	Department of Chemistry	Plastic Waste Management by the Development of Oxidatively Degradable Polymer	54,000/-
98	185	Utsha Kumar Roy	University of Dhaka	Department of Robotics and Mechatronics Engineering	Vision Based Robotic-to-Human Handover using Rein- forcement learning	54,000/-
99	682	Kabir Hossain	Noakhali Science and Technology University	Statistics	Nexus among Economic Growth, Energy Consumption and Carbon Dioxide (CO2) Emissions in the South Asian Association for Regional Cooperation (SAARC) Countries	54,000/-
100	1127	Neelima Monjusha Preeti	Jahangirnagar University	Department of Computer Science & Engineering	Detection of Brain Tumor from MRI Image under Deep Learning and Bag of Features Algorithm	54,000/-
101	1168	Rebeya Sultana	Khulna University	Department of Urban & Regional Planning	Geo-spatial discourses in rethinking of poverty for the development of 21st century: A critical reflections on different categories of slums in Khulna city	54,000/-
102	399	Afia Fahmida	Khulna University	Department of Chemistry	A novel azo-Schiff base ligand and corresponding metal complexes: Synthesis, Biological activity and chemosensitivity to the toxic heavy metals	54,000/-
103	615	Reham Bin Farid	University of Chittagong	Institute of Forestry and Environmental Sciences	Comparison of the status and management techniques of nurseries in urban and rural areas of Chittagong,Bangladesh	54,000/-
104	395	Shafayet Khan Shafee	University of Dhaka	Applied Statistics	Median Odds Ratio for Measuring Contextual Effects in Multilevel Logistic Model with Application to Data from Complex Survey	54,000/-
105	420	Reana Raen	Khulna University of Engineering & Technology	Department of Biomedical Engineering	In Silico Analysis and Structural Prediction of a Hypothetical Protein from Monkeypox Virus for the Development of New Drugs	54,000/-
106	1093	Md Alfaj Uddin Sarkar	Begum Rokeya University, Rangpur	Department of Mathematics	New Concepts of Connectedness in Fuzzy Soft Topological Spaces	54,000/-
107	223	Abida Sultana	Jagannath University	Department of Computer Science & Engineering	Electroencephalographic Multidimensional Features Based Human Emotion Recognition Using Deep Neural Networks Approach	54,000/-
108	440	Shova Pervin	Khulna University	Department of Chemistry	Development of functionalize bismuth nanoparticles for spectroscopic detection of Dopamine in biological fluids.	54,000/-
109	121	Md. Nadim Mahamud Nobin	Pabna University of Science and Technology	Department of Physics	Pressure induced superconductivity in topological Semi-Metals	54,000/-
110	292	Shawrat Jahan Sumi	University of Barishal	Department of Chemistry	SYNTHESIS AND CHARACTERIZATION OF OXIDATIVELY DEGRADABLE POLYUREA	54,000/-
111	477	Md. Niamul Islam Sium	University of Dhaka	Applied Statistics	A Comparative Study for Estimating Causal Effects using G-Methods	54,000/-

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112	335	Mst.Sathy Akter	Hajee Mohammad Danesh Science and Technology University	Department of Physics	Synthesis and Characterization of Hydroxyapatite, Graphene-Oxide and Cobalt Ferrite nanocomposite for biomedical application.	54,000/-
113	110	Md. Abadur Rahman	Shahjalal University of Science and Technology	Department of Mathematics	Numerical Simulation of Blood Flow Through Arterial Stenosis Incorporate to a Bypass Artery Over the Stenosed Zone.	54,000/-
114	131	Md. Tareque Rahaman	Mawlana Bhashani Science and Technology University	Department of Textile Engineering	Alternative Garments Dry Process onto the Performance of Denim	54,000/-
115	548	Omar Ibna Nazim	University of Dhaka	Department of Theoretical Physics	Simulating Open Quantum Systems and Investigating the Unruh Effect using Continuous Variable Quantum Computing	54,000/-
116	605	DIPU RAY	University of Dhaka	Applied Statistics	Bootstrapping in seamless phase I/II clinical trials	54,000/-
117	16	Mariam Akter	Comilla University	Institute of Information and Communication Technology	Attention Mechanisms With a Deep Neural Networks Based Spam Email Filtering With NLP Transformers And Machine Learning	54,000/-
118	216	Nubahus Subah Chowdhury	University of Dhaka	Department of Geology	Identification of Arsenic-safe Freshwater Zones in Aquifers of Gopalganj Sadar Upazila through Geophysical and Hydrogeological Investigations	54,000/-
119	507	Salma jahan	Noakhali Science and Technology University	Applied Mathematics	Analysis of Boundary Layer Flow and MHD of Nanofluids over a Vertical Stretching Cylinder	54,000/-
120	593	Most. FatimatuZZohora	University of Rajshahi	Department of Physics	Synthesis and characterization of A <sub>2</sub> CoNbO <sub>6</sub> (A=Ca, Ba, Sr) double perovskites by solid state reaction method and DFT evaluation	54,000/-
121	1083	MD SHAHIDUL ISLAM	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Evaluation of heavy metals in soil, sediment, aquatic animals and plants collected from Coastal area of Satkhira and their possible health risk assessment	54,000/-
122	1101	Ishrar Tahmin Anika	University of Dhaka	Institute of Disaster Management	Climate Displacement in Cox's Bazar of Bangladesh A Mixed-method Approach to Explore Prospects and Challenges to Achieve Sustainable Climate Adaptation	54,000/-
123	1000	Most. Sumaiya Akter	Jahangirnagar University	Department of Mathematics	Simulation and Analysis of Bifurcating Flow Dynamics in the Human Lung Airways	54,000/-
124	207	Mimi Mondal	Khulna University	Department of Physics	Effects of the compositional ratio distribution with sequential sputtering temperatures in the photo absorber layer of CIGSs solar cells	54,000/-
125	508	Sraboni Sarkar	University of Dhaka	Department of Electrical and Electronics Engineering	To Improve The Performance of Waste Li based Energy Cells With Anode Precursors Included Activated Carbon and Sn-based MOF	54,000/-
126	738	Makchud Alam Mohim	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	Characterization and Comparison of Size of Cellulose nanocrystals (CNCs) Synthesized from Various Rice Straw Cultivars	54,000/-
127	526	Tayeba Tahsin Nawar	University of Dhaka	Department of Geography and Environment	Vegetation Cover Change in Madhupur Sal Forest and Measuring Carbon Sequestration for Climate Change Mitigation in Bangladesh	54,000/-
128	472	Umme Habiba	Bangladesh University of Engineering and Technology (BUET)	Department of Mathematics	CONVECTIVE FLOW OF N-DECANE BASED NANOFLUID INSIDE A LID DRIVEN ENCLOSURE HAVING RECTANGULAR HEAT SOURCE UNDER THE EFFECT OF THERMAL RADIATION AND MAGNETIC FIELD	54,000/-
129	349	Md. Al-Imran	University of Rajshahi	Department of Mathematics	Construction of Efficient Simplicial Complexes to Study Shape of Data	54,000/-



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130	541	Md. Mahfuz Uddin	University of Rajshahi	Statistics	Model-Based Clustering in Data Science: An Application of the Expectation-Maximization (EM) Algorithm.	54,000/-
131	379	Sharif Mia	Jagannath University	Department of Physics	Modeling a clinical PET- System using the Monte Carlo GATE Code	54,000/-
132	868	A. Hamid Khan Vasani	University of Dhaka	Department of Oceanography	Comparison of Spatial Variation in Phytoplankton Species Composition, Abundance, and Diversity during Post Monsoon among Channels of Sundarbans .	54,000/-
133	711	Bitu Joydhar	Jahangirnagar University	Department of Mathematics	Traffic flow simulation by using fluid dynamic mass and momentum equation model's	54,000/-
134	1096	Asraf Ullah Rahat	Jahangirnagar University	Department of Computer Science & Engineering	Enhancing the use of punctuation marks in multi-lingual text with deep transformers	54,000/-
135	631	Md. Ariful Islam	Comilla University	Department of Physics	Synthesis of Co (Cobalt) and Sn (Tin) co-doped Cupric oxide (CuO) thin films for solar cell absorber layer to enhance high solar cell efficiency.	54,000/-
136	497	Mst. Nusrat Jahan	Khulna University	Department of Chemistry	Study on the Catalytic and Magnetic Behavior of Rare-Earth Metal Dopped Spinel Ferrite Composite	54,000/-
137	589	Jahid Hossain Bhuiyan	Comilla University	Department of Physics	SYNTHESIS AND CHARACTERIZATION OF LANTHANUM AND CERIUM CO-DOPED BISMUTH CHROMIUM FERRITE.	54,000/-
138	745	Anika Tabassum	University of Dhaka	Disaster Science and Climate Resilience	Adaptation and Mitigation Measures for Present Urban Heat Islands Effect Reduction in Greater Dhaka City	54,000/-
139	771	Nasrin Sultana	Bangladesh University of Engineering and Technology (BUET)	Department of Chemistry	Mechanically Strong and Fast Self-Healing Hydrogel with Heavy Metal Removal Capacity	54,000/-
140	790	Azka Touhida Daiby	University of Dhaka	Disaster Science and Climate Resilience	Assessing PM <sub>2.5</sub> Abundance and Associated Health Impacts in Bangladesh: A Comprehensive Study	54,000/-
141	844	MD AMINUL HAQUE CHOWDHURY	University of Dhaka	Department of Electrical and Electronics Engineering	Density Functional Theory and Ab Initio Molecular Dynamics Study of Superlattice Interfaces in Phase Change Memory Devices	54,000/-
142	244	Tara Rani Sarkar	Hajee Mohammad Danesh Science and Technology University	Department of Mathematics	The study of a nonlinear model relating to plasma physics by adopting a competent technique	54,000/-
143	848	Sultana Jahan	Khulna University	Environmental Science	The nexus of microplastic in agriculture: Investigating the efficacy of AC in minimizing the impact on selected vegetables	54,000/-
144	225	Anwesha Das	University of Chittagong	Department of Mathematics	A New Algorithm for Solving Transportation Problem	54,000/-
145	259	Md. Toriqul Islam	University of Barishal	Department of Mathematics	Numerical Approximation of Hyperbolic Differential Equation by Using Discontinuous Galerkin Method.	54,000/-
146	618	Sarathy Datta	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Investigating the Presence and Abundance of Microplastics in Urban Aerosol of Dhaka.	54,000/-
147	783	Jahid Hassan	University of Rajshahi	Department of Physics	Ab-initio study of the physical properties of some MAIB (M = Nb, Ta, Mo) MAB compounds	54,000/-
148	862	Ashikur Rahman	Jahangirnagar University	Statistics	Seasonal adjustment with trend estimation by smoothing technique	54,000/-

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149	946	Saptarshi Paul	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Graphene oxide loaded Metal-azolate Framework (GO@MAF-6) for the removal of heavy metal and organics from water: A Sustainable Approach for Water Remediation	54,000/-
150	286	Imi Bintey Fariha Rahman	University of Dhaka	Department of Electrical and Electronics Engineering	PMU-based wide area monitoring ,protection and control for early fault detection	54,000/-
151	463	Fahima Jahan Tisha	University of Dhaka	Department of Environmental Science and Geography	Spatial Distribution of Floating Debris in Rivers of Bangladesh- A Comparative Study between Urban and Rural Rivers.	54,000/-
152	696	Farzana Ferdous Faria	Bangladesh University of Professionals	Environmental Science	Water Quality Index, Trophic State Index and Trophic Level Index in Gulshan, Dhanmondi and Banani Lakes, Dhaka, Bangladesh	54,000/-
153	1250	Tirtha Paul	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Zwitterion-coated nanocomposite membrane having anti-fouling and industrial dye removal properties by using the non-solvent phase separation (NIPS) technique	54,000/-
154	340	BORHAN UDDIN	University of Dhaka	Statistics	The Determinants of Under Five Child Mortality Per Mother in Bangladesh: Dealing with Sparse Count Data	54,000/-
155	421	Aleya Akter	Hajee Mohammad Danesh Science and Technology University	Department of Chemistry	Investigation of the Biological activity of some common spices:Garlic( <i>Allium sativum</i> ),Ginger( <i>Zingiber officinale</i> Roscoe) and Onion( <i>Allium cepa</i> ).	54,000/-
156	401	Md. Abdullah Al Mamun	University of Rajshahi	Department of Mathematics	Enhancing Storm Surge Prediction Using the Method of Lines with Explicit Finite Difference Method	54,000/-
157	628	Md. Riyad Sarker	Mawlana Bhashani Science and Technology University	Department of Chemistry	Synthesis and characterization of polymer composites composed of chitosan and ZnO nanoparticle : Biodegradation study	54,000/-
158	661	MD.OMAR FARUK RUBEL	University of Rajshahi	Statistics	Environmental studies of Global warming : Cause and Mitigation	54,000/-
159	271	Syed Shovon Mahbub Mahin	University of Dhaka	Department of Physics	An ab initio approach to study the structural,mechanical,electronic and optical properties of topological insulators ZrTe5 and HfTe5	54,000/-
160	919	Shahanaz Islam Shaown	Jagannath University	Department of Computer Science & Engineering	Mental health state recognition of women in Bangladesh through sentiment analysis by fine-tuned LLM(BERT)	54,000/-
161	300	MD. KAMRUL HASAN	Jahangirnagar University	Statistics	A Hybrid Algorithm for Developing Flood Risk Index in Jamuna Basin Districts of Bangladesh.	54,000/-
162	1125	Nasrin Akter	Noakhali Science and Technology University	Department of Computer Science & Engineering	Performance analysis of machine learning technique in reconstructing financial network	54,000/-
163	657	Abdul Mazed	Shahjalal University of Science and Technology	Statistics	Volatility Forecasting Based on Hybrid GARCH-Artificial Neural Network Models: Evidence from Dhaka Stock Exchange Market.	54,000/-
164	707	Sumaiya Tasnim	Shahjalal University of Science and Technology	Statistics	Maternal and Newborn Child Health Care Indicators in Bangladesh : Trend, Patterns and Determinants	54,000/-
165	1124	Arpita Hossain Mukta	University of Dhaka	Department of Soil Science	Impact of conventional and organic farming on potato yield, metabolic profiling and soil quality	54,000/-

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166	1312	TANGIMA AKTER	Mawlana Bhashani Science and Technology University	Department of Mathematics	Mathematical Analysis for a single species and Predator- Prey system in a polluted environment.	54,000/-
167	408	Raihan Riaz	Jagannath University	Department of Geography and Environment	Measuring Household Resilience to Landslide Hazard: A Comparative Study in Rangamati Hill District, Bangladesh	54,000/-
168	468	Md Safayet Hossain	Comilla University	Statistics	A thesis on Impact of Development Indicators and Economic Indicators on Economic Performance, a Systematic Meta-Analysis	54,000/-
169	331	Nazia Tasnim	University of Dhaka	Statistics	The Impact of Remittances on The Economic Growth of Bangladesh: An Econometric Analysis	54,000/-
170	1099	Faiza Feroz	Jahangirnagar University	Department of Computer Science & Engineering	Electronic Distributed Health Record Access and Permission Management using Blockchain	54,000/-
171	443	Rukya Akter	Khulna University	Department of Physics	Measurement of Patient Dose and Associated Cancer Risk in Diagnostic Digital Radiography and Computed Tomography (CT) Procedure	54,000/-
172	55	Naiem Sheikh	Jahangirnagar University	Department of Environmental Science and Geography	Utilizing Village Data and Ranking of Districts of Bangladesh Based on Nighttime Remote Sensing to Model Population Density and Track the Regional Disparity for Sustainable Development	54,000/-
173	226	Nabil Ahmed Uthso	University of Dhaka	Applied Statistics	Machine Learning Methods in Dynamic Prediction Under Mixed Model Landmarking Framework	54,000/-
174	372	Ommay Hany Ria	Mawlana Bhashani Science and Technology University	Environmental Science	Determination of the potentiality of moringa oliefera for purifying the polluted water	54,000/-
175	416	MST.ATIATUZ ZAHAN	University of Dhaka	Statistics	Zero-Truncated Poisson Regression Model with Random Effects for The Number of Children Ever Born per Woman in Bangladesh	54,000/-
176	1241	Jannatul Ferdaws Amrin	Jahangirnagar University	Department of Computer Science & Engineering	Deep Learning based English to Bengali Neural Machine Translation for Visually Impaired Individuals	54,000/-
177	1209	Bayazid Bustami	Jashore University of Science & Technology	Industrial & Production Engineering (IPE)	Controlled synthesis and characterization of Graphitic carbon nitride (gC3N4) for photocatalytic degradation of dyes	54,000/-
178	200	Mohaiminul Islam Nayeem	Khulna University	Department of Physics	Optimization of Soft X-ray Emission from Plasma Focus Device Using Lee Code	54,000/-
179	934	Mahfuzur Rahman Sohag	Hajee Mohammad Danesh Science and Technology University	Department of Physics	CTDI Volume Measurement of CT Simulation and CT Effective Dose Calculation for Cervix	54,000/-
180	64	IFFAT JAHAN SHAMMEE	University of Dhaka	Disaster Science and Climate Resilience	Modelling Managed Aquifer Recharge Using ModelMuse for Sustainable Water Management in Dhaka City, Bangladesh	54,000/-
181	1214	Israt Jahan Munny	Jahangirnagar University	Department of Computer Science & Engineering	Fruit Disease Recognition Based on Computer Vision and Grading the Severity of Diseases Using Fuzzy Logic with Extensive Dataset.	54,000/-
182	1264	S.M Hasibul Hassan Rizvee	Jahangirnagar University	Department of Physics	A DFT Study of Fabricated Twisted Bilayer 2D Nanomaterial Properties of Twistronics And Apply As Other Molecular Acceptor	54,000/-
183	1052	Md. Atikur Rahman	University of Barishal	Department of Physics	Simulation and Quantitative Analysis of Molecular Transport through Multiple Nanopores in an Electroporated Multivesicular Vesicle	54,000/-
184	143	Adrita Anwar	University of Dhaka	Department of Electrical and Electronics Engineering	Generation of Optimized Dataset for Implementing Deep Learning Enabled Models for Designing Metalens	54,000/-

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185	1004	Md.Shadman Sakib Efaz	Hajee Mohammad Danesh Science and Technology University	Department of Physics	Assessment of radioactivity around radiological lab and hospitals in Dinajpur Sadar, Bangladesh	54,000/-
186	717	Md. Sondhi Sheikh	University of Dhaka	Applied Mathematics	Mixed convective flow of particle deposition over inclined porous surface with internal heat and mass generation	54,000/-
187	891	Anowara khatun	Jashore University of Science & Technology	Department of Chemical Engineering	MXene based nonstructural composite for Oxygen evolution electrocatalysis in acidic medium.	54,000/-
188	1116	Jehad Mohammed Haque	University of Dhaka	DEPARTMENT OF NUCLEAR ENGINEERING	Assessment of the impact of non-polygonal rib shapes on fluid flow and heat transfer performances of turbulent water flow in narrow cooling channels	54,000/-
189	1080	Mahir Anonyo Mahmud	University of Dhaka	Department of Disaster Science and Management	Effect of Climate change on Pre-Monsoon Severe Thunderstorms in Dhaka City	54,000/-
190	322	Md. Razu Kobiraj	University of Rajshahi	Statistics	E-cigarette use in Bangladesh and its correlates	54,000/-
191	466	Md. Sohag Shikder	University of Barishal	Department of Geology and Mining	Statistical Downscale Modeling of Precipitation and Temperature for Climate Change Impact Assessment in South-Central Bangladesh	54,000/-
192	1190	Malecha Kaikaus	Jahangirnagar University	Institute of Information and Communication Technology	Privacy-Preserving Seizure Detection in Neonates: Federated CNN-EEG Approach	54,000/-
193	584	Md. Moynul Islam	University of Dhaka	Department of Mathematics	Extensions and application of Uncapacitated Facility Location Problem in real life under stochastic environment.	54,000/-
194	873	Susmita Rani Dey	Khulna University	Statistics	Factors Associated with the Mother's Age at First Birth in Bangladesh: Application of Multilevel Analysis and Machine Learning Classification Approach.	54,000/-
195	306	Samsun Nahar Shanta	Patuakhali Science and Technology University	Department of Environmental Sciences	Impact of Climate Change on Livelihood of Buffalo Farmers in Devir Char, Bhola	54,000/-
196	217	Md. Iqbal Hossain	Jahangirnagar University	Department of Chemistry	Chemical Investigation on the Stem and Seed of the Medicinal Plant Jatropha Curcas.	54,000/-
197	76	Paromita Kundu	Bangladesh University of Engineering and Technology (BUET)	Department of Biomedical Engineering	Development of Gait Analysis Facility and Computer-Aided Neurodegenerative Diseases Classification	54,000/-
198	145	Maher Afroz	Jahangirnagar University	Statistics	Sample Size and Power Estimation: A Review Work	54,000/-
199	1151	Md Majedul Shah	University of Rajshahi	Department of Chemistry	Synthesis of Polycaprolactone-Silk Sericin Nanocomposite and Study of Its Drug Release Behavior	54,000/-
200	1237	Rubaiya Reza Sohana	Jahangirnagar University	Department of Computer Science & Engineering	Automated Red and White Blood Cell Counting from Blood Smear Images using Machine Learning	54,000/-
201	897	Md. Naimul Islam Bhuiyan	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	" Solar Drying Techniques for Extending Shelf Life and Maximizing Nutritional Quality of Tomatoes : A Post-Harvest Preservation Approach."	54,000/-
202	524	AKHIAMIN	Hajee Mohammad Danesh Science and Technology University	Department of Mathematics	Study of soliton solutions of the resonant nonlinear Schrodinger equation connecting to conformable fractional derivative	54,000/-

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203	285	Kazi Sazada Yesmin	University of Chittagong	Department of Mathematics	Solutions of linear and non-linear parabolic equations using variational iteration method.	54,000/-
204	1035	Md. Hasebul Hasan Niloy	University of Dhaka	DEPARTMENT OF NUCLEAR ENGINEERING	Enhancing Neutronic Performance: A Comparative Study of Reflectors in Radially and Axially Heterogeneous Cores for ABR-1000 Sodium Cooled Fast Reactor	54,000/-
205	196	Iftexhar Alam	University of Chittagong	Environmental Science	Assessment of water resource dynamics of Chittagong City using numerical modeling and machine learning approach	54,000/-
206	14	Saba Siddika	Comilla University	Information and Communication Technology	Improved Spray and Focus Routing Protocol Based On Prophet Approach in Delay Tolerant Network	54,000/-
207	503	Torikul Islam	University of Dhaka	Applied Mathematics	Deep Neural Network (DNN) approach on Hybrid nanofluid flow through conical gap between rotating disk and cone system	54,000/-
208	774	Most. Hosne Ara	Hajee Mohammad Danesh Science and Technology University	Statistics	Factors Influencing Time to First Birth Using Machine Learning Approaches in Survival Analysis	54,000/-
209	1302	Md Asif	Bangladesh University of Engineering and Technology (BUET)	Department of Mathematics	EXPLICIT SOLITON SOLUTION TO THE (2+1)-DIMENSIONAL KdV MODEL	54,000/-
210	1156	Yasmin Akter	University of Chittagong	Institute of Forestry and Environmental Sciences	Measuring Carbon Stock and Developing Allometric Model for Six Forest Tree Species	54,000/-
211	1025	Abdullah Yebna Ahammed	University of Dhaka	Department of Oceanography	Seasonal Variation of Microplastics and its impact on the Coastal Water of Pasur River, Sundarban, Bangladesh.	54,000/-
212	198	Mahmud Hasan	University of Dhaka	Applied Mathematics	Numerical solution of wave equations using Galerkin-Compact Finite Difference Method	54,000/-
213	57	Samia Yeasmin	University of Dhaka	Department of Electrical and Electronics Engineering	Integrating Nanotechnology and Automation for Sustainable Agriculture: A Case Study in Bangladesh's Farming Practices	54,000/-
214	617	Shuvo Kumar Paul	University of Rajshahi	Department of Physics	Preparation and Characterization of AVO <sub>3</sub> (A=Cs) Thin films and its DFT insights	54,000/-
215	1056	Fozilatun Nesa	Jahangirnagar University	Statistics	Investigating the Effects of environmental indicators on the Well-being, Health, and academic performance of Students in Bangladesh	54,000/-
216	61	Mominul Islam	University of Rajshahi	Applied Mathematics	A study on the fractional covid-19 model and parameter analysis	54,000/-
217	74	shaifulislamarafat@gmail.com	University of Dhaka	Department of Mathematics	Employing Deep Learning for Epidemiology and Strategies to Prevent Infectious Disease	54,000/-
218	124	Nazia Shifa Mugdha	University of Dhaka	Applied Mathematics	Traversable Wormhole Solutions in f(R,T) Gravity.	54,000/-
219	243	TASMIRA HAMID	Bangabandhu Sheikh Mujibur Rahman Maritime University, Bangladesh	Oceanography and Hydrography	Occurrence, Spatial Distribution and Environmental Risk Assessment of Microplastics in the Sediment of Kuakata Sea Beach	54,000/-
220	1221	Sangeeta Kundu	Jahangirnagar University	Department of Physics	Synthesis, Structural and Magnetic Characterization of CuxMn1-xFe2O4(x=0, 0.1..... 1) Ferrites	54,000/-
221	1235	Anindita Adri	University of Dhaka	DEPARTMENT OF NUCLEAR ENGINEERING	Comparative Numerical Investigation of Flow Characteristics of Superheated Steam through a 90-Degree, 120 Degree and 135 Degree Bend Elbow using Ansys Fluent and CFX	54,000/-
222	134	Mahfuja Khandaker	University of Dhaka	Department of Disaster Science and Climate Resilience	Seismic Site Response Analysis for Soft Sedimentary Deposits of Sylhet City	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
223	496	Md. Mehedi Hasan	University of Chittagong	Department of Oceanography	Coastal carbon stock assessment along with its economic potentials for Bangladesh based on InVEST and CA-Markov models	54,000/-
224	538	Muftia Masrakin Mony	University of Dhaka	Leather Products Engineering	Synthesis of Chromic oxide nanoparticles from chrome sludge and its application in leather processing	54,000/-
225	566	Afiya Mubasharah	Bangladesh University of Engineering and Technology (BUET)	Department of Biomedical Engineering	Development of chitosan nanoparticles using different gums with improved functional properties for drug delivery in conjunctivitis treatment	54,000/-
226	694	Manisha Rani Roy	University of Chittagong	Department of Chemistry	Syntheses, characterization and biomedical studies of some vanadium complexes of N-pendent cyanoethyl derivative of an isomeric tetraazamacrocyclic ligand.	54,000/-
227	1255	Farzana Haque Koli	Jahangirnagar University	Department of Physics	Investigation on structural, electronic and optical properties of perovskite material using Density Functional Theory	54,000/-
228	336	Ajoy Rjbongshi	University of Dhaka	Statistics	Machine Learning Algorithms for Predicting Acute Respiratory Infection among Under-Five Children in Bangladesh	54,000/-
229	148	Md. Syeedul Islam	Mawlana Bhashani Science and Technology University	Department of Mathematics	Optical soliton solutions to some complex equations via analytical expansion method	54,000/-
230	269	Omeo Kumar Ghosh	University of Dhaka	Department of Chemistry	Phytochemical Characterization and Biological Activity Evaluation of	54,000/-
231	1058	KAKOLI RANI	Begum Rokeya University, Rangpur	Statistics	Comparative study of supervised methods for single cell transcriptome data analysis	54,000/-
232	450	Md. Masiur Rahaman	Jahangirnagar University	Department of Chemistry	Adsorption of Ciprofloxacin onto Chitosan from Aqueous Solution: Kinetic, Equilibrium and Thermodynamic studies.	54,000/-
233	366	Nandita Scholastica Costa	University of Dhaka	Statistics	Forecasting Dengue New Cases Using Autoregressive Distributed Lag (ARDL) Model in Bangladesh	54,000/-
234	825	SADIA FARJANA	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	Ophiorrhiza mungos mediated synthesis of silver Nanoparticles (AgNPs) for Anti-inflammatory and Anticancer Application	54,000/-
235	854	Laboni Akter	University of Dhaka	Statistics	Impact of Remittance on Choosing Household's Cooking Fuel: Evidence from Bangladesh Household Survey	54,000/-
236	991	MD SHAKIL RANA	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Fabrication and characterization of B-doped Al <sub>2</sub> O <sub>3</sub> /ZnO nanocomposite for sunlight driven photocatalytic degradation of toxic textile dye.	54,000/-
237	1183	Sabrina Akter Priya	Jahangirnagar University	Department of Physics	Ab Initio Analysis of the Structural, Vibrational, Thermodynamic and Optical Behaviour of Janus WSeTe Bilayer.	54,000/-
238	1258	Moon Dey	Jahangirnagar University	Department of Physics	An Investigation on the Relative Change of Chemicophysical Properties of Al <sub>20</sub> N <sub>20</sub> and B <sub>20</sub> N <sub>20</sub> Clusters/Nanocages Doped with Platinum (Pt) and Gold (Au) Compare to Lower Dimension Nanoclusters/Nanocages as Well as Their Interactions to Anticancer Drugs	54,000/-
239	44	Nusrat Jahan	Jahangirnagar University	Geography and Environment	Geospatial Technologies Implication to Assess the Coastal Erosional Hazard and Vulnerability for Coastal Region of Bangladesh Accounting to Achieve SDG's Goal: A Plot Level Study at Barishal Division	54,000/-
240	418	Md. Tusharuzzaman Tushar	Islamic University, Kusthia	Statistics	A new Inverse Weibull-X family of distributions: theory, properties and applications	54,000/-
241	458	Erfanul Haque Chowdhury Albin	University of Dhaka	Oceanography	The Production of Renewable Energy from the Salinity Gradient of Oceanwater and Its Implications at Saint Martin's Island.	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
242	1014	Md. Rubel Hossen	University of Chittagong	Department of Chemistry	Studies on Thermodynamics and Transport Properties of Some Organic Binary Liquid Mixtures	54,000/-
243	1318	Hasibur Rahaman Santo	Khulna University of Engineering & Technology	Leather Engineering	Preparation of nano-ZnO@rGO/epoxy resin nanocomposite as Leather finishing agents	54,000/-
244	22	Most. Salmazahan Lovly		Department of Physics	Investigation of elastic, electronic, optical, and thermoelectric properties of K <sub>2</sub> SeCl <sub>6</sub> double perovskite materials under uniform pressure	54,000/-
245	112	Mst. Jannatul Mawoa Misu	University of Dhaka	Department of Leather Engineering	Applications of Extracted Natural Dyes on Leather Using Different Natural Mordants	54,000/-
246	581	Farida Yesmin	University of Dhaka	Applied Mathematics	Cardiac Simulation on Myocardial Infection Through Hemodynamic Approach	54,000/-
247	609	Shahinoor Jamal Muna	Noakhali Science and Technology University	Statistics	Trend and Forecast of Rainfall over Bangladesh During 1901-2015: A SARIMA Model Approach.	54,000/-
248	667	Jakiya Afrana Oishee	University of Dhaka	Department of Mathematics	Dynamic Stochastic Adaptive Bio Economic Model of Red Tilapia Aquaculture	54,000/-
249	933	Md. Nishad Sharkar	Hajee Mohammad Danesh Science and Technology University	Department of Physics	Synthesis and characterization of zinc supported Hydroxyapatite and nickel ferrite nanocomposite for remarkable catalytic degradation.	54,000/-
250	1189	Farhana Parvin Bristy	Jahangirnagar University	Department of Physics	Nucleus-acoustic and self-gravito-acoustic waves in degenerate quantum plasma systems	54,000/-
251	126	Jeba sultana	Noakhali Science and Technology University	Applied Mathematics	Enhancement of heat transfer coefficient inside microchannels with nanofluids.	54,000/-
252	699	Mohammad Amran	University of Chittagong	Department of Chemistry	L-rhamnopyrnnoside Esters: Synthesis, Characterization, PASS, Thermodynamic and Molecular Docking Studies	54,000/-
253	77	Md. Abu Hasnat	Begum Rokeya University, Rangpur	Department of Chemistry	Assessment and GIS based analysis of Physiochemical Parameters and heavy metals in Surface Water of Rangpur city: A Case Study of Shamasundori Canal.	54,000/-
254	726	Rifat-Ara Neera	University of Dhaka	Oceanography	Heavy Metal Contamination and Risks Assessment at Karnaphuli River along the Bay of Bengal.	54,000/-
255	689	Susmita Begum	Noakhali Science and Technology University	Statistics	Socio-economic, Demographic and Cultural Factors Influencing Child Social Development in Bangladesh.	54,000/-
256	917	Jannatun Ferdousi	Hajee Mohammad Danesh Science and Technology University	Statistics	Evaluating the Time-Dependent Prognostic Accuracy for the Time Varying Biomarker in the Context of Survival Outcome	54,000/-
257	274	Md. Asrafur Islam	University of Rajshahi	Department of Geology and Mining	Paleo-environment of Deposition of the Pleistocene Sediments, Barind Tract, North-Western of Bangladesh	54,000/-
258	894	Md. Tawfiq Anik	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Preparation of succinyl isoniazid-modified silica for the adsorption of dyes and heavy metals from aqueous solutions.	54,000/-
259	1145	MST.TAMANNA AFROJ	Jahangirnagar University	Department of Environmental Science and Geography	Student's Perception of Nature-Based Knowledge learning in Primary Level	54,000/-

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260	295	Mahmuda Rahman Deeba	University of Dhaka	Statistics	Consumer Satisfaction & Risk Perception towards E-Commerce in Bangladesh: Binary Logistic Regression & Kano Model Approach	54,000/-
261	1010	Md. Enamul Haque	University of Rajshahi	Department of Physics	Pressure dependent DFT investigation of the physical properties of La <sub>3</sub> Ni <sub>2</sub> O <sub>7</sub> : a possible high -T <sub>c</sub> superconductor	54,000/-
262	219	Mst. Farjana Khatun	University of Barishal	Department of Chemistry	Preparation and Characterization of ZnO Nanoparticles; Their uses as an Adsorbent and Photocatalyst with Thermodynamic, Kinetic and Antibacterial Study	54,000/-
263	98	Tamanna Islam	University of Rajshahi	Applied Mathematics	A study on exact solution and analysis of complex nonlinear fractional evolution equations using the extended method	54,000/-
264	596	Sangjukta Yesmin	Bangladesh University of Engineering and Technology (BUET)	Department of Chemistry	Fabrication of Co-doped CdS/CdSe Quantum Dot Sensitized Solar Cell	54,000/-
265	241	Ashikur Rahman	Jahangirnagar University	Department of Chemistry	Chemical Investigation on the stem and root of the Medicinal Plant Cassia Sophera Linn.	54,000/-
266	509	Md Miraj Hossain	University of Rajshahi	Department of Chemistry	Synthesis of Polyacrylate based Block Copolymer and Iron Oxide Nano-composite by Atom Transfer Radical Polymerization and Study of Its Biomedical Impacts	54,000/-
267	394	MD. JUBAYAR ALAM RAFI	Noakhali Science and Technology University	Department of Computer Science & Engineering	Predicting Student Engagement in Collaborative Learning using Computer Vision: In the Perspective of Bangladesh	54,000/-
268	550	Rafia Jannet Antora	Khulna University	Department of Chemistry	One-pot green synthesis of Reduced Graphene Oxide-Silver Nanoparticle (rGO/Ag NPs) and its Application in wastewater	54,000/-
269	763	Mukta Aktar Setu	University of Rajshahi	Statistics	Groundwater Depletion and its Sustainable Management in Northwest Bangladesh	54,000/-
270	413	DIBA TASNIM	Jahangirnagar University	Department of Geography and Environment	The Pattern of Vulnerability in the Coastal Belt of Bangladesh: An Analysis with Cyclone Exposure	54,000/-
271	600	MD Jalal Ahmed	University of Chittagong	Institute of Forestry and Environmental Sciences	Current Management Technique, Cost Involvement and Marketing Channel of Nursery in Chittagong City Corporation Area, Bangladesh	54,000/-
272	412	Taslima Akter	Jahangirnagar University	Statistics	Study and appraise the malnourishment of Women and Children in Bangladesh using the machine learning approach.	54,000/-
273	108	Nusrat Jahan Tamanna	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Easy and facile removal of CO <sub>2</sub> using inorganic material.	54,000/-
274	486	Sourav Deb	Noakhali Science and Technology University	Applied Mathematics	Nucleate Boiling Heat Transfer by Nanofluids	54,000/-
275	749	Chaity Saha	Khulna University	Environmental Science	Phytoremediation of Heavy Metal Contaminated Soils Using Canna indica L.	54,000/-
276	795	Riyadh Hossain	Noakhali Science and Technology University	Statistics	Socio-economic, demographic and cultural determinants of children's physical health development in Bangladesh.	54,000/-
277	1155	Fatema Jannat Dihan	Noakhali Science and Technology University	Information and Communication Engineering	MpoxFinder: A Deep Convolutional Neural Network Approach for the Monkeypox Lesion Detection	54,000/-
278	1215	Fatama Jannat Tisha	Jahangirnagar University	Department of Computer Science & Engineering	Leaf Image-Based Plant Diseases Classification Using Deep Transfer Learning	54,000/-
279	4	Faisal Ahmed	University of Barishal	Department of Geology and Mining	Assessing the Current and Projected Environmental Quality Degradation on Saint Martin's Island, Bangladesh: Insights for Sustainable Conservation and Planning	54,000/-



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280	632	Taspia Alam	University of Chittagong	Department of Chemistry	Synthesis, characterization, computational studies and biological applications of transition metal complexes of new Schiff base.	54,000/-
281	42	Nahian Tasnim	Rajshahi University of Engineering & Technology	Department of Electrical and Electronics Engineering	Photonic Crystal Fiber Based Plasmonic Biosensor	54,000/-
282	103	Chaity ghosh	University of Rajshahi	Department of Electrical and Electronics Engineering	Possibility of Textile Dye Removal by Silica-based Composites Synthesised From the River Sand Using a Green Physicochemical Route.	54,000/-
283	227	Israt Jahan	Noakhali Science and Technology University	Applied Mathematics	Uniting the Power of RNNs and NNSE Encryption Algorithm: A Hybrid Approach.	54,000/-
284	426	Hasibul Hasan	University of Dhaka	Oceanography	The Role of the Ocean in Modulating Climate Change in Bangladesh: An Analysis of Ocean-Atmosphere Interactions and Impacts on Sundarban Communities.	54,000/-
285	741	Md. A. Salam	University of Rajshahi	Statistics	The Role of Machine Learning in Big Data Analytics Achieving Sustainable Development Goals (SDGs)	54,000/-
286	804	Shamima Akter	Jahangirnagar University	Department of Mathematics	Metapopulation Modeling and Analysis of the Effect of Gene Flow in Crop Hybridization	54,000/-
287	962	MOST. SABIHA ISLAM	University of Rajshahi	Department of Chemistry	Synthesis and characterization of polydopamine coated cobalt nanocomposite particles for biomedical application	54,000/-
288	1130	Shadman Shaheen Moyoem	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Development of Graphene Oxide-Spinel Ferrite Nanocomposites and Their Potential Applications	54,000/-
289	1216	Tasmim Sultana	Jahangirnagar University	Department of Computer Science & Engineering	Sentiment Analysis of Customer Reviews Using Natural Language Processing(NLP) and Deep Learning	54,000/-
290	578	MST. FARZINA AKTER	Jahangirnagar University	Department of Chemistry	Interaction of sodium alginate with dodecyltrimethylammonium bromide: an investigation of the impacts of additives and temperature on the physico- chemical parameters.	54,000/-
291	78	Md Ahad Khan	University of Barishal	Department of Chemistry	Synthesis and Characterization of Highly Functionalized Pyroglutamates via Tetramate Derivative of Serine	54,000/-
292	494	Nasrin Sultana	Comilla University	Department of Mathematics	Interactions of Magnetohydrodynamics and Ferrohydrodynamics on Biomagnetic fluid flow containing magnetic particles through cylindrical surface with variable physical aspects	54,000/-
293	556	Sonia Akhter	University of Chittagong	Department of Chemistry	Thymidine Derivatives as Drugs for Pharmaceutical Uses:synthesis, biological and Computational Exploration	54,000/-
294	672	Md. Irshad Ali	University of Chittagong	Oceanography	Assessment of Spatiotemporal Dynamics and Coastal Vulnerability of the Sundarbans Mangrove Forest Based on Geospatial Technology	54,000/-
295	874	Atkiya Sadiya	Bangabandhu Sheikh Mujibur Rahman Maritime University, Bangladesh	Department of Oceanography and Hydrography	Effects of Internal Tide on the seasonal distribution of Sea Surface Temperature and Sea surface Salinity along the shelves of the Northern Bay of Bengal.	54,000/-
296	1119	MD.MAHBUBUL KABIR NISHAT	Bangladesh University of Engineering and Technology (BUET)	Industrial & Production Engineering (IPE)	Machine Learning Models for Predicting the Patients of Respiratory Infection, Malaria, and Diarrhea in Rohingya Refugees of Bangladesh Based on Climatic Factors	54,000/-
297	478	Mahmudul Hasan Abid	Khulna University	Department of Electronics and Communication Engineering	Designing a New Variant of Orthogonal Time Frequency Space Modulation and its Low Complexity Detectors	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
298	980	Jannatul Jakiya	Mawlana Bhashani Science and Technology University	Statistics	Investigate the risk factors for malnutrition among women based on Bangladesh Demographic and Health Survey (BDHS) data, 2017-18 and its prediction using machine learning approach	54,000/-
299	228	FATEMA KASHEM	University of Chittagong	Department of Mathematics	A study on simplex method and its applications.	54,000/-
300	283	Shanaz Parvin	Jahangirnagar University	Statistics	A Hierarchical Modelling Approach for identifying the relationship between Electricity Consumption and other key factors in Bangladesh: A case study.	54,000/-
301	278	SABIHA ANJUM DIBBY	University of Dhaka	Disaster Science and Climate Resilience	Impact of Riverbank Erosion-Induced Migration on Livelihood and Adaptation Strategies in Kurigram Sadar Upazila, Kurigram District, Bangladesh	54,000/-
302	781	Shaima Sadia	University of Rajshahi	Department of Chemistry	EFFECT OF VERMICOMPOST EXTRACT ON PHYSICOCHEMICAL PROPERTIES OF COMPOST.	54,000/-
303	823	Sharmin Akther	Jahangirnagar University	Statistics	Multivariate Statistical Approach and Machine Learning to Develop a Cyclone Risk Index (CRI) for Coastal Districts in Bangladesh	54,000/-
304	890	Most. Shefali Khatun	Hajee Mohammad Danesh Science and Technology University	Department of Chemistry	Cytotoxicity and Antibacterial activity of ethyl acetate extract from Malva parviflora (Napa Shak)	54,000/-
305	1153	Rabia Islam	University of Dhaka	Department of Footwear Engineering	Fabrication and Characterization of Collagen-based Microsphere from Raw Trimming Solid Waste Derived Collagen for Drug Delivery Application	54,000/-
306	1180	Priya Paul	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Fabrication of hydrogel for efficient removal of heavy metals and dye from wastewater	54,000/-
307	180	Mst. Nazia Sultana	Noakhali Science and Technology University	Applied Mathematics	ANALYSIS OF EFFECTS OF METEOROLOGICAL FACTORS ON DENGUE INCIDENCE IN BANGLADESH USING TIME SERIES DATA	54,000/-
308	213	Md.Nahid Hassan	Mawlana Bhashani Science and Technology University	Department of Textile Engineering	Effect of Elastane Linear Density and Twist Multiplier of Core Spun Yarn on the Properties of Denim Fabric	54,000/-
309	1026	Nadiya Afroj Chaity	Jahangirnagar University	Department of Environmental Science and Geography	Unveiling the urban fringe: Disparities and socio-economic challenges in Peri-Urban areas.	54,000/-
310	238	Trisha Saha	Jahangirnagar University	Statistics	Revealing the Relationship Between Remittance and Other Potential Factors of Bangladesh: A Comparative Study of Time Series and Nonlinear Hierarchical Modeling.	54,000/-
311	19	Anupom Hasib Rose	University of Dhaka	Department of Geology	Understanding The Basin Scale Depositional Sequences by Correlating Neogene Sedimentary Successions of Sylhet and Khagrachari Areas in The Sequence Stratigraphic Framework	54,000/-
312	448	Anamika Paul	Begum Rokeya University, Rangpur	Department of Physics	Project Title: Comparative study of bulk and 2D structures of undoped and (V, Nb) doped WTe <sub>2</sub> Weyl semimetal for optoelectronic applications	54,000/-
313	637	Tamanna Sultana	University of Chittagong	Department of Environmental Sciences	Removal of Pollutants from Confectionery Wastewater Biologically to Protect Aquatic Environment	54,000/-
314	686	Sheikh Rafid Karim	Jahangirnagar University	Department of Chemistry	Oxidovanadium(IV/V) Complexes with Multidentate Organic Ligand(s) and their catalytic studies	54,000/-
315	737	Most. Israt Jahan	University of Dhaka	Department of Chemistry	Development of a Supramolecular System Based on $\beta$ -CD/Cationic Surfactants: Interactions with a Phenothiazinyl Drug	54,000/-

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316	916	Md.Rabiul Islam	University of Rajshahi	Department of Chemistry	Synthesis and characterization of water-soluble chelating ligands for the colorimetric detection of metal ions in environmental and biological samples.	54,000/-
317	125	Redwanul Islam	Khulna University of Engineering & Technology	Department of Biomedical Engineering	Antibacterial properties of zinc oxide nanoparticle modified fabric for medical textile applications	54,000/-
318	640	Mahfuja Islam Munni	University of Rajshahi	Statistics	Application of Machine Learning Methods for Predicting Under-five Child Mortality in Bangladesh	54,000/-
319	1199	RID - WANUL ALAM LIKHON	Bangladesh University of Engineering and Technology (BUET)	Department of Mathematics	THERMAL BRIDGES IN BUILDING CONSTRUCTION STRUCTURES BETWEEN TWO FLOORS IN BANGLADESH	54,000/-
320	1239	Rama Kundu Prova	Jahangirnagar University	Department of Computer Science & Engineering	Cyber bullying detection using different machine learning algorithms	54,000/-
321	1272	Pritom Mukherjee	Jahangirnagar University	Department of Physics	Nonlinear structures in degenerate quantum plasmas.	54,000/-
322	706	Mst. Ruksana Akter	Mawlana Bhashani Science and Technology University	Department of Mathematics	Analysis and applications of Boundary value problems using Riemann-Liouville Fractional derivative.	54,000/-
323	762	Sadia Jannat Mitu	Jagannath University	Department of Computer Science & Engineering	4mC-CGRU: Identification of N4-Methylcytosine Sites in Rosaceae Genome Using Convolution Gated Recurrent Unit	54,000/-
324	444	Tapan Roy	University of Dhaka	Applied Mathematics	Approximate solutions of complex differential equations using weighted residual methods	54,000/-
325	34	Joya Rani Debnath	Jagannath University	Department of Chemistry	One Pot, three component synthesis of Imidazole based Thiazoles: Biological activities and computational studies	54,000/-
326	427	Nusrat Jahan Sifa	University of Barishal	Coastal Studies and Disaster Management	Unveiling the Salinity Enigma and Spatial Mapping of Salinity Using GIS: Investigating Water Parameters and Saline Water's Implications on Drinking Water Quality in Shyamnagar Upazila, Bangladesh	54,000/-
327	221	Chayon Kumar Mondal	University of Rajshahi	Department of Geology and Mining	Lithological and Structural Interpretation from Geophysical and Borelog Data, NW Bangladesh	54,000/-
328	135	Jannatul Maoua	University of Dhaka	Applied Mathematics	Modeling of two-phase multiprobe cryosurgery of cancer tissue using artificial neural network with optimization	54,000/-
329	601	Umme Toufika Jannat	University of Dhaka	Department of Chemistry	Preparation of Lignin-Based Hydrogel for the Removal of Harmful Chemicals from Aqueous Solutions	54,000/-
330	950	Gazi Sadia Yeasmin	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	Ophiorrhiza mungos mediated synthesis of bimetallic silver-zinc oxide nanoparticles for anti-microbial activity.	54,000/-
331	1141	Sazid Al Islam	Khulna University	Department of Chemistry	Obtaining desired surface wettability by micro structured polymer coating: surface morphology, surface energy and bio-compatibility	54,000/-
332	176	Mohsina Akter Nopur	Mawlana Bhashani Science and Technology University	Department of Chemistry	Analysis of the efficiency of eggshell waste as low-cost adsorbents for heavy metal removal from synthetic solutions.	54,000/-

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333	552	Antu Chowdhury	Noakhali Science and Technology University	Department of Computer Science and Telecommunication Engineering	Identifying Financial Markets Transitions Using LSTM Technique	54,000/-
334	889	Md. Anamul Hossain	University of Rajshahi	Department of Chemistry	Synthesis of Metal Organic Frameworks (MOFs) and its efficacy toward carbon dioxide (CO <sub>2</sub> ) gas Capturing and in Catalysis	54,000/-
335	1075	Swachsa Rahman	University of Dhaka	Oceanography	An assessment of the antioxidant, antimicrobial, cytotoxic, and membrane-stabilizing properties of brown and red seaweeds from Cox's Bazar-Teknaf coastal are	54,000/-
336	320	SANJIDA KHONDAKER	Comilla University	Department of Physics	Study the Structural, Magnetic and Electrical Behaviour of Li <sub>0.15</sub> Ni <sub>0.6-x</sub> MnxCu <sub>0.1</sub> Fe <sub>2.15</sub> O <sub>4</sub> Ferrites	54,000/-
337	353	Kh Rukyath Alam	University of Dhaka	Statistics	Climate Change of Dhaka Megacity: A Time Series Analysis and Forecasting of Recent Temperature, Humidity and Rainfall Data using SARIMA Model	54,000/-
338	614	Faiza Ruka	Jahangirnagar University	Department of Mathematics	Model-Aided Understanding of Cardiac Irregularities through Numerical Simulation and Analysis	54,000/-
339	828	Mahmila Sanjana Mim	University of Dhaka	Statistics	Investigating Factors Associated with Malnutrition among Under-Five Children in Bangladesh Using Multinomial and Proportional Odds Logistic Regression Models: Evidence from MICS 2019 Data	54,000/-
340	831	Sajeeb Hossain	University of Dhaka	Applied Mathematics	Numerical Model Predictability Of Genesis Intensification And Propagation Of Pre-Monsoon Thunderstorm Over Bangladesh	54,000/-
341	1128	Anamika Barua	Noakhali Science and Technology University	Department of Electrical and Electronics Engineering	Nature-Derived Beetroot and Agar based Highly Positive Triboelectric Layer for Self-Powered Football Player Monitoring.	54,000/-
342	1146	Md. Al-Amin	Jahangirnagar University	Department of Physics	A First-principles analysis of the impact of strain on physical, optical, and electronic properties of FAgEX <sub>3</sub> (X = Cl, Br, I) perovskites	54,000/-
343	1176	Ikramul Islam Emon	Jahangirnagar University	Department of Computer Science & Engineering	Real-time IOT-driven Water Quality Monitoring and Classification System for Biofloc Aquaculture using Machine Learning	54,000/-
344	1226	Tabia Tanzin Prama	Jahangirnagar University	Department of Computer Science & Engineering	Theme-driven Keyphrase Extraction from Social Media using Language Models and Dependency Parsing.	54,000/-
345	909	Bidita Biswas	Bangladesh University of Professionals	Department of Environmental Sciences	Heavy metals induced health risk assessment through consumption of selected commercially available spice samples obtained from Dhaka city, Bangladesh.	54,000/-
346	972	Marjana Akter Nishi	Jahangirnagar University	Department of Mathematics	Pulsatile Flow of Blood in an Elastic Tube with Wall Slip: Modeling and Analysis	54,000/-
347	373	MD ABUSALEH	University of Chittagong	Department of Mathematics	Solutions of wave and fractional partial differential equations using Variational Iteration Method	54,000/-
348	339	ASHRAFUN ZANNAT SUPTI	University of Dhaka	Statistics	Assessing the Determinants and Drivers of Energy Poverty in Bangladesh Using Machine Learning Approaches	54,000/-
349	570	Mst. Monjury Haque Choity	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Estuarine Water Quality and Biodiversity Indexing in the Southern Middle Coast of Bangladesh	54,000/-
350	987	Nusrat Jahan Retu	Jahangirnagar University	Department of Geology	Assessment of Earthquake induced Liquefaction Potentiality & Risks of the Sediment Mitigation Dyke area of Matarbari Mega Project, Bangladesh---A case Study	54,000/-
351	1260	Mohammad Taher Irfan	Jahangirnagar University	Department of Computer Science & Engineering	Advancements in Offline Face Recognition: A Comprehensive Methodology for Efficient Data Collection, Storage, and Recognition Using Deep Learning Models	54,000/-

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352	1280	Puja Dey	University of Dhaka	Department of Environmental Science and Geography	Salinity Intrusion Induced Problems in Mongla Upazila, Bagerhat	54,000/-
353	326	Md. Tauhiduzzaman	Jashore University of Science & Technology	Environmental Science and Technology	Atmospheric Microplastics within Dhaka Metropolitan Area and its Associated Health Risk, Bangladesh.	54,000/-
354	1040	Khadiza Akter	Comilla University	Statistics	Educational Scenario of Married Women in Bangladesh: Evidence from Bangladesh Demographic and Health Survey (2017-18)	54,000/-
355	1043	TASMIAH BINTEY MOMEN SHAPNIL	Comilla University	Statistics	Progress and Disparities in Accessing Maternal Healthcare Services Throughout Bangladesh: Evidence from Bangladesh Demographic & Health Survey (2014 - 2018)	54,000/-
356	247	Ananya Nandi	Khulna University	Department of Chemistry	Averrhoa bilimbi fruit extract assisted facile green synthesis of reduced graphene oxide (rGO) for water treatment application.	54,000/-
357	362	Sourav Roy	University of Dhaka	Statistics	A Systematic Review and Meta-analysis of Dengue Infection in Bangladesh	54,000/-
358	688	Mosh. Rubina Khatun	University of Rajshahi	Statistics	Investigating the burden of cancer and its impact on productivity among cancer patients in Bangladesh	54,000/-
359	692	Tasfia Siddiqua	Jahangirnagar University	Department of Mathematics	A comparative study of finite difference method and finite volume method for solving diffusion equation.	54,000/-
360	1198	Snehashis Paul	Shahjalal University of Science and Technology	Department of Environmental Science and Geography	Investigating The Impact of Urbanization on Microclimatic Suitability in The Context of Public Health: A GIS and RS Based Approach on The Sylhet City	54,000/-
361	1210	MD. SHEMUL RANA	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Analysis of microplastics in the supplied water of Rajshahi WASA and its environmental impacts in Rajshahi City Corporation, Rajshahi	54,000/-
362	15	Sanzida Akter	Comilla University	Information and Communication Technology	Introducing the Multimodal approach for identifying offensive content from MEMES: A Comprehensive Analysis	54,000/-
363	348	Tanjina Akter	University of Dhaka	Statistics	Analyzing the Mediating Role of Intimate Partner Violence on the Association between Female Autonomy and Antenatal Care in Bangladesh: Using Structural Equation Survival Analysis	54,000/-
364	190	Fahim Ahmed	University of Dhaka	DEPARTMENT OF NUCLEAR ENGINEERING	A Comparative Study of Fluid Flow Through Three Dimensional Piping Bends of Different Angles by Means of Computational Method	54,000/-
365	435	Sarna Sarker	Jahangirnagar University	Department of Mathematics	Numerical Investigation of Shallow Water Equations	54,000/-
366	846	MD.TAHINUR ISLAM	Mawlana Bhashani Science and Technology University	Department of Physics	Electronic, Optical and Thermoelectric Properties of Hexagonal Na <sub>3</sub> P for Renewable Energy Application: A DFT Insights	54,000/-
367	982	Kamelia Zaman Moon	Jahangirnagar University	Department of Computer Science & Engineering	Emerging Bio-inspired Swarm: An Immune System Approach for Skin Disease Identification	54,000/-
368	1147	Md. Iqbal Hossain	University of Rajshahi	Department of Chemistry	Synthesis and Drug Release Response of Folate Decorated Biopolymer-Graphene oxide Nanocarrier	54,000/-
369	1291	Musfika Tabassum	University of Barishal	Department of Chemistry	Surface Modification of Tenuulosa ilisha Fish scale for the Treatment of Industrial Waste Water	54,000/-
370	1299	Polock Biswas	University of Dhaka	Applied Statistics	Investigating Determinants of Poverty using Interpretable Machine Learning Methods	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
371	1249	Prapti Biswas	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Preparation, characterization of carbon quantum dots from peanut shell biomass waste and their application in toxic insecticide sensing	54,000/-
372	252	Sathi Akter	University of Barishal	Department of Chemistry	Synthesis of Oxidatively Degradable Polyurea Bearing Diacylhydrazine Moiety in the Main Chain and Their Characterization	54,000/-
373	389	Md. Atiqur Rahman	University of Rajshahi	Department of Mathematics	Advancing Storm Surge Prediction with the Explicit Five-Point Central Finite Difference Method	54,000/-
374	325	Jeba Rezwana	Khulna University	Environmental Science	A STUDY ON THE DEVELOPMENT OF A CHITOSAN BASED ADSORBENTS BY CO-HYDROTHERMAL CARBONIZATION FOR THE REMOVAL OF POLLUTANTS FROM WASTEWATER	54,000/-
375	438	Md. Tanzirul Islam Tanaz	Bangladesh University of Engineering and Technology (BUET)	Department of Chemistry	Fabrication of an Efficient Ag-doped Co <sub>3</sub> O <sub>4</sub> Electrocatalyst for Hydrogen Energy Production by Electrochemical Water Splitting	54,000/-
376	517	MOST. SWARNA KHATUN	Pabna University of Science and Technology	Chemistry	Synthesis of Some New Schiff Base Derivatives and Study of Their Antimicrobial and Computational Study	54,000/-
377	990	Nusrat Jahan Borna	Jahangirnagar University	Statistics	Predictive Analysis of Dengue Incidence in Bangladesh and Identifying its Risk Factors: A Study Using Machine Learning Models, Statistical and Epidemiological Models	54,000/-
378	147	Ferdous Ara Badhan	University of Dhaka	Footwear Engineering	Upcycled Collagen Hydrolysate-TiO <sub>2</sub> based nanocomposite for self-cleaning coating	54,000/-
379	230	Md Al-Amin Mia Anik	Khulna University	Department of Chemistry	Candle soot based rough surface with special wettability: fabrication, characterization and application	54,000/-
380	648	ARIF HASAN SHAKIB	Jahangirnagar University	Statistics	Estimating likeliness and calculating sample size to detect variation in Polymerase Chain Reaction (PCR) analysis with pre-specified confidence: A case study on DNA sequencing SNP-genotype data	54,000/-
381	808	Tamanna Rahman Shraboni	University of Rajshahi	Statistics	Big Data Analytics for Business Intelligence Strategy in the Era of the Fourth Industrial Revolution	54,000/-
382	893	Tasnim Rahman	University of Chittagong	Institute of Forestry and Environmental Sciences	A comprehensive change detection study of microclimate, land cover and coral reef status over Saint Martin's Island of Bangladesh from 1993 to 2023.	54,000/-
383	1136	SHATABDI ACHARJEE	Noakhali Science and Technology University	Information and Communication Engineering	An Efficient System of Heart Failure Risk Prediction in Bangladesh using Machine Learning Algorithm.	54,000/-
384	1165	Mst.Shahnaz Parvin	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Synthesis of hydrogel using mucilage extracted from jute leaves for wound care application	54,000/-
385	1184	Shantunu Mondal	Khulna University	Applied Mathematics	A Mathematical Model Unraveling the Impact of Plastic Pollution on Marine Ecosystems and Global Warming	54,000/-
386	1197	Sahela Hoque	Jahangirnagar University	Department of Environmental Science and Geography	Assessing the extent of industrial water pollution in Hemayetpur, Savar.	54,000/-
387	1254	Lubaba Fayeze Shuha	Jahangirnagar University	Department of Physics	Influence of strain on the structural, optical, elastic, and electronic characteristics of MAPbX <sub>3</sub> (X=I, Br, Cl) perovskite structures: A DFT Analysis	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
388	1037	Karabi Karmaker	Bangabandhu Sheikh Mujibur Rahman Maritime University, Bangladesh	Department of Oceanography & Hydrography	Morphological Variability and Morphodynamics of Char Kukri Mukri Island using Machine Learning and Geospatial Technique	54,000/-
389	751	Sharmin Aktar Mita	Comilla University	Department of Physics	Tin (Sn) & Magnesium (Mg) co-doped ZnO thin film fabrication to enhance the transmittivity of window layer in solar cell.	54,000/-
390	852	Israt Jahan Nikhat	Noakhali Science and Technology University	Statistics	Prevalence of Diabetes and Prediabetes and Their Risk Factors : A Cross-Sectional Study in Chittagong division, Bangladesh	54,000/-
391	953	Nusrat Hossain Meem	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	Viscometric studies of molecular interactions and computational investigations of binary mixture containing two selective solvents	54,000/-
392	1086	S. M. Salehin Ratul	Jahangirnagar University	Department of Environmental Science and Geography	Evaluating the Impact in the Expanding Areas of Dhaka City of Land Use Patterns and Agricultural Productivity	54,000/-
393	151	S M Naimul Mamun	Bangladesh University of Engineering and Technology (BUET)	Department of Physics	INVESTIGATIONS OF THE STRUCTURAL, ELECTRICAL, AND LUMINESCENT PROPERTIES OF ZINC DOPED GALLIUM OXIDE THIN FILMS	54,000/-
394	242	Marjona Islam Happy	Shahjalal University of Science and Technology	Department of Chemistry	Synthesis of water-soluble supramolecular complexes of thiadiazoline derivatives using $\beta$ -cyclodextrin as host.	54,000/-
395	588	Nahid Hasan	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Assessment of groundwater quality and water table fluctuations in north-western part of Bangladesh and its relationship to climate change.	54,000/-
396	602	Md. Shakil Hosen	Jahangirnagar University	Department of Chemistry	Synthesis and characterization of new Rehnium-saccharinate complexes containing bidentate phosphine ligand	54,000/-
397	713	Sanjoy Kumar Roy	University of Dhaka	Statistics	Factors Associated with Total Fertility Rate in Bangladesh: Weighted Bayesian Poisson Regression Model	54,000/-
398	1243	Noor Ahammad	Jahangirnagar University	Department of Physics	A computational Investigation of the Structural, Electrical, Magnetic and Thermodynamic Properties of Chromium and Molybdenum (TM) Doped in Gallium Nitrate Nanoclusters	54,000/-
399	1252	Md Sabbir Ahmed	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Two-dimensional Ti3C2Tx MXene nanosheets as an anti-biofouling agent in water purification.	54,000/-
400	1268	Ashraful Nushrat	Jahangirnagar University	Department of Physics	Study of the geometrical frustration in triangular lattice compound	54,000/-
401	249	Anindya Nag	Khulna University	Department of Computer Science & Engineering	A novel vision transformer and GAN-based data augmentation model for brain tumor classification.	54,000/-
402	514	MAISHA HOSSAIN MIM	University of Dhaka	Department of Environmental Science and Geography	An Assessment of Fire Risk Preparedness in Dhaka City: A Case Study on Residential Clusters	54,000/-
403	534	Md. Mamun Miah	University of Rajshahi	Department of Physics	"Assessing Absolute Dose Verification for Photon Beams in Linear Accelerators: A Longitudinal Study"	54,000/-
404	312	MD. Foysal Ahmed	University of Dhaka	Applied Statistics	Poverty Prediction Scorecard Based on XGBoost Algorithm	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
405	415	Mst. Fakid Sharmin Sristy	Hajee Mohammad Danesh Science and Technology University	Department of Chemistry	Investigation of the Biological activity of some Schiff Bases and Mannich bases Synthesized from Carbonyl and Amine Compounds.	54,000/-
406	233	Aishwarya Sarkar	Jahangirnagar University	Department of Computer Science & Engineering	AI-Driven Bengali Text Detection using Large Language Model for Societal Advancement through Information Integrity and Empowerment.	54,000/-
407	239	Prativa Gupta	University of Barishal	Department of Mathematics	Mathematical modeling and CFD analysis of flow distributions inside the amplifier disk of the deflector jet servo-valve considering boundary layer effects.	54,000/-
408	690	Mst. Nuzhat Tabassum	Jahangirnagar University	Applied Mathematics	LED Light Assisted Photo-Degradation of Amaranth Dye Using Metal Doped Graphene Oxide in Aqueous Solution.	54,000/-
409	880	Jubair Ahemmed Akash	University of Dhaka	Department of Chemistry	Characterization of PM2.5- bound pollutants (selected water soluble ions, organics and heavy metals) in distinct indoor environments of Dhaka, Bangladesh	54,000/-
410	1244	Maknun Mariam Habib	Jahangirnagar University	Department of Physics	Investigation of Physical and Biochemical Properties of Larger Clusters Compare to Lower Dimension Clusters of Silicon (Si24-32), Tin (Sn24-32) and Germanium (Ge24-32) before and after Ag5 and Au5 doping for bio-sensing.	54,000/-
411	396	Riyadul Islam	University of Dhaka	Applied Statistics	Partial Linear Modeling and Bootstrap Resampling Using Kaplan-Meier Weights with Censored Survival Data	54,000/-
412	409	Raisa Tabassum	University of Dhaka	Department of Environmental Science and Geography	Potential Assessment of Renewable Energy Technologies (RETs) for Electricity Generation and Greenhouse Gas Reduction in Dhaka City	54,000/-
413	354	Sanjana Sadia Mim	University of Dhaka	Department of Environmental Science and Geography	Physical and Geochemical Properties of Mined Sand from River Beds in Bangladesh: A Geo-Spatial Analysis.	54,000/-
414	464	Sayma Akter	Jahangirnagar University	Department of Chemistry	Synthesis of aromatic amine derivatives and their lead iodide complexes as photo absorbent in perovskite solar cell.	54,000/-
415	948	Md.Imam Hossain Emon	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	Bio-inspired Silver Nanoparticles (AgNPs) as an Effective and Reusable Catalyst for the Removal of Textile Dyes	54,000/-
416	1036	Sumon Kumar Paul	University of Rajshahi	Department of Chemistry	PHOSPHOROUS ADSORPTION CAPACITY OF SOIL AMENDED WITH VERMICOMPOST AND VERMICOMPOST EXTRACT TREATED COMPOST	54,000/-
417	1257	Md Rony Hossain	Jahangirnagar University	Department of Physics	Exploring Pressure-Induced Modulation in Half Metallic Heusler Alloys for Enhanced Spintronics.	54,000/-
418	171	Rownak Tarannum Nadika	Comilla University	Information and Communication Technology	Autocorrelation-based Spectral Subtraction Method for Fundamental Frequency Extraction in Noisy Speech	54,000/-
419	172	Faria Shamim	Noakhali Science and Technology University	Department of Computer Science & Telecommunication Engineering	DeepFake Image Detection by CNN with Triplet Loss Function	54,000/-
420	680	Sania Mahmuda Onu	Khulna University	Environmental Science	Assessing Present Scenario of Soil Nutrient in Agricultural Field of Narail Sadar, Bangladesh.	54,000/-
421	246	Maliha Sanzana Misty	Jagannath University	Department of Geography and Environment	Assessment of the dietary patterns of urban slum communities: A case study of Dhaka, Bangladesh	54,000/-
422	1041	Nusrat Ara Mimi	Jahangirnagar University	Remote Sensing and GIS	A GIS and remote sensing-based approach for the assessment of land use and land cover changes and summer-winter variation of surface temperature in Narayanganj city corporation.	54,000/-



Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
423	1251	Sufia Ahmad Esheka	Jahangirnagar University	Department of Physics	The Effect of Strain on the Structure and Properties of FAInX <sub>3</sub> (X=I ,Br ,Cl) Perovskite Structures: A DFT Study	54,000/-
424	359	Shuvongkar Sarkar	Jagannath University	Statistics	Socioeconomic and Demographic Factors for Inadequacy of Antenatal Care Among Bangladesh Women: An Application of Ordinal Logistic Regression Approach	54,000/-
425	361	Dana Sikder	Khulna University	Environmental Science	Effect of Salinity and Crop Production on Food Security: Context of Interior and Exterior Southwest Coastal Bangladesh	54,000/-
426	623	Fahmida Rahman	Jahangirnagar University	Department of Mathematics	Application of Neumerical Schemes to One Dimentional Saint-Venant Equation for Simulating.	54,000/-
427	724	Asad Mahdi	University of Dhaka	Department of Theoretical Physics	Complexity and Quantum Cosmology	54,000/-
428	1284	Syeda Samiha Nushin	University of Rajshahi	Department of Electrical and Electronics Engineering	Study on Vanadium Oxide (V2Ox) thin films with the aim of harnessing solar energy.	54,000/-
429	419	MOHSINA HUMAIRA	Mawlana Bhashani Science and Technology University	ENVIRONMENTAL SCIENCE and RESOURCE MANAGEMNT	Assessment of Heavy Metal Contamination in Groundwater at Leather Industries of Dhaka City, Bangladesh Using GIS Approach.	54,000/-
430	384	Md. Samsuzzaman	Jahangirnagar University	Department of Chemistry	M W-Synthesis of Some Pyrazolines and the Study of Their Anti-microbial Activity	54,000/-
431	1078	Bipasa Akther	University of Rajshahi	Department of Chemistry	Synthesis and surface modification of nanoparticles for heavy metal removal from ground water.	54,000/-
432	351	Mahfuza Khatun	University of Rajshahi	Department of Mathematics	Parabolic equations in uniformly local Lebesgue spaces	54,000/-
433	789	Zannatul Ferdousy Jeny	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	An Ecological and Health Risk Assessment of Heavy Metals in Coastal Sediment of Inani Sea Beach.	54,000/-
434	35	Md. Farabi Akash	Institute of Remote Sensing and GIS, Jahangirnagar University	Remote Sensing and GIS	Investigating Land Erosion and Accretion in Char Nizam Island: A Temporal Analysis (1997-2022)	54,000/-
435	85	Maisha Fahmida	University of Dhaka	Department of Physics	A Density Functional Theory (DFT) based study on the Structural, Mechanical, Electrical and Optical Properties of Na3Bi: a Topological Dirac Semimetal	54,000/-
436	501	Mst. Ishrat Jahan	Comilla University	Department of Mathematics	Novel Dynamics of the Fokas-Lenells Equation in Birefringent Fibers Applying Different Integration Algorithms	54,000/-
437	697	Jafrin Alam	Jahangirnagar University	Department of Geology	Variability of grain size and geochemical composition of borehole sediments from the Jamuna River, Bangladesh	54,000/-
438	739	MD RASEL AHMED	Jahangirnagar University	Department of Mathematics	Numerical Simulation of Multilane Traffic Flow Model Based on Exponential Velocity-Density function	54,000/-
439	750	Maria Zaman Tithi	Khulna University	Environmental Science	Assessing the Rate of Microplastic Decomposition in Freshwater Environments: A Comparative Study of Different Polymers	54,000/-
440	1194	Md. Mueid Akhter	Khulna University	Department of Electronics and Communication Engineering	An Effective Approach for the Prediction of Heart Disease Using Statistical Analysis and Machine Learning Model	54,000/-
441	1205	Nidhy Mostan	Shahjalal University of Science and Technology	Department of Environmental Science and Geography	Modelling the Impacts of Salinity Intrusion in the Ganges River System of Bangladesh.	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
442	1233	Jannatul Ferdous Mira	Jahangirnagar University	Department of Physics	To investigate the doping effect on different phases of CZTS material using density functional theory.	54,000/-
443	203	Md. Mostofa Hossain	University of Dhaka	Department of Chemistry	Chemical and biological studies of Plumeria alba L. leaves	54,000/-
444	316	Jannatul Ferdous Swarna	University of Dhaka	Statistics	Assessing the Risk of Breast Cancer Development with Obesity in Bangladesh: A Systematic Review and Meta-analysis	54,000/-
445	329	Md. Tariquzzaman Shakil	University of Dhaka	Applied Mathematics	Machine Learning Approach to Predict the Hemodynamics of a Patient's Ascending Aorta.	54,000/-
446	929	Hridita Shobnom Labony	Khulna University	Environmental Science	Spatial vs temporal variability of river water and groundwater chemistry in Assasuni Upazila, Satkhira, Bangladesh	54,000/-
447	441	Mst. Habiba Khatun	Bangladesh University of Engineering and Technology (BUET)	Department of Petroleum & Mineral Resources Engineering	Application of Material Balance Equation in Compartmented Gas Reservoirs	54,000/-
448	493	Nancy Mary Rozario	University of Dhaka	Department of Electrical and Electronics Engineering	Modeling and evaluating the performance of Brillouin Optical Time Domain Analysis sensors using denoising filters and KNN regression analysis	54,000/-
449	642	Farjana Akter Himo	Jahangirnagar University	Department of Chemistry	Synthesis of characterization and cytotoxicity of nobel 2,3-Dihydroquinazolin-4(H)-ones derivatives	54,000/-
450	523	MD Fahim	University of Rajshahi	Statistics	Exploring the self -emplotment intention among public university students in Bangladesh	54,000/-
451	529	RUPALI KHATUN	University of Rajshahi	Department of Chemistry	Preparation of P(2-CEA-co-NIPAm) Polymer Coated Iron Oxide Nanocomposite Particles for Biomedical Applications	54,000/-
452	595	Asima Monjur	University of Dhaka	Department of Chemistry	Multi-stimuli-based shuttle of a model drug in ionic liquid-water biphasic system using polymeric nanocarrier	54,000/-
453	695	Md. Anisul Islam	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	Extraction of cellulose nanocrystals from plants.	54,000/-
454	1248	Anonya Roy Shorna	Jahangirnagar University	Department of Physics	A DFT Study on Chemicophysical Properties of Aluminum Nitride/Phosphate (Al <sub>2</sub> O <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> P <sub>2</sub> O <sub>7</sub> ) Nanotubes to Observe Their Interactions with Transitional Metals (Ag <sup>+</sup> /Au <sup>3+</sup> ) and Cancer Biomarkers.	54,000/-
455	1262	S M Abidur Rahman	University of Dhaka	Department of Leather Engineering	Magnetic Graphene Oxide Aerogel for Heavy Metal removal from Tannery Waste Water.	54,000/-
456	1269	Bonganur Khan	Jahangirnagar University	Department of Physics	Simulation and Characterization of Larger Nanoclusters/Nanotubes of Gallium Nitride (Ga <sub>2</sub> O <sub>3</sub> ) Doped with V, Nb, Ta as Biosensor Materials	54,000/-
457	1050	Sharmin Sultana Alis	Jahangirnagar University	Department of Environmental Science and Geography	APPLICATION OF GIS BASED MULTI-CRITERIA DECEISON FOR ASSESSING THE WATERLOGGING RISK IN DHAKA SOUTH CITY CORPORATION	54,000/-
458	403	Md. Zahidul Islam	University of Rajshahi	Department of Chemistry	Sensitive detection of uric acid and vancomycin based on SiO <sub>2</sub> -CuO/ PGMA nanoparticles modified electrode by electrochemical approach	54,000/-
459	557	Jannatul Ferdouse	Jagannath University	Geography and Environment	Impact of Land Use and Land Cover Changes in Sajek Valley, Rangamati, Bangladesh	54,000/-
460	1022	Jakaria Noman	Noakhali Science and Technology University	Department of Computer Science & Engineering	Classification of Bangladeshi Mango Leaf Diseases and Prediction of Pesticides Using Convolutional Neural Network Models	54,000/-
461	214	AOWLAD HOSSAIN	University of Rajshahi	Department of Geology and Mining	Occurrence, Sources and Spatial Distribution of Microplastic in Soil at Rohingya Refugee Camp, Cox's Bazar, Bangladesh	54,000/-

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462	817	Eti Khan Mitu	University of Barishal	Coastal Studies and Disaster Management	Assessing the Relationship between Land Use Land Cover (LULC) and Urban Heat Island (UHI): A Comparative Study in South Central and South East Coastal Area of Bangladesh	54,000/-
463	321	Taslima Akter	Comilla University	Department of Physics	Study of Structural, Magnetic, Dielectric and Electrical Properties of $x\text{Li}_0.15\text{Ni}_0.2\text{Zn}_0.4\text{Cu}_0.1\text{Fe}_2.15\text{O}_4 + (1-x)\text{BaTi}_0.7\text{Zr}_0.3\text{O}_3$ Multiferroic Composites	54,000/-
464	884	Joy Prokash Paul	University of Dhaka	Applied Mathematics	Numerical study of flow and heat transfer of ternary hybrid nanofluid in a lid-driven cavity.	54,000/-
465	89	Alvi Orne	University of Barishal	Department of Chemistry	SYNTHESIS AND CHARACTERIZATION OF OXIDATIVELY DEGRADABLE POLYESTER	54,000/-
466	164	Selina Akter Lucky	Bangladesh University of Engineering and Technology (BUET)	Department of Physics	STRUCTURAL, OPTICAL AND ELECTRICAL PROPERTIES OF MANGANESE -DOPED NICKEL OXIDE THIN FILMS SYNTHESIZED BY SPRAY PYROLYSIS TECHNIQUE	54,000/-
467	616	Sanjida Sultana	Khulna University	Environmental Science	The Nexus of Microplastics in Saline Water: A Study on the Temporal Fragmentation and Degradation	54,000/-
468	729	Mim Mostakima Mila	Jahangirnagar University	Department of Chemistry	Adsorption characteristics of ciprofloxacin onto reduced graphene oxide in aqueous solution	54,000/-
469	338	MD. SHADMAN HOSSAIN	Pabna University of Science and Technology	Department of Chemistry	Barium Phosphate modified Graphene Oxide nanocomposites are employed for removal of Methylene Blue dye.	54,000/-
470	5	Istiaque Ahmed	University of Dhaka	Department of Chemistry	Synthesis of Lignin Based Azo Dye for the Application in Leather Industries	54,000/-
471	72	Asim Abrar	University of Dhaka	Department of Disaster Science and Climate Resilience	Assessment and Optimization of Fire Hydrant Locations in Puran Dhaka: Enhancing Fire Safety in a High-Risk Urban Environment	54,000/-
472	184	Tasnim Sultana	Bangladesh University of Engineering and Technology (BUET)	Department of Mathematics	Optimal Traffic Accident Severity Prediction Model by Machine Learning Algorithm	54,000/-
473	308	Hamed Shahryar	University of Chittagong	Applied Mathematics	Investigation of Optimum Numerical Algorithm for Leak Detection in Gas Transportation and Distribution Line	54,000/-
474	753	Umme Sanima Chowdhury	University of Dhaka	Department of Chemistry	Carbonaceous Materials Derived from Waste Lemon Peel for Capacitive Deionization Application	54,000/-
475	773	Md. Amranul Haque	Shahjalal University of Science and Technology	Department of Mathematics	Inundation due to far field tsunami from an extended domain.	54,000/-
476	940	MD. MAHABUR RAHMAN	University of Dhaka	Department of Physics	Synthesis of topological insulator $\text{A}_2\text{B}_3$ ( $\text{A}=\text{Bi}, \text{B}=\text{Te}, \text{Se}$ ) to investigate their electrochemical and optical properties	54,000/-
477	802	Mst. Dolon Chapa	Jahangirnagar University	Department of Chemistry	Characterization of Sludge and study the effect of electrolyte (KCl) on the adsorption of phosphate onto sludge.	54,000/-
478	422	SETU SARKAR	Hajee Mohammad Danesh Science and Technology University	Department of Mathematics	DISTINCT WAVE PROFILES FOR NONLINEAR SCHRÖDINGER MODELS DEPICTING THE MODES IN OPTICS AND BOSE- EINSTEIN CONDENSATION	54,000/-
479	1090	Saiful Islam	University of Dhaka	Department of Theoretical Physics	Exploring the Electronic, Optical, and Mechanical Properties of Double Perovskite through DFT Analysis for Potential Renewable Energy Applications.	54,000/-
480	446	Farjana Ferdous	University of Dhaka	Department of Geography and Environment	Modeling Blue Networking for Dhaka City and Measuring Climate Change Mitigation	54,000/-

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481	12	Safayat Hossain	University of Rajshahi	Department of Chemistry	Coconut husk-derived porous carbon/CuO/TiO <sub>2</sub> -nanoparticle in situ for high performance supercapacitor electrode materials	54,000/-
482	97	Nishat Tasnim	Mawlana Bhashani Science and Technology University	Department of Physics	Interfacing Artificial Intelligence (AI) with Internet of Things (IoT) Based Earthquake Detection System for sensibility and Efficiency	54,000/-
483	860	Tanvir Ahmed	Jagannath University	Department of Computer Science & Engineering	A Blockchain based method for detection of COVID-19 and other chest diseases using Stacking Ensemble of pre-Trained models	54,000/-
484	901	Faria Afrin Niha	Jagannath University	Department of Computer Science & Engineering	Development of Advanced Encryption Standard cryptographic algorithm for power constrained devices	54,000/-
485	1217	Afnan Rashid Tushar	University of Dhaka	Department of Mathematics	Bifurcation analysis for a discrete-time Predator-Prey system	54,000/-
486	302	AFRIN RAHMAN AKHI	University of Dhaka	Department of Footwear Engineering	Valorisation of Tannery Solid Waste for the Treatment of Tannery Dye Wastewater Based on Circular Economy Approach.	54,000/-
487	537	Tasniqul Islam	Khulna University	Department of Chemistry	Synthesis of Schiff derivative biofilm from cellulose of Areca catechu leaf sheath and chitosan of fish scale for the preparation of microbial resistant packaging material	54,000/-
488	319	TAMANNA BINTE ZAMAN	Comilla University	Department of Physics	Effect of Zn Incorporation on Structural, Magnetic and Electrical properties in Ni <sub>0.9-x</sub> Zn <sub>x</sub> Cu <sub>0.1</sub> Fe <sub>2</sub> O <sub>4</sub> ferrites	54,000/-
489	911	Shoshe Sutradhar	Jahangirnagar University	Department of Geology	Analyzing geophysical data of the Rupganj Structure, Bangladesh - Implications on the structure and stratigraphic framework .	54,000/-
490	995	Hafsa Sultana	Jahangirnagar University	Department of Mathematics	Pulsatile Blood Flow through Rigid Model Channel	54,000/-
491	939	Samira Tasnim Aparazita	Bangladesh University of Professionals	Department of Environmental Sciences	Detection and Quantification of Microplastics in Freshwater Zooplanktons Collected from Major Urban Lakes in Dhaka City, Bangladesh	54,000/-
492	317	Awishe Das	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Microwave Assisted Synthesis of Kappa Carrageenan-Xanthan Gum-Acrylamide Hydrogels and Their Application for Dye Removal	54,000/-
493	378	Md.Sabbir Hossain	Jagannath University	Statistics	Minimum Dietary Diversity and its effect on nutrition and morbidity among under 2 years children	54,000/-
494	784	Israt Jahan Nitu	University of Rajshahi	Department of Chemistry	Synthesis of Iron Oxide Based Nanoparticles for Ovarian Cancer Biomarkers Detection	54,000/-
495	630	Md. Miraj Hossain	Shahjalal University of Science and Technology	Statistics	Quality of Life of Urban Elderly in Rangpur Division of Bangladesh: An application of WHO-QOL-index.	54,000/-
496	660	Fahim Parvez	University of Dhaka	Department of Physics	First-principles approach for studying the reaction mechanism of water electrolysis on modified graphene surface	54,000/-
497	932	Mariam Khanam	Jahangirnagar University	Department of Geology	Sedimentological characterization of the ocean surface sediments from the South-East coast of the Bay of Bengal, Bangladesh.	54,000/-
498	1081	Md.Ibrahim Khalil	Comilla University	Department of Physics	Investigation of the mechanical and opto-electronic, and photocatalytic properties of RbCdX <sub>3</sub> (X=Cl, Br, I) perovskite: A DFT scheme.	54,000/-
499	654	Md.Mahabubul Alam	Mawlana Bhashani Science and Technology University	Department of Physics	Designing an IoT based neonatal child health and surrounding environment monitoring system.	54,000/-
500	540	Zaarin Tasnim	University of Dhaka	Geography & Environment	Land Use Change Induced Impact in Ullapara Pourashava, Bangladesh	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
501	955	MD.MAHABUBUR RAHMAN	University of Dhaka	Statistics	Some Machine Learning Applications in identifying Drivers of Food Insecurity in Bangladesh	54,000/-
502	551	KANACK DEV NATH	University of Chittagong	Department of Chemistry	Assessment of Laboratory-Generated Heavy Metals Pollution in Different Public University Campuses in Bangladesh.	54,000/-
503	1149	Md Bablu Hasan	University of Rajshahi	Department of Chemistry	Synthesis and Drug Delivery Behavior of Star Shaped Amphiphilic Poly( $\epsilon$ -Caprolactone)-block-Poly (diethylamino ethyl methacrylate) Copolymer.	54,000/-
504	1261	MOHAMMAD AL FAHIM	University of Chittagong	Marine Science	Analysis of Shoreline Changes Using Remote Sensing and GIS along the Sangu River Estuary of Bangladesh	54,000/-
505	625	Protima Roy	Khulna University of Engineering & Technology	Department of Leather Engineering	Stabilizing of liming sludge-clay roof tiles production: A new approach to minimize tannery solid waste	54,000/-
506	626	Mahbubur Rahman	Mawlana Bhashani Science and Technology University	Department of Physics	A Theoretical investigation of the structural and electronic properties of barium titanate (BaTiO <sub>3</sub> )	54,000/-
507	796	Estiyak Ahmed Turjo	Jahangirnagar University	Statistics	Analyze and forecast climate factors in Bangladesh using statistical techniques and multilevel linear mixed-effect models	54,000/-
508	835	Md. Sazzad Hossain Rafi	University of Dhaka	Department of Electrical and Electronics Engineering	Machine Learning Based Face Mask Detection using YOLOv8	54,000/-
509	899	Murfia Rahman Muna	Khulna University	Statistics	Feature Selection and Classification Techniques for Microarray Gene Expression Data	54,000/-
510	1072	Sabiha Haque Tamanna	Jahangirnagar University	Department of Physics	Kinetic Alfven waves in astrophysical plasmas with superthermal electrons	54,000/-
511	1111	E.M. Talid Khan	University of Dhaka	Disaster Science and Climate Resilience	Damage and Loss Assessment of Sylhet Flood 2022 along with its Environmental Impact	54,000/-
512	1224	Sanjida Jahan Tanha	Noakhali Science and Technology University	Department of Electrical and Electronics Engineering	Enabling Explainability: A Comparative XAI Study in Smart Grid Stability of Bangladesh.	54,000/-
513	1267	Sabiqun Nahar	Comilla University	Statistics	Comparison of Different Machine Learning Algorithm for Forecasting Incidence of Dengue in Bangladesh	54,000/-
514	445	Md. Mehedi Billal Bilas	Jahangirnagar University	Department of Chemistry	Synthesis and pharmacological studies of nobel isatin derivatives.	54,000/-
515	1071	Naima Sultana Ayesha	Jahangirnagar University	Institute of Information and Communication Technology	Dynamic Encryption-Based Cloud Security Model Using Facial Image-Based Key Generation For Multimedia Data	54,000/-
516	290	Muhammad Muzammil	Shahjalal University of Science and Technology	Statistics	Ensuring Quality Education of Universities in Sylhet, Bangladesh: Faculty resources and Infrastructure Perspective	54,000/-
517	304	Nusrat Jahan Urmi	University of Dhaka	Department of Physics	Hydrothermally synthesized hierarchical CuO-ZnO nanoflowers for the efficient degradation of tetracycline under visible light irradiation	54,000/-
518	1057	Ratul Ahmed Khan	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Fabrication of biocomposite films using rice water and spent tea leaves for sustainable food packaging material	54,000/-
519	484	Abul Bashar Sudip	University of Dhaka	Applied Statistics	Investigating the role of EPV in predictive performance of Machine Learning methods for Survival Analysis	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
520	580	Mehenaz Mehebab	Jahangirnagar University	Department of Mathematics	Modeling and Simulation of Oscillating Chemical Reactions to Understand Excitation in Neural Tissue	54,000/-
521	634	Most. Airin Nahar Juthi	Hajee Mohammad Danesh Science and Technology University	Department of Physics	Study of the Effect of Non-Ionizing Radiation on Seed Germination and Plant Growth of Calabash (Lagenaria siceraria), Pumpkin (Cucurbita moschata) and Okra (Abelmoschus esculentus) at Different Distances from Wi-Fi Router	54,000/-
522	687	Sumaya Islam Progga	Jahangirnagar University	Department of Chemistry	An investigation of the effects of temperature and various medium on Association of brovine serum albumin and cetyltrimethylammonium chloride.	54,000/-
523	698	Tasnim Mahzabin Tanha	University of Dhaka	Department of Chemistry	Fluorescent Nitrogen Doped Carbon Dots for Detection of Cysteamine in Biological Systems	54,000/-
524	770	Julekha Aktar	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Assessment of Salinity Distribution in Soil and Surface Water in Khulna Region of Bangladesh and Its Impact on Rice Production.	54,000/-
525	1133	Shahrin Khan	Jahangirnagar University	Department of Computer Science & Engineering	Image-based Banana Leaf Disease Recognition Using Machine Learning Techniques	54,000/-
526	1179	Takvir Hossan Parhad	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Preparation of hybrid hydrogels cross linked with silica nanoparticles for environmental reneidation.	54,000/-
527	1202	TUHIN MOLLA	University of Chittagong	Department of Chemistry	Excess Thermodynamic and Transport Properties and Related Interaction Paramaters of Binary Liquid Mixtures at different temperature.	54,000/-
528	1211	Sumaia Tanzim	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Pulping of Eucalyptus camaldulensis grown in Bangladesh	54,000/-
529	1256	Joy Acharjee	Jahangirnagar University	Department of Physics	A Density Functional Theory Study of Cubic FATaX3 (X=I, Br, Cl) Perovskite Structures for Potential Photovoltaic Applications	54,000/-
530	663	Samiun Khatun	Mawlana Bhashani Science and Technology University	Department of Physics	Study of efficient formamidinium tin triiodide film for heterostructure perovskite solar cells	54,000/-
531	1247	Md.Ashadul Islam	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Development of lignin- based coating on urea fertilizer for sustained release of nutrients.	54,000/-
532	869	Mst. Mahmuda Khatun	University of Rajshahi	Applied Mathematics	POLYTROPIC MODEL OF STAR IN f(R) GRAVITY	54,000/-
533	561	Dil Abida	University of Chittagong	Department of Chemistry	Transition metal complexes of a new Schiff base: synthesis, characterization, DFT calculations and biological activity studies	54,000/-
534	708	Nuzhat Nuari Khan Rivu	University of Dhaka	Department of Mathematics	The Effects of Immunization on the Prevention and Management of Tumors and Infectious Diseases	54,000/-
535	853	Mst.Rasna Sharmin	University of Rajshahi	Statistics	Analyzing role of media in reducing tobacco use in Bangladesh.	54,000/-
536	527	SHARMIN AKHTER MAYA	Jahangirnagar University	Department of Chemistry	Physicochemical investigation of the impact of inorganic and organic additives on the clouding behavior and thermodynamic properties of the mixture of antidiabetic drug and nonionic surfactant	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
537	251	Lipton Saha	Patuakhali Science and Technology University	Department of Environmental Sciences	Untangling Small Holders' Soil Carbon Management and Potentials for Sustainable Agricultural Production in Bangladesh	54,000/-
538	1053	Farzana Akther	Khulna University	Environmental Science	Assessment of Surface Water Quality of Magura Sadar Upazila, Magura, Bangladesh	54,000/-
539	96	ZANNAT FOUJIA	Jagannath University	Statistics	Regional Variation Of Multimorbidity among under 5 children in Bangladesh :A Generalized Linear Modelling Approach	54,000/-
540	52	Md. Kawsar	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Preparation and characterization of metal-doped nano-bioceramics for enhanced anti-microbial properties	54,000/-
541	1144	Sumaiya Zakir	Jahangirnagar University	Department of Environmental Science and Geography	ANALYSIS OF SELECTED AIR QUALITY INDEX PARAMETERS BEFORE, DURING AND POST COVID 19 IN DHAKA CITY USING GOOGLE EARTH ENGINE	54,000/-
542	382	Moyuri Khatun	University of Rajshahi	Department of Mathematics	Modeling Different Intervention Strategies for Controlling the Outbreak of Dengue in Bangladesh.	54,000/-
543	41	Aditi Mitra	University of Chittagong	Statistics	The impacts of urbanization on total CO2 emissions: A panel ARDL-PMG approach for SAARC countries	54,000/-
544	206	Rifah - Tusfia	Jahangirnagar University	Department of Mathematics	Analyze the effectiveness of Inventory Risk Management Strategies in Global Supply Chains with neural network	54,000/-
545	481	Md. Anuar Hossen	University of Dhaka	Department of Mathematics	Mathematical analysis to control invasive species in competition with native species in ecological systems	54,000/-
546	236	S. M. Mobin Sikder	Jahangirnagar University	Department of Chemistry	Pre-irradiation grafting of acrylonitrile and sodium styrene sulfonate on non-woven polyethylene (PE) fabric for copper (II), chromium (III) removal.	54,000/-
547	1027	Rahnuma Aziz Nisa	University of Dhaka	DEPARTMENT OF NUCLEAR ENGINEERING	Modeling and Full Core Neutronic Analysis of an LWR based SMR considering different Accident Tolerant Fuel (ATF) options using OpenMC	54,000/-
548	735	Shaila Shaimun Diba	University of Chittagong	Oceanography	Environmental Sensitivity Index (ESI) Mapping: A Systemic Approach for Analyzing Oil Spill Response in the Southwest and Southeastern Coast of Bangladesh	54,000/-
549	368	SHAVIHATUN SAMY	Begum Rokeya University, Rangpur	Department of Chemistry	Preparation of Magnetic Polymer-Supported Palladium Composite Particles and Their Application for the Degradation of Organic Dyes in Wastewater	54,000/-
550	756	Md. Rehman Sobhan Abir	University of Dhaka	Theoretical Physics	Electronic Transport properties of Liquid Alkali Metals K and Li	54,000/-
551	778	Md.Biplob Hasan	University of Dhaka	Department of Oceanography	Seasonal distribution of Nutrients and Chlorophyll-a concentrations and correlation between them in Pasur River estuary of the Sundarbans Mangrove Forest, Bangladesh	54,000/-
552	830	Arifur Rahman	University of Dhaka	Department of Electrical and Electronics Engineering	To Find The Optimized Buffer Layer To Enhance The Performance of CdTe Thin Film Solar Cell	54,000/-
553	1073	MD.MEHIDI HASAN	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Fabrication and Characteristics Studies of Polyester-Boron Carbide-Glass Fibre-Aramid Fibre-Titanium and Epoxy-Boron Carbide-Glass Fibre-Aramid Fibre-Titanium Hybrid Composites	54,000/-
554	1138	Argina Akter	Noakhali Science and Technology University	Information and Communication Engineering	Analysis of Social Media Data using Multimodal Deep Learning for Disaster Response	54,000/-
555	205	Aysha bente akbor	Jahangirnagar University	Department of Chemistry	Physico chemical variables for the interaction of surfactants with bovine serum albumin investigation of the effect of several experimental factors.	54,000/-
556	1024	Rimi Akter	Jahangirnagar University	Department of Computer Science & Engineering	Prediction of Dementia and Pregnant Woman Miscarriage Possibilities using Data Mining over some Machine Learning Algorithms.	54,000/-

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557	407	Sunjida Akhter	Hajee Mohammad Danesh Science and Technology University	Department of Chemistry	Identification and quantification of toxic elements contamination in Gazipur industrial region from Bangladesh and find out the potential native plants for their phytoremediation.	54,000/-
558	967	Md. Fahad Hossain	Jahangirnagar University	Department of Chemistry	Synthesis, Spectroscopy, electrochemistry and X-ray analyses of schiff base derived from 2-hydroxynaphthaldehyde and 4-methyl-2-nitroaniline	54,000/-
559	1006	Sara Afroz Banna	Jahangirnagar University	Department of Mathematics	A study on Micro Scale VAWT Installation on Highway for Traffic Surveillance and Road Lighting	54,000/-
560	506	Abir Mahmud	University of Dhaka	Department of Environmental Science and Geography	Morpho-ecological Characteristics of Abandoned Meander Loops and Ox-bow Lakes in Bangladesh: A Comparative Study between the Ganges and the Brahmaputra Floodplains	54,000/-
561	656	Rayhana Jannat Shabiha	University of Chittagong	Department of Chemistry	Synthesis and Characterization of nanomaterials for lithium ion battery	54,000/-
562	1161	Md. Rony Khan	Jahangirnagar University	Department of Environmental Science and Geography	Assessment of the Relationship Between Flood and River Bank Erosion and Mitigation Measures on the Confluence of Padma and Jamuna, Bangladesh	54,000/-
563	676	Suraia Yesmin	Khulna University	Environmental Science	An Assessment of Rainwater Quality for Drinking Purposes of Koyra Upazila in Khulna, Bangladesh	54,000/-
564	812	Tamanna Haque Mim	University of Dhaka	Disaster Science and Climate Resilience	Evaluation of Carbon Storage and Sequestration in the World's Largest Mangrove Forest (Sundarbans) using the InVEST model	54,000/-
565	1131	Farzana ferdous rafa	Khulna University	Department of Architecture	Rethinking Secondary Transfer Stations: a recycling hub to transform community attitudes/perception towards waste at Dhaka City Corporation.	54,000/-
566	1164	Suprio Das	Khulna University	Department of Electronics and Communication Engineering	Fresh or Rotten: A Convolutional Neural Network Approach to Fruit Quality Classification.	54,000/-
567	619	Limon Chandra Ray	University of Rajshahi	Statistics	Infant breastfeeding practices of Bengali mothers living in Bangladesh and India: A comparative study	54,000/-
568	1234	Nayeem Bin Zahid	University of Dhaka	DEPARTMENT OF NUCLEAR ENGINEERING	CFD study on the effect of surface roughness of varying circular rib thickness and angle for Advanced Gas Cooled Reactors on fuel centerline temperature.	54,000/-
569	489	Mohsina Akter	University of Rajshahi	Department of Physics	Structural, optoelectronic, photocatalytic and magnetic properties of Cu-doped FeVO <sub>4</sub> : A DFT study.	54,000/-
570	986	Mst. Ronjina Banu	Jahangirnagar University	Department of Mathematics	Analytical and Numerical Investigation of Two Dimensional Pipe Flow	54,000/-
571	294	Mst. Ayesha Khatun	Khulna University	Environmental Science	Assessment of quality and suitability of drinking water of Shyamnagar upazilla, Satkhira, Bangladesh	54,000/-
572	62	AESA NURAE A TOMA	Jagannath University	Statistics	Gender Disparities in the Double Burden of Malnutrition among Adolescents in Bangladesh: Analysis of the Bangladesh Adolescent Health and Wellbeing Survey 2019-20	54,000/-
573	178	Md. Muhitul Islam	Mawlana Bhashani Science and Technology University	Department of Physics	“Understanding the sensing performance of the pristine and defected MXene and MBene towards the toxic gas molecules in air by DFT studies.”	54,000/-
574	461	Papri Kundu	Khulna University	Department of Physics	Structural, morphological and microbial analysis of (HAP/GO/Co) nanocomposite for biomedical application.	54,000/-



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575	558	Md.Tosir Ahammed Bhuiyan	Comilla University	Department of Mathematics	Novel wave behaviors of the ion acoustic and Langmuir waves model	54,000/-
576	652	Sayma Zahan Akhi	Bangladesh University of Professionals	Environmental Science	Alteration of Environmental Radioactivity in Terms of Elemental Composition in Sediments of an Anthropogenically Affected Urban River	54,000/-
577	786	Sammim Tabassum Mim	University of Dhaka	Department of Chemistry	Biomass Burning Tracer Determination from Garden Green Waste Burning at Typical Rural Cooking Stove	54,000/-
578	1228	U Thoung Yine	Jahangirnagar University	Department of Physics	To Study the Structural, Electronic and Optical Properties of Pristine and Metal Doped Boron Nanocluster using Density Functional Theory (DFT).	54,000/-
579	175	Anwesha Das	Noakhali Science and Technology University	Applied Mathematics	FINANCIAL CRISIS PREDICTION IN SAARC COUNTRIES USING COMBINED VOLATILITY AND MARKOV SWITCHING MODELS BASED ON NOMINAL EXCHANGE RATE INDICATOR.	54,000/-
580	386	Md. Shah Gazi	Jahangirnagar University	Department of Chemistry	Microwave Synthesis and Characterization of some Aza-, Oxa-, Thia- flavones and Study of Their Antimicrobial Activity	54,000/-
581	174	TASKIN SAKIN	University of Dhaka	Department of Electrical and Electronics Engineering	Design and analysis of a Terahertz Microstrip Patch Antenna Based on Photonic Bandgap Substrate	54,000/-
582	43	Md. Rakibul Islam	University of Rajshahi	Department of Electrical and Electronics Engineering	Performance analysis of 6G compatible multiuser enhanced DFT-spread-OFDM system with physical layer security.	54,000/-
583	347	Md. Eyasin Hasan	Comilla University	Information and Communication Technology	Mango Plant Disease Detection Using Convolutional Neural Network Based on Leaf Images	54,000/-
584	575	Fatima majabin	University of Chittagong	Department of Chemistry	Synthesis, Characterization and In Silico Studies of Cytidine Derivatives for Antimicrobials /Anticancer Agents	54,000/-
585	843	Zalisatun Sadika Hreedi	Bangabandhu Sheikh Mujibur Rahman Maritime University, Bangladesh	Department of Oceanography and Hydrography	Spatial variation of chlorophyll concentrations in Bangladesh's central and eastern coasts related to physico-chemical parameters	54,000/-
586	876	Md. Obaydul Hossain	Khulna University	Statistics	Analysis of Postnatal Care of Mothers in Bangladesh: Multilevel Modeling and Machine Learning Approach	54,000/-
587	942	Zannatul Ferdous	University of Rajshahi	Department of Chemistry	Novel Schiff Base Transition Metal Complexes: Theoretical, Biological and Molecular Docking Studies	54,000/-
588	1107	Nourin Sultana	Noakhali Science and Technology University	Information and Communication Engineering	IoT-Based Smart Farming for Water Optimization Using Deep Learning: Enhancing Sustainable Agriculture through Precision Irrigation	54,000/-
589	1263	Konok Rani Mondal	Jahangirnagar University	Department of Mathematics	Computational study of Pulsatile Blood Flow in the Entire Coronary Arterial Tree	54,000/-
590	163	Salma Sultana	Noakhali Science and Technology University	Department of Computer Science & Engineering	DDOS Attack Detection and Analysis Using Deep Learning	54,000/-
591	404	Nahima Jahan Nishat	Jagannath University	Department of Physics	Electronic structure of disordered NiPt alloys: A first-principles study using augmented space recursion with relativistic corrections	54,000/-
592	284	Mohai Menul Islam	University of Dhaka	Leather Products Engineering	Screening, Characterization and Application of Proteolytic Bacteria in Leather Processing	54,000/-

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593	1034	Mahfuza Fariha Rahman	Bangladesh University of Professionals	Environmental Science	Estimation of Greenhouse Gas (Methane and CO2) Production in Amin Bazar Landfill by using the LandGEM Emission Model	54,000/-
594	423	Tama Rahman Khan	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Municipal Solid Waste-to-Electricity Generation Potential and Possible Emission Reduction in Dhaka City of Bangladesh	54,000/-
595	255	G.M. Zahidul Islam	University of Barishal	Department of Mathematics	Effect of boundary layer flow on flow induced phenomena inside the deflector jet pilot servo-valve.	54,000/-
596	591	Bipasha Majumder	Noakhali Science and Technology University	Department of Computer Science and Telecommunication Engineering	SentinelMail: Spam Email Detection through Natural Language Processing and Real-Time Deployment with Streamlit	54,000/-
597	157	Nishat Tasnim	University of Dhaka	Department of Meteorology	Investigation of the synoptic conditions causing the extreme precipitation in the catchments of Ganges, Brahmaputra, and Meghna causing unprecedented floods over Bangladesh	54,000/-
598	462	Rezwana Ahmed	University of Dhaka	Department of Environmental Science and Geography	Assessing Agricultural Drought and Farmers' Adaptation Strategies in North Western Part of Bangladesh: A Geospatial Approach	54,000/-
599	490	Md Ashik Ullah	University of Dhaka	Department of Oceanography	Distribution of heavy metals in the water and sediments of the Baleshwar River: a probabilistic ecological and human health risk assessment.	54,000/-
600	522	Pinki Mojumder	Bangabandhu Sheikh Mujibur Rahman Science and Technology University, Gopalganj	Department of Chemistry	Diaryl dithiocarbamate complexes of tin, molybdenum and tungsten as cheap single source precursors for two dimensional nanometal sulfides.	54,000/-
601	797	Md. Shahin Alom	University of Rajshahi	Department of Physics	Relativistic study on the scattering of $e^\pm$ from phosphorus isonuclear series	54,000/-
602	840	Fatima Marzan	University of Dhaka	Department of Chemistry	Emission of air pollutants from mosquito coils and incense stick burning in control environment and their health implications	54,000/-
603	1142	Md Rajibul Islam Mithu	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Synthesis of functionalized Activated Carbon from biomass (coconut coir) sources for waste disposal management	54,000/-
604	346	Md. Muhaiminul Haque	Jashore University of Science & Technology	Department of Environmental Science and Technology	Assessing Metal(loid)s Contamination and Plastic Pollution nexus in the Buriganga River System, Bangladesh	54,000/-
605	410	Md Sajeeb Hossen	Jahangirnagar University	Statistics	Performance Assessment of Machine Learning Algorithms for Classification of Unintended Pregnancy among Married Women in Bangladesh.	54,000/-
606	658	Shamsul Huda Shovan Fakir	University of Chittagong	Oceanography	Analyzing Sources and Preventive Strategies of Coastal and Marine Pollution in Bangladesh for Sustainable Blue Economy	54,000/-
607	276	ESRAT JAHAN ERA	University of Chittagong	Institute of Forestry and Environmental Sciences	Carbon stocks and sequestration potential by non-mangrove plant species in Teknaf	54,000/-
608	266	Shahanaz Parvin	University of Chittagong	Department of Chemistry	Synthesis, characterization and environmental application of Cobalt-doped ZIF-67 photocatalyst with excellent performance for dye degradation from waste water.	54,000/-
609	722	Md. Mostafizur Rahman	Noakhali Science and Technology University	Statistics	Predictive modeling of Dengue Outbreaks: A machine learning approach	54,000/-

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610	268	Hasina Azam Chowdhury	Jahangirnagar University	Institute of Remote Sensing and GIS	Flooding effects on everyday life and disruptions to socio economic activity in Raozan Upazilla	54,000/-
611	649	ANIK DEY	Shahjalal University of Science and Technology	Department of Chemistry	Enhancement of the sorption capacity of biodegradable adsorbents for the removal of toxic trace metals from aqueous solution.	54,000/-
612	855	Sumaiya Siddiqua	University of Dhaka	Department of Disaster Science and Climate Resilience	Quantitative Assessment of Shoreline Change and Vulnerability in Cox's Bazar, Bangladesh Using Remote Sensing and GIS Techniques	54,000/-
613	1266	ABID HASAN	University of Chittagong	Institute of Marine Sciences	A Comparative Analysis of Coastal Resource Use Conflicts and its Management Approach along the East Coast of Bay of Bengal in Bangladesh	54,000/-
614	442	Tanvia Isha	Jahangirnagar University	Department of Environmental Science and Geography	Census Data with Integration of GIS for Analyzing the Demographic, Socio- economic and Growth Center Shifting in Savar Upazila from 1974 to 2021	54,000/-
615	439	Nazmus Sultana	University of Dhaka	Department of Chemistry	Impact of Air Pollution on the School Children's at different Schools in Dhaka city, Bangladesh	54,000/-
616	39	Tanzin Akter Bobi	Mawlana Bhashani Science and Technology University	Department of Chemistry	Protection of cyclic secondary amines into amides by one pot method and their antibacterial screening	54,000/-
617	947	Md.Maruf Hossain	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	Green synthesis and characterization of biofuel (Ethanol) from kitchen wastage	54,000/-
618	1118	Joana Shahanoon Mim	Jahangirnagar University	Department of Mathematics	Inventory Control Using ERP (Enterprise Resource Planning) Neural Network for Business Enterprises in Different Circumstances and Different Times.	54,000/-
619	11	S.M. Shahriar Ahmed	Jahangirnagar University	Department of Environmental Science and Geography	Exploring the Functions and Evolving Challenges of Dholaikhal: A Geohistorical Study	54,000/-
620	79	Khandkar Masum Billah	University of Dhaka	Department of Geology	Use of fallout tracers <sup>7</sup> Be, <sup>210</sup> Pb and <sup>137</sup> Cs to distinguish the soil erosion delivering sediment to rivers in Tista fan Region.	54,000/-
621	101	Ahnaf Tahmid Abir	University of Rajshahi	Department of Electrical and Electronics Engineering	Exploring the potential of GeTe for the application in Thermophotovoltaic (TPV) cell	54,000/-
622	179	Gourab Sarker	University of Rajshahi	Statistics	Breast Cancer Histopathological Image Classification with Convolutional Neural Networks	54,000/-
623	460	Belal Hossain	Bangladesh University of Engineering and Technology (BUET)	Department of Civil Engineering	FACTOR ASSOCIATED SUSTAINABILITY OF RURAL WATER SUPPLY IN BANGLADESH: A STUDY ON FUNCTIONALITY OF ARSENIC IRON REMOVAL PLANT	54,000/-
624	555	M. Shahriar Al Hossain	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Assessment of salinity intrusion in the coastal aquifers of southern part of Bangladesh and its relationship to climate change.	54,000/-
625	568	SHAIBAL ROY	University of Dhaka	Department of Physics	In search of universality class of percolation on random multifractal planar lattice.	54,000/-
626	785	Habiba Azad	University of Dhaka	Department of Disaster Science and Climate Resilience	Development of a cyclone-induced storm surge inundation model using Delft-3D for the southern region of Bangladesh	54,000/-
627	1134	Md. Saifi Alam Nirjhor	Jahangirnagar University	Department of Computer Science & Engineering	Emotion-Sensitive Chatbot for Mental Health Support using Natural Language Processing (NLP)	54,000/-

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628	714	Azmin Zaman	Hajee Mohammad Danesh Science and Technology University	Department of Mathematics	Analysis of wave solutions of the nonlinear time-fractional Clannish Random Walker's Parabolic equation	54,000/-
629	747	Anwar Parvez Rony	Mawlana Bhashani Science and Technology University	Department of Mathematics	Population Model with Nonlinearity in the Biochemical and Biological System	54,000/-
630	453	Maria Akhtar	Jahangirnagar University	Department of Chemistry	Physico-Chemical investigation of the aggregation, modes of interaction and thermodynamics of the mixture of antibacterial drug and surfactants.	54,000/-
631	530	Md. Abdullah Al-Hosain	University of Dhaka	Department of Electrical and Electronics Engineering	Development of Electrical Impedance Imaging Method for continuous assessment of lung disease like pneumonia for children	54,000/-
632	945	Sumaiya Tabassum	Jahangirnagar University	Statistics	A Comparative Analysis Between The Heterozygosity (HET) and Linkage Information Content (LIC) for Assessing The Heterogeneity of Markers for DNA Sequencing Data	54,000/-
633	488	MD.MOSIUR RAHAMAN	University of Dhaka	Applied Statistics	Modelling Longitudinal Binary Outcomes in Presence of Missing Value by Using Marginal-Conditionol Model	54,000/-
634	483	UMME HABIBA	Jahangirnagar University	Department of Environmental Science and Geography	Analysis of WASH in Secondary Schools in Bangladesh through Joint Monitoring Program indicators: A case study on secondary schools in Cumilla City Corporation	54,000/-
635	70	Shah Sajnin Anna	University of Barishal	Department of Physics	Simulation Study for Intracellular Delivery of Biomolecules by Membrane Disruption in order to Improve Drug Delivery Technique	54,000/-
636	107	Umme Maktum	University of Chittagong	Department of Physics	"Synthesis and Characterization of Rare Earth doped Multiferroic Bismuth Ferrites"	54,000/-
637	141	Sagor Ahmad Rana	Jahangirnagar University	Statistics	Classifying diabetes status of the respondents in Bangladesh using Machine Learning Algorithms.	54,000/-
638	365	Shabnam Bashir Eka	Jagannath University	Statistics	Classical and Robust Multiple Linear Regression Model (Using Backward Elimination Procedure)	54,000/-
639	594	Mehedi Hasan Jihad	University of Dhaka	Department of Chemistry	A Ternary Composite of Polypyrrole, $\alpha$ -MnO <sub>2</sub> and Reduced Graphene Oxide as Counter Electrode Material in an Ionic Liquid Based Redox Mediator to Enhance the Performance of DSSC	54,000/-
640	612	Mobassira Islam	University of Rajshahi	Statistics	Breastfeeding and illnesses of infants in Bangladesh : A survey in Rajshahi district.	54,000/-
641	764	SHEIKH SIFAT SADIKEEN	Shahjalal University of Science and Technology	Statistics	Modeling Non-Communicable Diseases in Sylhet: A Bayesian Approach	54,000/-
642	806	Fariha Zannat	Jahangirnagar University	Department of Chemistry	Antioxidant properties of metal-Poly ( $\gamma$ -glutamic acid) complexes.	54,000/-
643	878	Fatima Tuz Johora	Khulna University	Statistics	Application of Machine Learning Based Algorithm for the prediction of Modern Contraceptive Practice among Women Aged 15-49 years in South Asian Countries	54,000/-
644	385	MD. FUAD SALAM	Jahangirnagar University	Department of Geography and Environment	Drought Vulnerability: Experienced from the Barind Tract in Bangladesh	54,000/-
645	775	Ruman Ali	University of Rajshahi	Department of Physics	DFT based pressure dependent study of the physical properties of BeB <sub>2</sub> C: a possible high-temperature superconductor.	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
646	273	Habiba Rahman	Bangabandhu Sheikh Mujibur Rahman Maritime University, Bangladesh	Oceanography	The Impact of Mesoscale Eddies on Tropical Cyclone-Driven Primary Productivity in the Bay of Bengal.	54,000/-
647	924	Md. Hasibul Hasan	University of Dhaka	Department of Chemistry	Synthesis of Cobalt Ferrite Magnetic Nanoparticles using Double Salt Ionic Liquid as a Template and their Application in Water Splitting	54,000/-
648	1089	Md. Abu Rahath	Bangladesh University of Professionals	Environmental Science	“Study on Landfill Sites and their Impacts on Soil & Water Quality of the Surrounding Areas in and around Dhaka City”	54,000/-
649	1097	Md. Ahasan Ullah	University of Dhaka	Department of Chemistry	The Study of the Phytochemicals and Biological Activity of Bark and Fruits of Respectively	54,000/-
650	675	Md. Aktarujjaman masum	University of Rajshahi	Department of Physics	First-principles pressure dependent study of the physical properties of LaPd <sub>2</sub> Bi <sub>2</sub> superconductor	54,000/-
651	1297	Parvaj Rana	University of Rajshahi	Department of Electrical and Electronics Engineering	Fabrication of Zinc Oxide/Copper Oxide Hetero-junction as Solar Energy Harvesting, by in Situ Electrochemical Process	54,000/-
652	1	Shahoriar Ratul	Comilla University	Information and Communication Technology	Improved Epidemic Routing with Buffer Management in Opportunistic Network Environment	54,000/-
653	67	MST LABONI	University of Barishal	Department of Geology and Mining	Appraisal of irrigation water quality and seasonal accessibility using IWQI and GIS in and around the Barishal district	54,000/-
654	122	Md. Shaiful Islam	University of Barishal	Department of Chemistry	Synthesis of Oxidatively Degradable Poly(diacylhydrazine) and Their Characterization	54,000/-
655	1039	Monsura Afroj Mim	University of Dhaka	DEPARTMENT OF NUCLEAR ENGINEERING	A Numerical Approach to analyze the thermal hydraulics of an assembly of a PWR reactor using Coupling Model System	54,000/-
656	343	Keya Saha Sanchita	Bangladesh University of Engineering and Technology (BUET)	Department of Mathematics	A MATHEMATICAL MODEL WITH OPTIMAL CONTROL STRATEGY OF COVID-19 AND ASTHMA DISEASE	54,000/-
657	904	Sazia Sharmin	Jahangirnagar University	Information and Communication Technology	An online social media-based machine learning method for predicting symptoms in people with post-traumatic stress disorder with cancer	54,000/-
658	799	Safin Imran	Jahangirnagar University	Department of Chemistry	Reactivity studies of [M <sub>3</sub> (CO) <sub>12</sub> ] (M=Os, Ru) trimetallic clusters with nitrogen donor ligands and investigate the various bonding mode.	54,000/-
659	297	Shohel Mia	University of Dhaka	Applied Statistics	Inference on Survival Distributions in Two-stage Randomized Clinical Trials Using Selected Ordered Subjects	54,000/-
660	765	Kulsum Binte Firoj	University of Rajshahi	Department of Physics	Synthesis and Characterization of photo luminescence properties of TiZn <sub>2</sub> O <sub>4</sub> crystals for optical device applications	54,000/-
661	99	Md. Johirul Islam Jony	University of Dhaka	Department of Oceanography	Assessing the spatiotemporal variations of Water Quality Parameters and their associated ecological and human health risks in the Western Coastal Zone of Bangladesh	54,000/-
662	117	Md. Istiak Hosen	University of Dhaka	Department of Chemistry	Synthesis of Lignin Nanoparticle-based Pesticide Formulation for the Application in Agriculture	54,000/-
663	311	Mohammad Mosfiqur Rahman	Jahangirnagar University	Department of Chemistry	Adsorption Study of Phosphate on Industrially Available Sludge in Presence of KBr Solution	54,000/-
664	474	Md. Amanullah Rishat	University of Dhaka	Department of Meteorology	Dynamical Downscaling of Surface Temperature for Present and Future CMIP6 Scenarios over Bangladesh using RegCM	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
665	562	MD. SAJIB MIA	University of Dhaka	Department of Chemistry	Assessment of physiochemical properties and Quantification of various organic pesticides, heavy metals and microplastics composition of sediment of Sitalakhya River	54,000/-
666	569	Saiful Islam Khondakar	Bangabandhu Sheikh Mujibur Rahman Science & Technology University	Statistics	Identification of potential circRNA biomarker for cancer	54,000/-
667	606	TASHRIF AHMED	Khulna University	Environmental Science	Assessment of heavy metals concentration in broiler chicks and chickens' edible tissue, sources of heavy metals and public health risk in Khulna, Bangladesh.	54,000/-
668	881	Md. Shobuj Zaman	Khulna University	Statistics	Exploring Risk Factors and Prediction of Malnutrition among Reproductive-Aged Women in Bangladesh: An application of Machine Learning.	54,000/-
669	1213	Md. Hasibul Islam	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Analysis of microplastics in rainwater, surface water, and ground water in Rajshahi and their consequences on the environment in Rajshahi City Corporation.	54,000/-
670	1305	S. M. Masud- Bin- Ali	University of Dhaka	Department of Electrical and Electronics Engineering	Assessment of Power Quality in Bangladesh Distribution Power Grid: Its Effect on Consumer Appliances and Impact on GDP in Smart Bangladesh.	54,000/-
671	870	Md. Rubaet Bin Abedin	Noakhali Science and Technology University	Oceanography	Assessment of Microplastic Pollution and Spatial Distribution at Different Sediment Depths in the Inter-tidal Zone of the Central Coastal Region of Bangladesh	54,000/-
672	513	Mst. Farzana Khanam	Comilla University	Department of Physics	SYNTHESIS AND STUDY OF THE DIELECTRIC AND MAGNETIC PROPERTIES OF COBALT AND MANGANESE CO-DOPED BISMUTH EUROPIUM FERRITE.	54,000/-
673	968	Jalal Uddin	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	Development of Chemical Pulp and Paper from Bambusa Longispiculata Bamboo Species	54,000/-
674	515	MD.MUMITH KHAN PURNA	University of Chittagong	Institute of Forestry and Environmental Sciences	Economic valuation of ecotourism and potential of cultural ecosystem services in Kaptai Area of Bangladesh	54,000/-
675	803	Hridoy Chandra Das	Khulna University	Applied Mathematics	Emotion Detection from Facial Expressions using Wavelet Feature Extraction and Machine Learning Algorithms	54,000/-
676	187	Ashraful Alam	University of Chittagong	Institute of Forestry and Environmental Sciences	Country Specific Equivalence Factor and Yield Factor For Calculating Ecological Footprint Of Bangladesh	54,000/-
677	587	S M Junaid	Jahangirnagar University	Statistics	Factors affecting women's empowerment and health seeking behavior in Bangladesh	54,000/-
678	742	Zannatul Ferdusy Shakila	Mawlana Bhashani Science and Technology University	Statistics	Burden of Diabetes and Its Complications	54,000/-
679	1055	Md. Ashraful Islam	University of Dhaka	Department of Mathematics	A study on Competitive Dynamics with Diffusion in Ecological Systems	54,000/-
680	659	Md. Rayhan	Mawlana Bhashani Science and Technology University	Department of Mathematics	The study of dengue incidence in Bangladesh by various epidemic Model.	54,000/-
681	193	MD. SABBIR AHMED MAYEN	Shahjalal University of Science and Technology	Statistics	Evaluation of Statistical Methods for Analyzing Pooled Complex Survey Data: A Simulation Study	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
682	1007	Kazi Sumaya Islam	Jahangirnagar University	Department of Mathematics	A Study on the working Principle of Flapping Motion in Nature.	54,000/-
683	392	Nadia Akter Puspo	Comilla University	Department of Mathematics	Gravitational Deflection of Light Rays: Investigating the Influence of Gravity on the Path of Light	54,000/-
684	592	Mow Islam Mukta	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Identification and Validation of Groundwater Potential Zones in the Northern Part of Bangladesh using GIS and RS Techniques.	54,000/-
685	1195	Iftekharul Islam	University of Dhaka	Institute of Disaster Management	Lightning Susceptibility in Bangladesh: Geospatial Communication for Community Preparedness and Response to the Victims	54,000/-
686	679	Md. Saiful Islam	University of Rajshahi	Statistics	Development of a Web-Tool foPrediction of Lysine Acetylation Sites Mapping on Homo sapiens by Fusing Multiple Sequence Encoding Schemes.	54,000/-
687	1309	Satu Das	Shahjalal University of Science and Technology	Department of Chemistry	Synthesis, morphology, and thermal properties of PVA-GO-NiO composites: Application as a supercapacitor	54,000/-
688	1076	Mst. Asmita Azadi Alin	Bangladesh University of Professionals	Environmental Science	Impacts of Industrial Activity on Groundwater Quality Around Dhaka City	54,000/-
689	33	Thuhidul Islam	University of Chittagong	Institute of Forestry and Environmental Sciences	Climate impacts of tree outside forest: A study focused in Anwara upazila, Chattogram district	54,000/-
690	532	Farjana Najnin	Bangladesh University of Engineering and Technology (BUET)	Chemistry	Synthesis of imines and its derivatives from di-ketone compound using heterogeneous catalysts	54,000/-
691	943	Kashpia Alam Muna	University of Dhaka	Department of Mathematics	A Study on Maximum Flow Program and It's Applications in Real Life	54,000/-
692	291	Asfia Sabrin Sumi	Jahangirnagar University	Statistics	Measuring the impact of climate change on wheat production in Bangladesh using Bayesian Hierarchical Spatial-temporal Modeling.	54,000/-
693	1019	Fatema Jannat	Bangladesh University of Engineering and Technology (BUET)	Department of Materials & Metallurgical Engineering	FIRST PRINCIPLES STUDY OF PRISTINE BLUE PHOSPHORENE TO INVESTIGATE ITS PROPERTIES AS TOXIC AND GREENHOUSE GAS ADSORBENT.	54,000/-
694	603	Tasmia Rahman	University of Dhaka	Department of Mathematics	Application of Newsvendor Problem in Inventory Management	54,000/-
695	666	Md. Mohidul Islam	University of Rajshahi	Department of Physics	DFT insights of Al <sub>2</sub> TiO <sub>5</sub> and its synthesis by solid state reaction method	54,000/-
696	807	Humayra Islam	University of Rajshahi	Statistics	Forecasting the Impact of Climate Change on Groundwater Hydrology Using Hybrid Model	54,000/-
697	298	Anika Tasnim Odora	Bangladesh University of Professionals	Department of Environmental Sciences	Determining The Sources Of Microplastic Pollution And Assessment Of Microplastic Concentration In The Balu River, Bangladesh	54,000/-
698	400	Md. Mahmudul Hasan Saiful	University of Chittagong	Department of Oceanography	Analyzing economic activities, their significance, and conflicts in Bangladesh coast with the conservation and development of coastal and marine sectors relevant to SDG	54,000/-
699	265	Raju Ahmmed	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Microwave Assisted Synthesis of Xanthan gum-Acrylamide-Polyvinylpyrrolidone Hydrogels and Their Application for Dye Removal.	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
700	744	Most. Farzana Mahmud	Begum Rokeya University, Rangpur	Department of Chemistry	Synthesis of novel magnetic Fe <sub>3</sub> O <sub>4</sub> based nanocomposite and electrochemical removal of heavy metal from aqueous solution	54,000/-
701	224	PROSANTO BANIK	University of Dhaka	Department of Leather Engineering	Preparation of eco-friendly tanning agent from Psidium guajava leaves and its application in leather processing	54,000/-
702	678	Tabassum Taspaya	University of Dhaka	Department of Chemistry	Polyoxometalates/Reduced Graphene Oxide Nanocomposites as Electrocatalysts for Oxygen Water	54,000/-
703	768	Sadia Shahana Tisha	Mawlana Bhashani Science and Technology University	Department of Environmental Sciences	Investigation of PCBs and Heavy metals in Surface Water and Sediment in Association with Ecological Risk in Urban areas of Buriganga River, Dhaka.	54,000/-
704	858	Nushrat Alam Nabila	Khulna University	Environmental Science	Determination of Heavy Metal Contamination in Agricultural Land Due to Effluent Discharge from Handloom Industries in Belkuchi, Sirajganj, Bangladesh	54,000/-
705	872	Mst. Ummay Habiba Aktar	University of Rajshahi	Department of Chemistry	Schiff Base Metal Complexes for Biomedical Applications: Molecular Modeling and DFT Approach.	54,000/-
706	849	Nazmul Haque	University of Rajshahi	Statistics	Anaemia and malnutrition of women in South Asian countries: A cross-sectional study.	54,000/-
707	1203	Jannatul Mawa	Jahangirnagar University	Department of Computer Science & Engineering	Study on Transfer Learning-Based Deep Ensemble Neural Network for Deepfake Image Detection	54,000/-
708	204	Md. Mahabubur Rahman	Noakhali Science and Technology University	Department of Computer Science & Engineering	Effect of Ukraine-Russia War & COVID-19 on International Currency Exchange Rate	54,000/-
709	1062	SINTHIA AKTER	Comilla University	Information and Communication Technology	Performance Evaluation of Real and Non-real Time Traffic under AD-Hoc Routing Protocols	54,000/-
710	199	Nazia parvin	University of Rajshahi	Applied Mathematics	A study on bright-dark solitons interaction	54,000/-
711	511	MAKSURA JAHAN	Mawlana Bhashani Science and Technology University	Department of Environmental Sciences	Determination of heavy metals to observe the textile wastewater condition and its possible effects on the environment in Dhaka, Bangladesh	54,000/-
712	1023	Mohammad Ariful Islam	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Eco-friendly Biofuel Production from Biomass and Plastic Wastes via Co-pyrolysis Process	54,000/-
713	1084	Md. Mainur Rahman	Bangladesh University of Engineering and Technology (BUET)	Department of Mathematics	A 3D Numerical Study on Flow and Heat Transfer in a Parabolic Trough Solar Collector (PTSC).	54,000/-
714	1068	Istiaque Ahamed Nabed	University of Dhaka	Disaster Science and Climate Resilience	Assessing the Impact of Land Use Change on Water Quality in Cox's Bazar through Remote Sensing	54,000/-
715	109	Afsana Siddika Khadiza	University of Rajshahi	Department of Electrical and Electronics Engineering	Transceiver design for 6G compatible UAV-Assisted multiuser OTFS system with physical layer security	54,000/-
716	655	Md. Mohibul Hasan	University of Dhaka	Department of Mathematics	Cryptography using Artificial Neural Network	54,000/-
717	455	Zannatul Ferdous Tithi	University of Dhaka	Department of Environmental Science and Geography	Land Use/ Land Cover Change and Land Surface Temperature in the Largest Cities of the Ganges Tidal Floodplain Region: An Impact Analysis on Human Thermal Comfort	54,000/-



Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
718	571	Monira ismail meem	University of Dhaka	Department of Chemistry	Synthesis and Characterization of Medicinally Important Thiazolidine-2,4-dione Heterocycles and their Derivatives	54,000/-
719	841	Shuvashish Das Shuvo	Bangladesh University of Professionals	Department of Environmental Sciences	Mechanistic Pathway of Potentially Toxic Element Dispersion in Urban River Sediment from Leather Tanning Industrial Zone	54,000/-
720	144	Masuma Sultana	Khulna University	Environmental Science	Monitoring Urban Growth and Impact on Human in Kushtia District	54,000/-
721	272	Md. Jahidul Alam	Bangabandhu Sheikh Mujibur Rahman Maritime University, Bangladesh	Department of Oceanography and Hydrography	Assessment of Groundwater Resource and Determination of Its Sustainability in the South-Central Offshore Region of Bangladesh	54,000/-
722	963	Umme Hani Siddika	University of Chittagong	Institute of Forestry and Environmental Sciences	DETECTION AND MANAGEMENT OF SPECIES DISTRIBUTION FROM COAST TO HILL OF SITAKUNDA TRACT IN RELATION TO CLIMATE CHANGE	54,000/-
723	140	Mst. Sunzida Yesmin	Jashore University of Science & Technology	Environmental Science	Potential toxic trace metals in sediments and fishes of Shitalakhya river beside industrial areas of Bangladesh: ecological and human health risks approaches	54,000/-
724	431	Md Omur Faruk	University of Dhaka	Department of Oceanography	A comprehensive study on microplastic pollution and its associated risks in the western coastal region of Bangladesh.	54,000/-
725	136	FARHANA JAHAN RUMA	Patuakhali Science and Technology University	Environmental Science	Towards a Sustainable Medical Waste Management: Current Scenario and Affordable Best Practices	54,000/-
726	183	MD. TAMIM KHANDAKAR	Jahangirnagar University	Department of Mathematics	A mathematical approach to determine the impact and effectiveness of inventory management and control practice on firm's organizational performance and competitiveness in Bangladesh.	54,000/-
727	572	ABDULLAH MUBIN	Khulna University	Department of Chemistry	Plant sources mediated green synthesis of crystalline bismuth nanoparticles and their application towards wastewater treatment.	54,000/-
728	815	Nishat Tasnim Sumaya	University of Dhaka	Department of Geography & Environment	Visual Landscape Character and Pollution in the Streets of Motijheel Commercial Area, Dhaka.	54,000/-
729	1208	Mehedi Hasan	University of Dhaka	DEPARTMENT OF NUCLEAR ENGINEERING	Elemental Analysis of the Meghna River Sediment by Neutron Activation Analysis (NAA)	54,000/-
730	533	Tonmoy Alam Shuvo	Noakhali Science and Technology University	Statistics	Early Detection of Heart Disease Using Supervised Machine Learning Algorithms and Deep Neural Networks	54,000/-
731	560	Md.Jahedul Islam	Jahangirnagar University	Department of Mathematics	Model-aided understanding of sterile insect technique to control mosquitoes in Bangladesh.	54,000/-
732	1140	Md. Imamur Rashid Gogon	University of Dhaka	Institute of Disaster Management	Exploring the Linkage Between Climate Change Adaptation, Disaster Risk Reduction, and Sustainable Development from A Community Perspective: A Case Study on the Flood Affected Community of Jamuna Floodplain	54,000/-
733	161	Mizanur Rahaman	Bangladesh University of Engineering and Technology (BUET)	Department of Physics	Tentative Title: SYNTHESIS AND CHARACTERIZATION OF MANGANESE SULFIDE DECORATED MOLYBDENUM DISULFIED NANOMATERIALS FOR ENERGY STORAGE APPLICATIONS	54,000/-
734	116	Hasan Mahdi Mahi	University of Dhaka	Department of Mathematics	A study of classification problems in machine learning.	54,000/-
735	256	Samannita Roy	Begum Rokeya University, Rangpur	Statistics	Reliable Cell Type Determination using Hierarchical Unsupervised Methods for Single Cell Transcriptomic Data	54,000/-

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736	364	Afshana Naznin Akhi	Comilla University	Department of Chemistry	Synthesis, Characterization and Properties of Cobalt-Copper ferrite/MOx@g-C3N4 ternary nanocomposites for humidity sensor.	54,000/-
737	500	Umme Shamima	Comilla University	Department of Mathematics	Optical soliton solutions of the Biswas-Arshed model in mathematical physics using distinct analytical techniques	54,000/-
738	633	Ramima Akter	Mawlana Bhashani Science and Technology University	Department of Mathematics	The new analytical scheme is used in mathematical science to investigate new efficient solutions of nonlinear biological systems.	54,000/-
739	994	Eleus Hossain	University of Rajshahi	Department of Chemistry	Qualitative and Quantitative Assessment of Edible oils, Common in the Domestic Market of Bangladesh	54,000/-
740	397	Souvik Ghosal Aranya	University of Dhaka	Applied Statistics	Measuring impact of different rural advancement policies on health, nutrition and education indicators	54,000/-
741	454	Md. Ashiqur Rahman	Jahangirnagar University	Department of Environmental Science and Geography	Role of Natural Hazards on Migration Decision-Making Process of Char Dwellers: A Case Study from Tekani Union of Kazipur Upazila in Sirajganj District	54,000/-
742	520	Sadia Maduri Rasa	Jagannath University	Department of Computer Science & Engineering	Development of the Fine-Tuned Transfer Learning Models for Brain Tumor Classifications using MRI Images.	54,000/-
743	71	Md.faysal ahmed	Mawlana Bhashani Science and Technology University	Department of Chemistry	Synthesis and Antibacterial Studies of Azo Schiff Base Containing Pyridine Ring	54,000/-
744	83	SAYEDA SONIA ISLAM	Bangladesh University of Engineering and Technology (BUET)	Department of Chemical Engineering	Fabrication of a Biochar/ZnO/CoFe2O4 photo catalytic adsorbent for the treatment of methylene blue dye under uv-irradiation.	54,000/-
745	92	S. M. Rakibul Hasan Shawon	University of Dhaka	Department of Electrical and Electronics Engineering	A 5x5 Pixelated Top Surface based Plasmonic RI Sensor with Enhanced Sensitivity for Bio-Sensing Application using Binary Particle Swarm Optimization.	54,000/-
746	521	Md. Mahmudul Hasan	Jahangirnagar University	Department of Computer Science & Engineering	A Machine Learning based Phishing Detection System for Cyber Security	54,000/-
747	564	Md Sohel Rana	Jahangirnagar University	Department of Mathematics	Model -aided understanding the dynamics of Dengue Virus with and without vaccination using SIR,SEIR and BSEIR model	54,000/-
748	664	Sharadil Afroz Sithy	Jahangirnagar University	Geological Sciences	Hydrogeological and Hydrogeochemical Investigation of Jahangirnagar University Campus and Adjacent Area, Savar , Dhaka , Bangladesh.	54,000/-
749	777	Nazmul Haque	Shahjalal University of Science and Technology	Statistics	Modeling Correlated Flood Peak and Volume with Copula-Based Joint Distribution: Improving Flood Risk Estimation in Bangladesh.	54,000/-
750	867	Ummul Jahan Tarafdar	Khulna University	Environmental Science	Exploring Water Quality, Sanitation and Hygiene Practices among Fishing Communities in Khulna Region, Bangladesh	54,000/-
751	1229	Nahid Hasan Shuvo	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Coated steel corrosion in simulated acidic aqueous medium.	54,000/-
752	367	Mithun Bala	Barishal University	Department of Mathematics	Numerical Approximation of Parabolic Differential Equation by Using Discontinuous Galerkin Method	54,000/-

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753	299	Sanjida Akter Supti	Bangladesh University of Professionals	Department of Environmental Sciences	Livelihood Resiliency in Agricultural Sector towards Climate Change in Bangladesh: A Study on Kalapara Upazila	54,000/-
754	303	ABUL BASHAR RAQIB	University of Dhaka	Department of Physics	Structural, optical and electrochemical properties of MoO <sub>3</sub> nanoparticles synthesized by hydrothermal method	54,000/-
755	585	Mahmodul Hasan Mreedul	University of Rajshahi	Statistics	Levels, patterns and differentials influencing child immunization in Bangladesh	54,000/-
756	662	Md. Nazmul Huda	Jahangirnagar University	Department of Chemistry	Reactions of diphosphine-stabilized Os <sub>3</sub> clusters with triphenylarsine: syntheses and structures of new arsine-containing tri-osmium clusters via As-Ph bond cleavage.	54,000/-
757	740	Humaira Binta Awal	University of Dhaka	Department of Physics	The study of enhanced catalytic activities of the 2D MoS <sub>2</sub> surface with alloying, stress conditioning, and doping for water splitting and Hydrogen evolution reactions: a DFT-based investigation	54,000/-
758	864	Shakira Billah	University of Rajshahi	Department of Physics	Synthesis and characterization of Co <sub>1-x</sub> Cu <sub>x</sub> Fe <sub>2</sub> O <sub>4</sub> nanocrystals for properties analysis and biomedical applications	54,000/-
759	769	Asma-UI-Hosna	Noakhali Science and Technology University	Statistics	A Machine Learning Approach for Identifying the Determinants of Bipolar Disorder among University Students in Bangladesh.	54,000/-
760	718	Fahmida Akhter Dipa	Jahangirnagar University	Statistics	An application of mean heterogeneity of markers(HET) and Polymorphism Information Content(PIC) for the assessment of heterogeneity of genetic markers.	54,000/-
761	197	Nishat Tasnim	University of Dhaka	Department of Electrical and Electronics Engineering	Microwave Technology based Biosensor for Heavy Metal Detection in Water Pollution	54,000/-
762	949	Madhuri Das	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	: Green Synthesis of Zinc Oxide Nanoparticles (ZnONPs) Using Ophiorrhiza Leaf Extracts and Exploring the Bioremediation Potential of heavy metals and Antifungal Activities	54,000/-
763	470	Zinia Haquf	University of Rajshahi	Department of Chemistry	Synthesis of Iron Oxide Nanorods for Use as Highly Efficient Magnetic Resonance Imaging (MRI) Contrast Agent	54,000/-
764	900	Tushar Sarkar	University of Dhaka	Leather Engineering	Boron-Nitride based nanocomposite and its application on leather industry.	54,000/-
765	118	Pratyya Ghosh	University of Dhaka	Department of Mathematics	A Dynamic Method for Balanced Revised Targets in Interrupted One Day International Cricket Matches	54,000/-
766	210	Anika Tahsin Biva	University of Dhaka	Applied Mathematics	A Comprehensive Study of Machine Learning Approaches for Financial Time Series Forecasting	54,000/-
767	801	Sabbir Ahmed	University of Rajshahi	Statistics	Machine Learning Algorithms to Predict Under-five Child Malnutrition in Bangladesh	54,000/-
768	480	Nazmush Shahadot Safin	University of Dhaka	Department of Environmental Science and Geography	Assessing Urban Environment and its Impact on Urban Resilience - A Geospatial Study in Dhaka City	54,000/-
769	728	Rasel Rana	University of Dhaka	Department of Mathematics	Backtesting of Expected Shortfall (ES) Using Multi-Quantile Regression: An investigation of Top Global Banks.	54,000/-
770	886	Ijaj Ahmed	Khulna University	Statistics	Identifying Socioeconomic Determinants of Maternal and Child Healthcare Utilization in Bangladesh Using a Machine Learning Algorithm	54,000/-
771	758	Jabunnacha Joya	Jahangirnagar University	Department of Mathematics	Numerical Solution of Two-Dimensional Coupled Burgers' Equation	54,000/-
772	918	Md. Sabbir Hossain	University of Chittagong	Institute of Marine Sciences	Prediction of Potential Fishing Zones Based on Chlorophyll-a Distribution and Sea Surface Temperature in the Exclusive Economic Zone of Bangladesh	54,000/-

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773	1082	Mithila Singha Oyshi	Jahangirnagar University	Department of Environmental Science and Geography	Assessing the impact of ground water extraction on water table at holding level: A Case on Dhaka City	54,000/-
774	94	Md.Al-Amin	University of Barishal	Department of Physics	Microwave Exfoliation of Graphite to Graphene nano Sheets and its Characterization.	54,000/-
775	576	Imran Chowdhury Sakib	Khulna University	Environmental Science	DEVELOPMENT AND CHARACTERIZATION OF NITROGEN-RICH ACTIVATED CARBON FOR EFFICIENT REMOVAL OF MICROPOLLUTANTS FROM WASTEWATER	54,000/-
776	66	Al-Mamun	University of Dhaka	Department of Environmental Science and Geography	Assessing the Land Use Land Cover Changes Using RS & GIS Approach: A Case Study of Mymensingh City, Bangladesh	54,000/-
777	536	Md. Wali Ullah	Noakhali Science and Technology University	Applied Mathematics	A Study by DLNMs time series approach: Impact of Geographical and Meteorological Factors on the incidence of Hand, Foot, and Mouth Disease of Children in Dhaka, Bangladesh	54,000/-
778	579	T M NAFIZ IMRAN DIPTO	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Facile Synthesis and Characterization of TiO <sub>2</sub> @MAF-6 nanocomposite for the photocatalytic degradation of emerging organic contaminants from industrial wastewater.	54,000/-
779	793	Tombica Podder	Jahangirnagar University	Statistics	Identifying the determinants that are responsible unemployment time from post graduation study using suitable Survival and Hazard models.	54,000/-
780	838	MST. MARIAM AKTAR	Jahangirnagar University	Department of Geology	GROUNDWATER DEVELOPMENT POTENTIALITY OF RANGPUR CITY CORPORATION AND SURROUNDING AREAS, RANGPUR	54,000/-
781	974	Md. Afzal Hossain	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	Assessment of health hazard insecticide of Dichlorodiphenyltrichloroethane (DDT) Residues Levels in Some Common Marine Dry Fish from Different Regions of Chattogram Division in Bangladesh.	54,000/-
782	604	Neamot Hossain	Shahjalal University of Science and Technology	Department of Chemistry	Tuning the band gap of Cadmium sulfide (CdS) by binding N-doped graphene oxide	54,000/-
783	857	Rifat Bin Hossain	University of Dhaka	Department of Environmental Science and Geography	Assessing Community Flood Preparedness and Resilience. A Case Study in Tupkarchar Village, Dewanganj Upazila, Jamalpur District.	54,000/-
784	345	Mahdi Hasan	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Geographical Distribution of Gaseous and Dust Pollutants and its associated Health Impacts In an urban area: A case Study In Chittagong City.	54,000/-
785	951	Nusrat Mustary	University of Rajshahi	Department of Chemistry	Synthesis, Characterization, and Antioxidants Studies of Some Mixed Ligand Complexes of Transition Metals Derived from Isoniazid and Amino Acids	54,000/-
786	1100	Reaz Shafqat	University of Dhaka	Theoretical Physics	Signs of Quantum Universe	54,000/-
787	277	Sojaul Islam	University of Rajshahi	Statistics	EXPLORING THE PERFORMANCE OF MACHINE LEARNING ALGORITHMS FOR PREDICTING GENERAL INDEX OF DHAKA STOCK EXCHANGE	54,000/-
788	406	Most. Sijana Sharmin	Hajee Mohammad Danesh Science and Technology University	Department of Mathematics	Exact travelling wave solutions of nonlinear medium equal width and modified kawahara equations by using $\exp(-\phi(\xi))$ -expansion method.	54,000/-
789	27	Mithun Khan	Pabna University of Science and Technology	Department of Physics	Enhanced Optoelectronic and Mechanical Properties of Lead-Free Halide Perovskite Under Pressure	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
790	492	SADIA SHIHAB SINJE	University of Dhaka	Department of Mathematics	Mathematical Modeling and Analyses of Deforestation, Climate Change and Air Pollution in Ecosystems	54,000/-
791	766	Farsa Hossain	Khulna University	Environmental Science	Assessing Ecosystem Services and Water quality of Satla Beel of Barisal in Bangladesh	54,000/-
792	898	Md. Samium Basir	Bangladesh University of Professionals	Environmental Science	Sediment's response towards the differential anthropogenic impacts in terms of potentially toxic elements in urban river.	54,000/-
793	1029	NAYEM HOSSAIN	Shahjalal University of Science and Technology	Department of Chemistry	Synthesis, morphology and thermal properties of (PPy)-GO-ZrO2 composites: Application as Supercapacitor	54,000/-
794	1113	Jayanta Biswas	Khulna University	Department of Urban & Regional Planning	MOBILITY OPERATIONS FOR FIRST AND LAST MILE OF PUBLIC TRANSPORT CONNECTION: A CASE STUDY OF MRT-6, DHAKA	54,000/-
795	32	BULBUL AHMED	Jahangirnagar University	Department of Chemistry	'CONDUCTIVITY, PHASE SEPARATION AND UV-VISIBLE SPECTROSCOPIC STUDIES OF THE INTERACTION OF CATIONIC AND NONIONIC SURFACTANTS WITH OFLOXACIN ANTIBIOTIC DRUG'	54,000/-
796	834	Jannatun Naima	University of Chittagong	Institute of Forestry and Environmental Sciences	Socio-economic and Ecological Potential of Crop fields and Litchi Based Agroforestry Practices in Bangladesh : A Case Study in Northern Bangladesh	54,000/-
797	1296	Pranta Sen	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Water Quality Assessment and Heavy Metals Analysis in Water of Shitalakhya River, Bangladesh	54,000/-
798	1009	Mariam Siddiqua	University of Chittagong	Department of Chemistry	Synthesis, Characterization, PASS, Pharmacokinetic and Molecular Docking Study of some Selectively Acylated Mannopyranosides e	54,000/-
799	1069	S M Mehedi Hasan	Bangladesh University of Engineering and Technology (BUET)	Department of Materials & Metallurgical Engineering	Study and synthesis of arrays of hierarchical Cobalt sulfides (CoS2)/MoS2 nanosheets supported on carbon nanotubes (CNT) backbone as advanced anode materials for asymmetric supercapacitor.	54,000/-
800	543	AFRINA SHAHARIN SHOVA	Pabna University of Science and Technology	Department of Chemistry	Synthesis of Silver Phosphate/Strontium ferrite/Graphene Oxide Nanocomposite for Highly Effective Catalysis for Dye Degradation and Antimicrobial Activity	54,000/-
801	925	Kefiya Zaman	Khulna University	Environmental Science	Assessment of Polycyclic Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyls (PCBs) and Organochlorine Pesticides (OCPs) in sediments of downstream Pasur, Akrapoint, The Sundarbans, Bangladesh: Source apportionment and health risk assessment	54,000/-
802	782	shahanaj parvin	Mawlana Bhashani Science and Technology University	Statistics	Exploring the Impact of Lifestyle Interventions on Hypertension	54,000/-
803	371	Nishat Tarannum	Comilla University	Mathematics	A Closer Look on Rapid Optimization to Compute an Initial Basic Feasible Solution of Transportation Problems	54,000/-
804	567	Md. Mostafizur Rahman	University of Rajshahi	Statistics	Effectiveness of psychosocial interventions on quality of life among gynecological cancer patients: A systematic review and meta-analysis of RCTs.	54,000/-
805	693	Tarequl Arefin	Shahjalal University of Science and Technology	Department of Chemistry	Design, Synthesis, Characterization, and Study on Optical Properties of Series of New $\pi$ -conjugated electron donor and electron acceptor groups linked asymmetrically substituted arylalkynes	54,000/-
806	827	Afsana Akter Setu	University of Dhaka	Department of Mathematics	A Data Clustering Algorithm Based on Minimum Spanning Tree and Cluster Centers	54,000/-

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807	877	Noshin Nawar Jahan	Jahangirnagar University	Department of Environmental Science and Geography	Coupling Land Use Land Cover, Land Surface Temperature and Air Temperature for Analyzing the Urban Heat Island Intensity to Make a Sustainable City	54,000/-
808	905	M M Asaf Ullah	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	Synthesis of lipid nanoparticles (LNPs) for biomedical applications from fish waste	54,000/-
809	965	Mst. Rujina Khanam Rujy	Begum Rokeya University, Rangpur	Statistics	Application of eXplainable AI (XAI) for identifying risk factors and prediction of diabetes in Bangladesh.	54,000/-
810	1060	Ritu Roy	University of Chittagong	Department of Chemistry	Synthesis and characterisation of Ni-doped ZnO nanoparticles for highly efficient dye degradation and heavy metal separation.	54,000/-
811	1085	Mahmudul Hasan	Islamic University, Kusthia	Department of Environmental Science and Geography	Analyzing Temperature Patterns Using Google Earth Engine(GEE) : A Case Study on Saintmartin Island Bangladesh	54,000/-
812	504	Sadia Islam Maria	University of Dhaka	Department of Environmental Science and Geography	Analysing impacts of flash floods on livelihood, health and wellbeing at Taherpur in Sunamganj; A gendered analysis.	54,000/-
813	471	Md Tareq Rahman	University of Dhaka	Applied Statistics	Neonatal and Infant Mortality in Bangladesh : An Extensive Study using Frailty Models	54,000/-
814	553	Umme Kulsume Shaun	Mawlana Bhashani Science and Technology University	Department of Mathematics	A comparative study on the solutions of boundary value problems using Grünwald–Letnikov fractional derivative.	54,000/-
815	716	Md. Tamjidul Riddwan	Khulna University	Environmental Science	Evaluation of Spatio-Temporal Fluctuation in Water Quality and Morphological Analysis of Tongi Khal: A Research on Turag River, Dhaka,Bangladesh	54,000/-
816	839	Raisa Binte Huda	University of Dhaka	Geography and Environment	A Knowledge-Based Investigation Into Urban Agglomerations: Evidence From Industrial Clusters in Bangladesh	54,000/-
817	896	Anika Tahsin	Khulna University	Environmental Science	Chemical composition and assessment of heavy metal contamination of water in irrigation and aquaculture in Assasuni Upazila, Satkhira,Bangladesh	54,000/-
818	920	Towfika Tamanna	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Investigation of Soil quality and Heavy metal Concentrations from a Landfill site, Tangail.	54,000/-
819	670	Md Delowar Hosen	Jashore University of Science & Technology	Department of Computer Science & Engineering	HardMix: Considering Difficult Samples in Mixup based Data Augmentation to Enhance Generalizability of Deep Learning Models.	54,000/-
820	1285	Afsar Uddin	University of Chittagong	Department of Mathematics	Study of CFD Simulations for Leak Detection in Gas Transmission Networks	54,000/-
821	964	Sumaiya Akter	Comilla University	Information and Communication Technology	Crime Hotspot Mapping And Evaluation In Bangladesh Using Machine Learning	54,000/-
822	357	Rahima Khatun	Mawlana Bhashani Science and Technology University	Department of Environmental Sciences	Assessment of the Physico-chemical Properties of Leachate from Shambhuganj Landfill Site on Surface Water Quality of the Brahmaputra River, Mymensingh.	54,000/-
823	17	Md Mehadi Hasan	University of Dhaka	Department of Environmental Science and Geography	Impact of salinity intrusion on the coastal region of Bangladesh: A case study in Kashimari union, Shyamnagar Upazila, Satkhira	54,000/-

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824	58	Mosammat Rifat Sultana Keya	Jahangirnagar University	Department of Chemistry	Study the pyrolysis of alkyne coordinated triruthenium cluster(s) [(μ-H)Ru <sub>3</sub> (CO) <sub>7</sub> (μ <sub>3</sub> -C <sub>2</sub> Ph)(μ-dppm)(P(C <sub>4</sub> H <sub>3</sub> X) <sub>3</sub> )] (X = O, S); dppm = (1,1-Bis(diphenylphosphino)methane): Synthesis, Structure and Spectroscopic Studies.	54,000/-
825	456	Meem Haque	Khulna University	Statistics	Spatial trends and socio-economic inequalities of anemia among under-five children in 31 Low and Middle-Income Countries.	54,000/-
826	665	Md. Ful Mia	University of Rajshahi	Statistics	Depression and anxiety: Their impact on health	54,000/-
827	752	Asma Ul Hosna	University of Dhaka	Applied Statistics	Digital Empowerment: Tracing the Evolution of Media Adoption among Women in Bangladesh using two latest rounds of the Multiple Indicator Cluster Survey	54,000/-
828	1279	Tasnim Tarannum	University of Dhaka	Department of Electrical and Electronics Engineering	Efficient and Reliable classification of plant diseases using Convolutional Neural Networks.	54,000/-
829	1154	MST.Farjana Akter	University of Dhaka	Department of Environmental Science and Geography	Density, pattern and Concentration of Population in Chittagong Hill Tracts Region, Bangladesh	54,000/-
830	1079	Mohammad Saimon Islam	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Occurrence, Spatial Distribution and Ecological Effect of Microplastics in Water Samples of Kaptai Lake, Bangladesh	54,000/-
831	452	Mahomuda Khatun Urmī	Jashore University of Science & Technology	Department of Mathematics	Analysis of Solutions of a phase field model for binary alloy solidification.	54,000/-
832	826	Tazia Rahman Eshan	University of Chittagong	Department of Chemistry	Synthesis, molecular modeling and biological activities of some metal complexes of a new unsymmetrical Schiff base.	54,000/-
833	983	Zannatul Adan	University of Chittagong	Department of Chemistry	Synthesis, DFT calculations, characterization and biological activities study of new schiff base ligands and transition metal complexes.	54,000/-
834	1117	Most.Kulsum Khatun	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Development of garlic extract incorporated gelatin/polyvinyl alcohol composite for wound healing application.	54,000/-
835	81	Salah Uddin Ammar	University of Dhaka	Department of Chemistry	Electrodeposition of Binary and Ternary Alloys of Al, Ni, and Co from Ionic Liquid-Based Reverse Microemulsions with Controllable Deposit Morphology	54,000/-
836	554	Md. Towhid-Al-Belaoyal	University of Rajshahi	Statistics	Factors Influencing Fertility Decline in Bangladesh	54,000/-
837	627	NUSRAT JAHAN	University of Dhaka	Department of Meteorology	Determination of Carbon sequestration capacity of Dhaka city	54,000/-
838	651	RAJU CHANDRA DATTA	Jahangirnagar University	Department of Mathematics	Population Projection of Bangladesh by Using a Partial Differential Equation Model.	54,000/-
839	715	Khndoker Tamim	Mawlana Bhashani Science and Technology University	Department of Physics	Study of Purity Identification and Magnetization of Several Ferrites Compounds.	54,000/-
840	861	Sushmita Barua	University of Dhaka	Geography and Environment	Landslide Vulnerability and Socio-economic Impact in Chattogram City Area, Bangladesh	54,000/-
841	1108	Md. Rubaiyat Al Haseeb Hridoy	Jahangirnagar University	Statistics	The Effect of Daily Positive and Negative Affect Schedule (PANAS) Control on University Students' Academic Performance Using Advanced Stochastic Modeling	54,000/-
842	433	Nusrat Ara Nupur	Shahjalal University of Science and Technology	Geography and Environment.	Reflection on green spaces and urban life from Sylhet City, Bangladesh	54,000/-

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843	1013	Fatema-Toj-Johora	Comilla University	Department of Physics	Investigation of Structural, Magnetic and Transport Properties of Cobalt doped BiFeO <sub>3</sub> multiferroics	54,000/-
844	936	Emam Nusrat Nupur	Bangladesh University of Professionals	Environmental Science	Evaluation of Soil and water quality Status in the vicinity of metal industrial area around Dhaka city	54,000/-
845	957	Atiqur Rahman	University of Chittagong	Department of Chemistry	Cost-effective removal of chromium from industrial wastes using bio-sorbents.	54,000/-
846	250	Anayat Ullah Khan	Jashore University of Science & Technology	Department of Mathematics	Investigation of the Drug Delivery Mechanism into the Distal Lung Airways by an In Silico Approach	54,000/-
847	30	Iftekharul Islam Iftu	University of Chittagong	Institute of Forestry and Environmental Sciences	Impact of Co-Management on PA Conservation : A comparative study between two neighboring PAs	54,000/-
848	1098	RAKIBUL ISLAM	University of Rajshahi	Department of Chemistry	One-step synthesis and characterization of metallic bismuth and tannic acid-based nanocomposite particles for catalytic application	54,000/-
849	114	A.K.M. Rayhan	University of Dhaka	Department of Mathematics	The impact of stochastic factors on dengue transmission in Bangladesh.	54,000/-
850	132	Rukaia Khatun	Pabna University of Science and Technology	Department of Physics	Comparative exploration of physical features of La-based ternary intermetallic superconductors LaM <sub>2</sub> Si <sub>2</sub> (M=Co, Cu, Rh, Pd, Ag, Ir, Pt, Au) through DFT simulation.	54,000/-
851	559	Faria Mahzabin Anika	Jahangirnagar University	Remote Sensing and GIS	Assessing the Impact of Building Development on Urban Green Space in Mymensingh City Corporation: A Remote Sensing and GIS analysis.	54,000/-
852	597	Amita Kha Nishu	Mawlana Bhashani Science and Technology University	Department of Physics	Theoretical Analysis of the Structural Properties of Nickel-Zinc Ferrite	54,000/-
853	809	Md. Shariful Islam	University of Rajshahi	Statistics	Malnutrition of under-five children in selected South Asian countries: A comparative study	54,000/-
854	248	SM Rafiul Karim Minzadi	University of Dhaka	Leather Products Engineering	Sustainable Transformation of Waste Leather: Exploring Bonded Leather Fabrication for Eco-Friendly Practices in the Leather Industry.	54,000/-
855	1132	Mohammad Wafiul Kawnain	Comilla University	Department of Physics	DFT Investigation of Au and Co-Doped BaTiO <sub>3</sub> Perovskite for Comprehensive Analysis of Structural, Electrical, and Optical Properties.	54,000/-
856	960	Nazmul Hasan	University of Dhaka	Applied Mathematics	Machine Learning Approach to Predict Patient-specific Hemodynamics in Abdominal Aorta.	54,000/-
857	449	Md. Rashed Miah	University of Rajshahi	Department of Electrical and Electronics Engineering	Design and performance analysis of TiS <sub>3</sub> based thin film photodetector	54,000/-
858	928	Most. Johura Khatun	Bangladesh University of Engineering and Technology (BUET)	Department of Chemistry	FABRICATION OF MECHANICALLY TOUGH AND HIGHLY STRETCHABLE ORANGE PEEL DERIVED PECTIN BASED HYDROGEL	54,000/-
859	28	Md. Shaikat Hasan	University of Dhaka	Department of Chemistry	Synthesis and Characterization of Biomass-Derived Hydroxypropyl Methylcellulose (HPMC) and HPMC-Silver Nanocomposite (HPMC-AgNPs) for Pharmaceutical Applications	54,000/-
860	563	Most.Fatema akter	University of Dhaka	Leather products Enineering	Fabrication and characterization of Leather shaving dust switchboard	54,000/-
861	759	MD. MASUDUR RAHMAN	Jahangirnagar University	Department of Physics	Optical, Electrical,Structural and Morphological properties of Na <sup>+</sup> and Ba <sup>2+</sup> doped spin coated CZTS thin film.	54,000/-
862	850	Khandoker Faiaz Ishtiak	Khulna University	Environmental science	Spatiotemporal Evolution and Influencing Mechanism of Ecosystem Service Value in South-Central Coastal Region of Bangladesh	54,000/-



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863	927	Pranta Bhowmik	Bangladesh University of Engineering and Technology (BUET)	Department of Civil Engineering	Environmental and cost life cycle assessment of different alternatives for improvement of Dasherbandi Sewage Treatment Plant in Bangladesh	54,000/-
864	820	Kamrun Nahar	University of Chittagong	Environmental Science	Status and Potentials of Solar Energy Utilization in Cumilla through Life Cycle Assessment Perspective	54,000/-
865	863	Nowme Sharna Mafi	University of Rajshahi	Department of Physics	Insight into the structural, mechanical, optoelectronic, and thermodynamical properties of K <sub>2</sub> X <sub>3</sub> (X = S, Se) by DFT investigation	54,000/-
866	1051	Sharmin Akter Lira	University of Dhaka	Department of Geography and Environment	Consequences of Water-logging on Livelihood and Health of Local People in Old Dhaka: A Case Study in Dhaka South City Corporation (Ward no: 27)	54,000/-
867	931	Nishita Yasmin	Mawlana Bhashani Science and Technology University	Department of Mathematics	Vehicle Movements Decision in Dhaka-Tangail Highway Using Nash Equilibrium-based Game Theory	54,000/-
868	956	Ummeh Sadia	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	Assessing Trace Metals Based Carcinogenic and Non-carcinogenic Health Risk in the Highly Consumed Vegetables Collected from the Industrialized and Non-industrialized Zone of Bangladesh and Identification of their Potential Sources	54,000/-
869	208	Md.Foysal Ahamed Roni	Jahangirnagar University	Statistics	A Stochastic Illustration in Measuring and Assessing Social Mobility of Rural and Urban Areas in Bangladesh.	54,000/-
870	544	Md. Shahriar Mahmud	Jagannath University	Department of Chemistry	Occurrence and characterization of microplastics in the tap water of Dhaka city, Bangladesh	54,000/-
871	1288	Md. Foysal Ahmed	University of Barisal	Department of Chemistry	An attempt to synthesize oxidative degradable polyurethane and their characterization	54,000/-
872	130	Md.Abid Hasan	University of Rajshahi	Materials Science and Engineering	First-principles study to explore the electronic, optical, vibrational, and various physical properties of ferromagnetic YMO <sub>3</sub> (M= Mn, Fe) crystal.	54,000/-
873	598	Mehedi Hasan Jony	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Appraisal of Physico-chemical and Biological Status of Estuarine Water Quality Towards Classification of Estuary in the South Western Coast of Bangladesh.	54,000/-
874	731	Fariha Rahman	Khulna University	Department of Chemistry	Synthesis and Characterization of Nickel Ferrite NiFe <sub>2</sub> O <sub>4</sub> nanoparticles(NFNPs) and its Utilization on Production of Biodiesel.	54,000/-
875	1281	Afsana Rahman Supria	University of Dhaka	Department of Geology	An Integrated Geophysical, Geological and Hydrological Investigation of the Natural and Anthropogenic Hazards in Cox's Bazar City, Bangladesh.	54,000/-
876	234	JANNATUL ALAM RONY	Khulna University	Department of Physics	Optimization of Neutron yield from a Dense Plasma Focus Device Using Lee Code	54,000/-
877	921	Kashfi Shormita Kushal	Jagannath University	Department of Computer Science & Engineering	Stacking Ensemble Based Cyber Attack Detection Using Machine Learning Approaches	54,000/-
878	961	MST. FAMIM TASFIA	Begum Rokeya University, Rangpur	Statistics	Predicting mental health problems among Bangladeshi university students using machine learning algorithms	54,000/-
879	465	Md. Shad Ibna Rahman	University of Barisal	Department of Physics	Simulation and analysis of MEMS based Piezoresistive Pressure Sensor to Design Highly Sensitive Sensor	54,000/-
880	546	Taslima Sharker	University of Dhaka	Department of Physics	Synthesis and characterization of MIL-100 (Fe) and LiCl based composite adsorbents for atmospheric water harvesting application	54,000/-
881	599	Md. Abdul Aziz	Pabna University of Science and Technology	Department of Mathematics	Spreading behavior of an invasive species with free boundary	54,000/-

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882	1173	Jannatul Mawa	Jahangirnagar University	Department of Environmental Science and Geography	Assessing the Importance of School Playground for Students	54,000/-
883	1074	Fahmida Rahman	University of Barishal	Department of Physics	Membrane Disruption and Pore Forming Ability of Antimicrobial Peptide Dendropsophin 1 and Its Analogues Using Molecular Dynamics Simulation	54,000/-
884	685	Nishat Tasnim Esha	University of Rajshahi	Statistics	Role of women in family health improvement	54,000/-
885	879	Md. Tarequl Islam	University of Dhaka	Department of Chemistry	Characterization of ambient PM2.5 bound Polycyclic Aromatic Hydrocarbons (PAHs) in plastic recycling industries of Dhaka, Bangladesh	54,000/-
886	952	Iffat Jahan Mumu	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	Removal of heavy metal from wastewater.	54,000/-
887	1172	Md. Habibur Rahman	University of Dhaka	Institute of Disaster Management	Accessibility and Locational Suitability of Healthcare Services in the flood prone Sunamganj district of Bangladesh: A Geospatial Analysis.	54,000/-
888	792	FATEMA AKTER	University of Chittagong	Department of Chemistry	Glucose-Aspirins : Synthesis, Characterization, PASS, Antimicrobial and Molecular Docking for COX Inhibition.	54,000/-
889	959	MD. RAKIBUL ISLAM	University of Rajshahi	Statistics	Association of CDKN1A Gene with Multiple Cancer Risks: A Systematic Review and Meta-analysis	54,000/-
890	1008	Jannatul Ferdous Mohua	University of Dhaka	Department of Mathematics	Transmission Dynamics of Malaria and Meningitis Co-infection: Mathematical Modeling Approach	54,000/-
891	310	Md. Jakir Hossain	Jahangirnagar University	Remote Sensing and GIS	Evaluating Spatiotemporal Changes of Urban Surface Water Based on Machine Learning and Google Earth Engine Platform in Dhaka City From 1990-2021	54,000/-
892	333	Jakia Begum	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	.Observation of Atmospheric Methane Emissions Using Satellite Data and their Spatial and Temporal Variation Across the Country of Bangladesh.	54,000/-
893	643	Sadman Shahriar Chowdhury	Khulna University	Environmental Science	PLASTIC BIOCHAR-BASED COLUMN FILTRATION SYSTEM FOR GREYWATER TREATMENT	54,000/-
894	999	Mahamudun Nabi	University of Rajshahi	Department of Physics	Study of ternary metal chalcogenides CuGaX <sub>2</sub> (X= S, Se and Te) for solar photovoltaic applications.	54,000/-
895	1167	Emon Barua	Shahjalal University of Science and Technology	Department of Environmental Science and Geography	Quantifying the impact of light pollution on biodiversity: A geographical investigation on Chattogram hilly area	54,000/-
896	923	Abdullah Al Jaid Jim	Khulna University	Department of Electronics and Communication Engineering	Classifying Artificially and Naturally Ripened Fruits using VOC Sensors and Images	54,000/-
897	1066	Maisha Fahmida Hossain	Bangladesh University of Professionals	Environmental Science	Assessment of Phytoplankton Diversity and Productivity with Relation to Water quality of Shitalakkhya River	54,000/-
898	95	Rownok Jahan	University of Dhaka	Department of Environmental Science and Geography	Air Pollution and Health Risk from Coal Dust in the Vicinity of Coal Delivery Areas in Bangladesh: A Case Study of the Nagarbari River Port, Pabna	54,000/-
899	111	Protity Saha	Bangladesh University of Professionals	Department of Environmental Sciences	Green Synthesis of Gold Nanoparticles from Taro Plat for Sensing Nitrite from Water	54,000/-

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900	195	Zarin Tusnim	University of Dhaka	Applied Mathematics	An evolutionary game modeling overview to perceive the ability of quarantine and social distancing policy to mitigate the spread of disease.	54,000/-
901	240	Md. Showkat Hossan	University of Chittagong	Statistics	Impact of some Agricultural Export goods on Economic growth: A comparative Study of Bangladesh and India.	54,000/-
902	369	Nusrat Faria Shahrin	Comilla University	Department of ICT	Depression Prediction on Social Media Using a Noble LSTM-SVM Approach	54,000/-
903	377	MOHAMMAD SHIFAT RAIHAN	University of Chittagong	Department of Mathematics	Study on the evolution of isotropic universe in modified theory of gravity.	54,000/-
904	417	Abdul Awal	Comilla University	Department of Chemistry	Synthesis of CoAg-LDH and its application as catalyst for electrochemical water splitting by interface-coupling on MXene	54,000/-
905	779	Mallik Tanjim Rafi	University of Rajshahi	Statistics	COVID-19 MANAGEMENT ISSUES BY THE CONCERNING MINISTRIES: A TEXT MINING APPROACH	54,000/-
906	800	Md.Monower Anjum Niloy	Mawlana Bhashani Science and Technology University	Department of Mathematics	Search and Analyzing the Projection of Forecasting Population of Bangladesh and Those are Compare with other Country Using Various Population Model.	54,000/-
907	1186	Md. Abu Saeem Shawon	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Production of a Single- Component Water- Based Photo- Sensitive Emulsion for Screen Printing.	54,000/-
908	1129	Sujit Halder	University of Barishal	Department of Physics	Sphingosine-1-phosphate (S1P) Transport Mechanism Mediated by SPNS2 Transporter: Molecular Dynamics Study	54,000/-
909	1018	Mehedi Hasan Ashik	Jagannath University	Geography and Environment	Spatial Analysis of Social Safety Net Programs of Bangladesh	54,000/-
910	910	Abu Darda Mohammad Zobair	Noakhali Science and Technology University	Applied Mathematics	“POPULATION GROWTH OF DHAKA CITY USING MATHEMATICAL MODELLING”.	54,000/-
911	1063	Rashed Sikder	University of Dhaka	THEORETICAL PHYSICS	Investigating the Impact of Inter-Ionic Pair Interactions on the Atomic Transport Properties of Liquid Bismuth (Bi), Copper (Cu), and Cadmium (Cd)	54,000/-
912	1191	Md. Faisal Ahmed	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Development of Kappa Carrageenan, Carboxymethyl Cellulose and Acrylamide Blend Hydrogel by Microwave Irradiation and Determination of its Dye Absorption Behaviour.	54,000/-
913	1182	Md. Hero Hossain	Islamic University, Kusthia	Information and Communication Technology	Envisioning Early Detection: Advancing Brain Stroke Diagnosis Using Vision Transformer (ViT)	54,000/-
914	31	Md. Ashif Ibn Azad	University of Chittagong	Institute of Forestry and Environmental Sciences	Linking Soil Properties to Small-Scale Watershed Health in Bandarban District	54,000/-
915	191	Md. Iftaul Ahad	University of Dhaka	Institute of Energy	Assessment of Hydropower Potential Sustainability Using Remote Sensing and GIS Techniques: A Case Study of Chattogram River Basin in Bangladesh	54,000/-
916	499	Nazim Uddin	University of Dhaka	Department of Environmental Science and Geography	Oil Spill Monitoring and Remediation in the Eastern Coastal Area of Bangladesh by Using Remote Sensing and GIS Techniques.	54,000/-
917	1150	MD. ARIF AR RAFI	Khulna University	Department of Electronics and Communication Engineering	Performance Analysis of Error Correction Codes Incorporated with Single Carrier and Multicarrier Modulation Techniques for Wireless Communications: An Exit Chart Approach.	54,000/-
918	794	Tuhinur Rahman	University of Rajshahi	Department of Chemistry	Isolation and characterization of components, having Alpha-Amylase inhibitory activity, from Ficus Glomerata.	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
919	36	Jannatul Maowa	University of Chittagong	Environmental Science	Source Apportionment of Industrial Water Pollutants in Chattogram Metropolitan Area	54,000/-
920	577	Most. Alema Akter	Hajee Mohammad Danesh Science and Technology University	Department of Physics	Study of Radioactivity Produced by TRIGA Mark -II Research Reactor in Bangladesh Under Severe Accidental Scenario	54,000/-
921	1059	Hridoy Kumer Dass	Hajee Mohammad Danesh Science and Technology University	Statistics	A Comparative Analysis of Wheat Production in the Northern Region of Bangladesh: Assessing the Performance of Certified Seeds vs. Uncertified Seeds.	54,000/-
922	10	Naimur Rahman	Hajee Mohammad Danesh Science and Technology University	Department of Physics	Simulation and Optimization of TMDC Solar Cells under Space Radiation Environment using Geant4, SCAPS, and Enhanced Analysis Techniques	54,000/-
923	155	Md. Nazmul Islam Nahin	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Synthesis of hybrid hydrogel crosslinked with nanomaterials for environmental remediation	54,000/-
924	467	Shahin Khan	University of Dhaka	Meteorology	Study of Inter annual Variability of Bangladesh Monsoonal Climate (Rainfall and Temperature) and Derive Linkages with Global Circulation and Teleconnection Parameters	54,000/-
925	1240	Adiba Zaman	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	DETECTING AND QUANTIFYING MICRO-PLASTICS IN ENVIRONMENTAL SAMPLE OF BANGLADESH	54,000/-
926	425	Sorotoshini Haque Uttsha	Hajee Mohammad Danesh Science and Technology University	Department of Chemistry	Synthesis and Characterization of Some Carboxymethyl Cellulose Derivatives with Antibacterial and Cytotoxicity Properties	54,000/-
927	914	Md.Solaman Mia	Noakhali Science and Technology University	Applied chemistry and Chemical Engineering	Fabrication of Dye sensitized solar cell based on natural dye and improvement the efficiency by doping silver nanoparticle and iron into titanium dioxide (TiO <sub>2</sub> ) photoanode.	54,000/-
928	985	FARIYA AFRIN	University of Chittagong	Department of Chemistry	Synthesis, characterization and application of metal/metal oxide nanoparticles for solar cell	54,000/-
929	288	S. M. Mahatab Uddin	Noakhali Science and Technology University	Department of Oceanography	Distribution and evaluation of heavy metals concentration in water and sediment of the Hatiya Island, Bangladesh	54,000/-
930	495	Noor Afsary	Khulna University	Department of Physics	Analysis of Electro-Optic Switching Properties Realized with the Compact Asymmetric Bezier-Bend Waveguide-based Directional Couplers for High-Performance Computing Systems	54,000/-
931	754	Jannat akter juti	Jahangirnagar University	Department of Chemistry	Synthesis of long chain amine derivatives and their lead iodide complexes as photo absorbent in perovskite solar cell	54,000/-
932	370	Mumta Hinah Fiha Meghla	University of Rajshahi	Department of Physics	Characterization of ANbO <sub>3</sub> (A=Ag,Cu) thin film & DFT evaluation	54,000/-
933	1104	Mohammad Rony	Noakhali Science and Technology University	Department of Computer Science & Engineering	Early Detection of Parkinson's Disease Using Image Processing and Convolutional Neural Network	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
934	46	Md. Rezaul karim	University of Chittagong	Department of Chemistry	Optimization and validation of RP-HPLC method to determine antibiotics residue in animal derived foods.	54,000/-
935	293	Sazzat Hossain	Jahangirnagar University	Department of Mathematics	Estimation and Projection of Population of Dhaka City Based on Numerical Simulation of Logistic Population Model.	54,000/-
936	944	Ashik Mahmud	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	SUITABILITY OF ECO-FRIENDLY PULPING, BLEACHING AND PHYSICAL PROPERTIES OF PULP OF BHUDUM BAMBOO (DENDROCALAMUS GIGANTEUS).	54,000/-
937	133	Rejuana Ferdous	Pabna University of Science and Technology	Department of Physics	Tuning of band gap of double Perovskite materials Ga <sub>2</sub> TiX <sub>6</sub> (X = Cl, Br, I) by applying pressure for optoelectronic device applications: A DFT based simulation.	54,000/-
938	360	Saleh Ahmad Sifat	University of Dhaka	Department of Geology	Geochemical Constraints and Geophysical Opportunities of Aquifers in Munshiganj, Bangladesh	54,000/-
939	547	Marvina Rahman Ritu	Khulna University	Department of Environmental Sciences	Exploring the Influences of Institutional Waste Management Practice on Drinking Water Quality and Sanitation Facilities among Disaster Prone Communities in Dacope, Khulna.	54,000/-
940	613	Afiath Islam Adhara	University of Dhaka	Department of Chemistry	Synthesis and Characterization of Chalcones, and Their Derivatives with o-Phenylenediamine and Study on Their Biological Activities	54,000/-
941	761	Tanjina Harun Meem	University of Rajshahi	Department of Physics	Synthesis and Characterization of Sm and Ni co-doped BiFeO <sub>3</sub> Nanopowder Prepared by Sol-Gel Method	54,000/-
942	816	Mizu Ahmed	Hajee Mohammad Danesh Science and Technology University	Department of Electronics and Communication Engineering	Design a Self-Pruning-based Generic Broadcast Protocol to Minimize Redundancy by using Less Neighborhood Information for Mobile Ad-Hoc Networks.	54,000/-
943	1135	Taifur Rahman Tonmoy	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Fabrication of Novel Nanohybrid Material Containing Ternary Composite of Kaolinite/Silica based metal oxides, such as TiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , Al <sub>2</sub> O <sub>3</sub> , NiO etc. and Chitosan for the Removal of Cationic and Anionic Azo Dyes.	54,000/-
944	1286	Most. Samsunnahar Misti	University of Barishal	Department of Chemistry	Synthesis, characterization, and analysis of oxidatively degradable poly (diacylhydrazine)	54,000/-
945	1103	Md. Ziadul Islam	University of Chittagong	Department of Chemistry	Synthesis and characterization of Cu- doped ZIF-67 photocatalyst with excellent performance for dye degradation and antibacterial activity.	54,000/-
946	430	Md. Abu Sayem	University of Dhaka	Department of Environmental Science and Geography	Assessing soil nutrients loss and its impact on agricultural productivity and sustainability using GIS and Remote Sensing in Daulatpur Upazila, Kushtia, Bangladesh.	54,000/-
947	237	SHAMSED HOSSEN	Comilla University	Statistics	Flood Prediction in Bangladesh: A Comparative Analysis of Modern Machine Learning Algorithms.	54,000/-
948	282	Kazi Kanis Fatema	University of Barishal	Department of Chemistry	Preparation and Characterization of Titanium Dioxide (TiO <sub>2</sub> )Nanoparticles and It's Application for Wastewater Treatment	54,000/-
949	162	MD. HEMAIT HOSSAIN	University of Rajshahi	Department of Geology and Mining	Analytical Study of Heatwave in western Part of Bangladesh	54,000/-
950	674	SHARMIN AKTAR LAIZU	Jagannath University	Statistics	Chronic morbidity among elderly population and it's determinants: Findings from a cross sectional survey in Bangladesh	54,000/-
951	169	Md. Kamrul Hasan Ridoy	University of Dhaka	Footwear Engineering	Study on Almond Peel as a Natural Adsorbent for Dye Remediation	54,000/-
952	734	Md.Mehedi Hasan	University of Rajshahi	Applied Mathematics	Coinfection Dynamics of Human Papillomavirus (HPV) and Human Immunodeficiency Virus (HIV): Bangladesh Perspective	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
953	996	M. ASIF JAWAD ZEEM	Hajee Mohammad Danesh Science and Technology University	Department of Physics	Study on the production and application of HHO gas from water using solar energy.	54,000/-
954	1121	Marjia Jannatul Mukta	Bangladesh University of Professionals	Department of Environmental Sciences	Towards Sustainable Food Security in Bangladesh: A Comprehensive Analysis of Policies, Practices, and Initiatives to Achieve SDG 2	54,000/-
955	1123	Foysal Mahmud	University of Dhaka	Department of Chemistry	The Study of Secondary Metabolites and the Biological Activities of the plant <i>Paederia foetida</i> ( Ghandha malati )	54,000/-
956	519	Hijbullah Farazi	Noakhali Science and Technology University	Applied Mathematics	Evaluating the Impact of Environmental Factors on Tiger-Deer Interactions in the Sundarbans: A Lotka-Volterra Modelling Approach	54,000/-
957	978	Mst. Sumaya Sultana	Begum Rokeya University, Rangpur	Statistics	Investigating the risk factors and predicting dengue incidence in Bangladesh using explainable machine learning model	54,000/-
958	209	MD. NURUZZAMAN	University of Rajshahi	Department of Geology and Mining	Geoelectrical Characterization of Lower Tista Floodplain Aquifer, NW-Bangladesh	54,000/-
959	90	Farzana Yasmin Nupur	Jahangirnagar University	Department of Environmental Sciences	Environmental Radioactivity in differential environmental components: Source Apportionment and health risks	54,000/-
960	405	Tamanna Islam Tania	Jagannath University	Department of Geography and Environment	Impact and recovery of cyclone Mocha: lessons learned from Saint Martin Island	54,000/-
961	757	Noushin Akter Trina	University of Dhaka	Applied Mathematics	Effects of Different Aspect Ratio, Viscous Dissipation and Variable Viscosity on the Earth's Mantle Convection	54,000/-
962	767	Razia Sultana Swarna	Mawlana Bhashani Science and Technology University	Department of Mathematics	Investigation and Development of the SIR and SEIR models based on COVID-19.	54,000/-
963	833	Mst.Srabony Akter	University of Rajshahi	Statistics	Prevalence and determinants of child malnutrition in Bangladesh	54,000/-
964	1137	Fahmida Begum Mou	Comilla University	Statistics	Challenges of sustainability of health sector in 4 South Asian countries: A macroeconomic study using time series and dynamic panel data analysis.	54,000/-
965	1196	MD. NAZMUL HAQUE	University of Chittagong	Department of Chemistry	Synthesis, Characterization and Application of Zinc Oxide (ZnO) Nanoparticles.	54,000/-
966	639	Ramjan Ali Akanda	Mawlana Bhashani Science and Technology University	Department of Mathematics	Study the effects of improved KBM and HB solutions that match the asymptotic solution on strongly nonlinear differential systems that vary with time.	54,000/-
967	381	RAZIBUL ISLAM	Comilla University	Department of Physics	Effect of rare earth metal ions doping on the structural and electromagnetic properties of Ni-Zn ferrites	54,000/-
968	824	Mahbuba. Akther	Mawlana Bhashani Science and Technology University	Department of Mathematics	Mixed convection flow in corrugated porous channel in presence of magnetic field	54,000/-
969	212	MINHAJUR RAHMAN	University of Dhaka	DEPARTMENT OF NUCLEAR ENGINEERING	Fusion-Driven Hybrid Reactors: Exploring Fissile Breeding and Transuranic Transmutation Potential via Neutronic Investigation with Ternary Lithium Oxide Ceramics Blanket	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
970	906	RASHEDEUL ISLAM	Khulna University	Environmental Science	A study on the production of activated carbon by co-pyrolysis of chitosan-lignin-seaweed for wastewater treatment	54,000/-
971	363	Taslima Akter	Comilla University	Department of Mathematics	A Comparative Discussion of First and Second Law of Thermodynamics and Analysis of Heat Transfer	54,000/-
972	736	Motia Akter	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Physicochemical parameters including OCPs and microbial investigation of groundwater at Sherpur Sadar upazilla in Sherpur District.	54,000/-
973	845	Kamrun Nahar Kemy	University of Chittagong	Institute of Forestry and Environmental Sciences	Climate Change Mitigation Potential of Shal Forests and Mixed Forests : A Case Study in Northern Region,Bangladesh	54,000/-
974	1175	Mahfujur Rahman	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Hybrid Nanofluidic Behavior on Boundary Layer and Convective Heat Transfer with Lubricating Oil	54,000/-
975	1227	Nahid Hasan	Bangladesh University of Engineering and Technology (BUET)	DEPARTMENT OF NUCLEAR ENGINEERING	Entropy Generation Analysis of a Thermal Cooling System Involving MHD Conjugate Mixed Convection with Internal Heat Generation, Joule Heating and Aiding/Opposing Flow Circulation	54,000/-
976	710	Md Leion Hassan	University of Chittagong	Department of Oceanography	Identification of Potential Fishing Zone (PFZ) Using Phytoplankton Phenology in the Northern Bay of Bengal: An Approach of Satellite Oceanography	54,000/-
977	1032	MD. FIROZ BISWAS	Khulna University	Applied Mathematics	Analysis of Medical Images for Identification of Abnormality Detection for Kidney using Wavelet Feature Extraction Based Classification	54,000/-
978	727	Noshin Tabassum	University of Rajshahi	Department of Physics	First principle investigations of some properties of Co2MnX (X= Si, Ge, Al) Heusler compounds for thermoelectric applications	54,000/-
979	776	Dil Afrose Pinke	University of Rajshahi	Department of Chemistry	Synthesis and Characterization of Magnetic Nanocomposites for Heating Induced Catalysis for Hydrogen Production.	54,000/-
980	810	Ananna Basak	Hajee Mohammad Danesh Science and Technology University	Department of Electronics and Communication Engineering	Design a Dominant Pruning-based Broadcast Protocol to Minimize Energy Consumption for Mobile Ad-hoc Networks	54,000/-
981	842	Miftahul Jannat	University of Chittagong	Department of Chemistry	Synthesis of Ag- doped ZIF-8 photocatalyst with excellent performance for dye degradation and antibacterial activity	54,000/-
982	1001	Papiya Akter	Comilla University	Department of Physics	Investigation of climatological features of the changing trend of temperature to solve Bangladesh's climate change issue.	54,000/-
983	1181	Ritu Saha	Khulna University	Department of Electronics and Communication Engineering	Performance Analysis of LDPC Coded Multicarrier Modulation Techniques Using Wavelet Transform.	54,000/-
984	1015	Mousumi Kar	Khulna University	Applied Mathematics	Development of Security System using Wavelet-PCA and SVM Classifier	54,000/-
985	8	Milon Bokshi	Jahangirnagar University	Institute of Remote sensing and GIS	Tracing palaeochannel networks using remote sensing and GIS in the context of archaeological records: a case study from Northern Bangladesh	54,000/-
986	18	Nahrin Nosin	Begum Rokeya University, Rangpur	Statistics	Prediction of cell types using supervised machine learning techniques in single cell transcriptomic Data	54,000/-
987	636	Sutanaya Choudhury	University of Dhaka	Department of Physics	A theoretical and computational approach to study the surface and atomic transport properties of liquid 5d transition metals	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
988	1152	Nurjahan Shila	Shahjalal University of Science and Technology	Department of Environmental Science and Geography	Assessment of Surface Water Quality Index with Seasonal Variation by Analyzing Physicochemical, Heavy Metal and Microbial Parameters in Companiganj Upazila, Sylhet	54,000/-
989	977	FARIHA HAQUE	Begum Rokeya University, Rangpur	Statistics	Application of machine learning algorithms for identifying factors and predicting malnutrition status among under-five children in Bangladesh	54,000/-
990	434	MD. BIPLOB HOSSAIN	University of Dhaka	Oceanography	Oil and Grease Pollution Level Estimation in Navigation Route of Saint Martin's Island and a Risk Assessment for Marine Ecosystem.	54,000/-
991	436	Baytune Nahar Netema	Jashore University of Science & Technology	Department of Environmental Sciences	Occurrence, distribution and risk of microplastics and potential toxic elements in the indoor environment of urban area in Bangladesh: An emerging concern	54,000/-
992	451	Sumaia Sharmin Suchana	Jahangirnagar University	Statistics	Post Impact Of COVID-19 On COVID Affected People In Bangladesh	54,000/-
993	53	Md.Mirazuzzaman	Begum Rokeya University, Rangpur	Department of Chemistry	Green synthesis of Cu nanoparticles using Super Napier grass stem sap for efficient dye reduction from contaminated water.	54,000/-
994	165	MD. MAHTABUR RAHMAN	Bangladesh University of Engineering and Technology (BUET)	Department of Physics	EXTRACTION OF NANOCELLULOSE CRYSTALS FROM SUGARCANE BAGASSE AND PREPARATION OF NANOCOMPOSITE ELECTRODES FOR SUPERCAPACITORS	54,000/-
995	915	Gazi Abdullah Mashud	University of Dhaka	Department Of Robotics And Mechatronics Engineering	Robot Navigation In Dynamic Indoor Environments Using Visual Language Map	54,000/-
996	1238	MOHAMMAD AMINUL HAQUE SHAKIL	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Textile wastewater treatment by electro-oxidation process	54,000/-
997	937	Md. Motasim Billah	Khulna University	Environmental Science	Evaluating the efficacy of rice straw-based biochar in alleviating microplastic-induced nutritional constraints of selected vegetables	54,000/-
998	531	Sadia Islam	University of Chittagong	Statistics	A study on factors affecting diabetes patients on the basis of sample of Chattogram district, Bangladesh	54,000/-
999	202	Mohammad Rifat - Ul Islam	Begum Rokeya University, Rangpur	Department of Physics	Enhancement of structural, optical and thermoluminescent properties of LiF by Mn and Cu,Mn doping for dosimetry applications	54,000/-
1000	583	Shaoni Bhowmick Puja	University of Dhaka	Statistics	The Causes & Consequences of Road Accident	54,000/-
1001	607	Mariam Tonni	Jahangirnagar University	Statistics	A Machine Learning Approach to Predicting the Demand and the Risk Factors for Heart Disease in Bangladesh	54,000/-
1002	847	Sunjida Khatun	Khulna University	Environmental Science	Assessment of Polycyclic Aromatic Hydrocarbons, Polychlorinated Biphenyls and Organochlorine Pesticides in sediments of the Pasur river system, Mongla area of the Sundarbans, Bangladesh: Source apportionment and health risk assessment	54,000/-
1003	159	Salvin Mustakim	Bangladesh University of Engineering and Technology (BUET)	Department of Physics	PREPARATION AND CHARACTERIZATION OF CARBON NANOTUBE AND ZINC OXIDE NANOROD REINFORCED FISH GELATIN NANOCOMPOSITE	54,000/-
1004	181	Noor Ahmad Nayan	Mawlana Bhashani Science and Technology University	Department of Physics	Mobility of ion and dust in charge fluctuating dusty plasma	54,000/-
1005	1157	Mst. Maimuna Yasmin	University of Rajshahi	Department of Chemistry	A facile green synthesis of Schiff base ligands and their metal complexes for the study of antibacterial activity	54,000/-



Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
1006	1162	Md. Mamunur Rashid	University of Chittagong	Department of Chemistry	Excess Thermodynamic and Transport Properties and Molecular interaction studies of Binary Liquid Mixtures at different temperatures	54,000/-
1007	211	MD. MISTAR ALI	University of Rajshahi	Department of Geology and Mining	Identification of Arsenic and Salinity Prone Zones Using Geoelectrical Resistivity Survey and Geochemical Analysis in Northwestern Part of Bangladesh	54,000/-
1008	267	Suraya Eyasmin Mitu	Hajee Mohammad Danesh Science and Technology University	Department of Statistics	Advancing Recommendation Systems: Solving Limitations through Enhanced Personalization and Innovative Data Sparsity Approaches	54,000/-
1009	341	Md. Shohel Rana	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Identification of Soil Erosion Prone Area and Groundwater Potential Zone Based on Morphometric Parameters in the Reju Khal River Basin, Cox's Bazar using GIS and RS Techniques.	54,000/-
1010	805	Mazharul Islam Hredoy	Jagannath University	Geography and Environment	Sustainability and Effectiveness of Disaster Recovery in Housing-Sector in the Coastal Area of Bangladesh.	54,000/-
1011	1112	Anjuman Ara	Comilla University	Statistics	Factors Associated with Self-Care Practice among Type 2 Diabetes Patients in Bangladesh	54,000/-
1012	954	Homayra Kabir	Mawlana Bhashani Science and Technology University	Department of Mathematics	Intuitionistic Fuzzy Hausdorff Bitopological Space	54,000/-
1013	429	Atika Afrin	Hajee Mohammad Danesh Science and Technology University	Department of Chemistry	Assessment of quality and suitability of ground water for drinking purposes in Kurigram Sadar upozilla under Kurigram District of Bangladesh	54,000/-
1014	45	Foazia jahan nowrin	Jahangirnagar University	Department of Mathematics	An analysis on the implecation of waste management techniques due to rapid urbanization in developing countries: A case study of Bangladesh	54,000/-
1015	186	MD ASHIKUR RAHMAN	Bangladesh University of Professionals	Environmental Science	Abundance, characteristics, and seasonal variations of microplastics in the landfill leachate of Dhaka, Bangladesh: A potential risk to aquatic ecosystems	54,000/-
1016	194	Anika Tabassum Raisa	University of Dhaka	Department of Physics	Development and Characterization of Smart Photovoltaic Material Cu <sub>2</sub> MnSnS <sub>4</sub> for Novel Thin-film Solar Cell	54,000/-
1017	123	Md.Forhad Hossain	Jahangirnagar University	Statistics	Impact of Macroeconomic Factors on Unemployment in Bangladesh: Using Time Series Analysis and Machine Learning.	54,000/-
1018	993	Chayan Saha	Comilla University	Department of Physics	Structural, electrical and optical properties of Cu doped CsPbCl <sub>3</sub> – A first principle study	54,000/-
1019	902	Mehadi Hasan suman	Comilla University	Department of Physics	Investigation of Structural, Magnetic and transport Properties of Ba and Sc Co-doped BiFeO <sub>3</sub> multiferroics	54,000/-
1020	424	Nasrin Arnika	University of Rajshahi	Department of Chemistry	Synthesis and Characterization of some Transition Metal Schiff base Complexes and investigation of their antioxidant and antibacterial properties	54,000/-
1021	119	Mohi Uddin	University of Dhaka	Department of Physics	Effect of Bi doping on magnetic and magnetocaloric properties of La <sub>0.6</sub> Sr <sub>0.4-x</sub> BixMnO <sub>3</sub>	54,000/-
1022	646	Abu Salahin Md Fahim	Shahjalal University of Science and Technology	Department of Chemistry	Design, Synthesis, Characterization, and Study on Optical Properties of a Series of New $\pi$ -Extended $\alpha,\beta$ -unsaturated ketones.	54,000/-
1023	719	SHANJIDA BINTA YOUSUF	University of Dhaka	Department of Physics	Effect of Evaporation Temperature on the Synthesis and Characterization of Iron Oxide Nanoparticles	54,000/-
1024	1091	Nusrat Jahan Urmi	University of Chittagong	Department of Oceanography	Index-Based Climate Vulnerability Assessment for Maheshkhali Island of Bangladesh	54,000/-

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1025	201	DEBANJON SARKER	Bangladesh University of Engineering and Technology (BUET)	Department of Chemical Engineering	UV/ $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> -Ni-TiO <sub>2</sub> photocatalytic degradation of Sulfamethoxazole, Ciprofloxacin, and Metronidazole in aqueous solution.	54,000/-
1026	1158	Md. Minhaz Abedin	Jashore University of Science & Technology	Department of Chemical Engineering	A study of metal-doped and carbon-based TiO <sub>2</sub> for enhancing dye degradation activity under solar irradiation.	54,000/-
1027	327	Prosanto Chokroborty	University of Dhaka	Department of Physics	In Search of Inverse Explosive Percolation	54,000/-
1028	1178	Jasmin Akter Morium	Bangladesh University of Professionals	Department of Environmental Sciences	Impact of Heat Wave and its preparedness to cope up over Dhaka, Bangladesh	54,000/-
1029	1054	Rupanti Dey	Khulna University	Environmental Science	Assessment of Groundwater Quality of Magura Sadar Upazila, Magura, Bangladesh	54,000/-
1030	54	Partha Pal	University of Dhaka	Department of Geology	Biotic and Geochemical Signature Response to Paleocene-Eocene Thermal Maximum (PETM) from Sylhet Limestone, Bengal Basin, Bangladesh	54,000/-
1031	84	Mst. Shamia Akter	Jahangirnagar University	Department of Chemistry	Ion-association and thermodynamic study of 2:2 electrolytes in mixed solvent system at various temperature	54,000/-
1032	818	Sadia jaman	Mawlana Bhashani Science and Technology University	Department of Mathematics	A game theory-based decision for handling lane change conflicting vehicles	54,000/-
1033	832	Sabera Sultana	Khulna University	Department of Physics	Synthesis and characterization of cobalt based magnesium nano ferrites Co{Mg}_{2x}{Fe}_{2-2x}O_4 for cancer treatment	54,000/-
1034	1188	A. ALIM MOLLA	Khulna University	Department of Electronics and Communication Engineering	Smart Home Automation System Using Arduino Nano 33 IoT	54,000/-
1035	912	SANDIPA BISWAS	Khulna University	Department of Electronics and Communication Engineering	COLORECTAL CANCER IMAGE CLASSIFICATION USING GRAPH CONVOLUTIONAL NETWORKS.	54,000/-
1036	105	Md. Tariful Islam	University of Barishal	Department of Chemistry	Developing Sustainable Solution for Reducing Plastic Pollution: Synthesis and Analysis of Degradable Polymer.	54,000/-
1037	746	MD. Anwar Ibrahim	Khulna University	Environmental Science	IMPACT OF BRICK KILN EMISSIONS ON SOIL QUALITY OF AGRICULTURE FIELD AND HUMAN HEALTH IN RAMGANJ, LAKSHMIPUR, BANGLADESH	54,000/-
1038	1192	Md. Mehedi Hasan	Khulna University	Department of Electronics and Communication Engineering	Design and Implementation of the Advanced Encryption Standard.	54,000/-
1039	301	MD. RAHIDUL ISLAM SHADHON	University of Dhaka	Department of Physics	Structural, optical, morphological and antimicrobial study of transition metal doped titanium dioxide (TiO <sub>2</sub> ) thin films	54,000/-
1040	29	Md. Mehedi Hasan	University of Rajshahi	Department of Electrical and Electronics Engineering	Design and Performance Analysis of a Compact Flexible Microstrip Patch Antenna for Wireless Body Area Network (WBAN) Applications	54,000/-
1041	63	MD TARIQUR RAHAMAN BHUIYAN MAMUN	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Carboxymethyl cellulose based hydrogel preparation by Gamma radiation and It's application in environmental remediation and agricultural field.	54,000/-
1042	475	S M Sium	University of Dhaka	Department of Environmental Science and Geography	Spatial Gradient and Trends of Air Quality in Greater Dhaka Region: A Health Risk Analysis	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
1043	712	MD.Sarowar Hossain Rana	University of Dhaka	Department of Mathematics	Mathematical Modeling of Prey-Predator Interactions with Harvesting: Stability Analysis and Effects of Refugees and Fear	54,000/-
1044	788	Monoara Akhter	Khulna University	Department of Physics	(HAP/GO/NiFe2O4) nanocomposite: Synthesis, Characterization, Cytotoxic and Antibacterial activity.	54,000/-
1045	1011	Shahnaz Sultana	University of Dhaka	Applied Mathematics	A novel error detection-correction based method for boundary layer flows.	54,000/-
1046	235	Kawshar Ahmad Nayeem	Mawlana Bhashani Science and Technology University	Environmental Science	Assessment of Heavy Metals in Water and Fish Species of Mogra River, Netrokona, Bangladesh.	54,000/-
1047	289	Reaz Hossain	Hajee Mohammad Danesh Science and Technology University	Department of Mathematics	An efficient technique to solve Korteweg-de Vries(KdV) type equations with variable coefficients	54,000/-
1048	871	Md. Sharif Talukder	University of Dhaka	Department of Environmental Science and Geography	Assessing Vulnerability and Adaptation Strategy of Cyclone Mocha: A Case Study of Shapuree Island of Bangladesh	54,000/-
1049	1046	TUHINUR RAHMAN	Comilla University	Department of Physics	Appraisal of performance, estimation and comparison of various global radiation computing models on horizontal surface in numerous areas over the Bangladesh.	54,000/-
1050	1106	Md. Shakil Hossain	University of Dhaka	Disaster science and Climate Resilience	Assessment of Flood Impacts on Rural Livelihood and their Coping Mechanism at Sadarpur Upazilla in Faridpur District	54,000/-
1051	1169	Mst. Shapla Akter	Mawlana Bhashani Science and Technology University	Department of Mathematics	Solving Non-linear Evolution equations using improved Kudryashov method and Maple .	54,000/-
1052	1304	Jannatul Naim	Noakhali Science and Technology University	Information and Communication Engineering	Advancing Bangla Image Captioning: A Novel CNN-LSTM Model for Improved Caption Generation	54,000/-
1053	1311	Ayshwaria Saha	University of Dhaka	Applied Statistics	Assessing Rural-Urban Disparities in HIV Knowledge: A Coarsened Exact Matching Approach on MICS 2019	54,000/-
1054	1031	Fahmida Akter Chaity	Jagannath University	Department of Environmental Science and Geography	Climate Change Vulnerability in Slum Dwellers: Investigating household adaptation and current practices, challenges in urban poor in Dhaka City.	54,000/-
1055	332	Farzana Akter	Jagannath University	Department of Environmental Science and Geography	Inter connection between climate induce migration and gender-based violence: A study on climate vulnerable southwestern part of Bangladesh	54,000/-
1056	539	Jomilatun Nesa	University of Chittagong	Department of Mathematics	Mathematical study of T cell response against antigen within Host	54,000/-
1057	25	Tamal Saha	University of Dhaka	Department of Geology	Petrographic Characterization and Correlation of Neogene Surma Group Sediments of Khagrachari & Sitakund Areas	54,000/-
1058	73	Md. Mazaharul Islam	University of Chittagong	Oceanography	Marine Spatial Planning for Sustainable Coastal Zone Management in Bangladesh's Expanding Coast: A Blue Economy Perspective through Cloud Computing Technology	54,000/-
1059	629	Kobita Akter	University of Rajshahi	Statistics	Determinants of Infant and Child Mortality in Bangladesh	54,000/-
1060	691	SHAH MD. HELAL UDDIN MAJUMDER	University of Dhaka	Meteorology	Unraveling the Relationship between El Niño Southern Oscillation and Tropical Cyclones in the Bay of Bengal: A Comprehensive Analysis.	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
1061	387	Arpita Saha	Bangabandhu Sheikh Mujibur Rahman Maritime University, Bangladesh	Department of Oceanography	A Multidimensional Analysis to Unravel the Complexity of Phytoplankton Dynamics in the Coastal Water of St. Martin Island MPA, Bangladesh.	54,000/-
1062	997	Ummeh Sobyda Jim	Jahangirnagar University	Department of Mathematics	A study on the working principle of micro scale wind turbines based on Blade Element Momentum Theorem	54,000/-
1063	573	Mehedi Hasan	Jahangirnagar University	Department of Mathematics	Comparative analysis of SIR, SEIR, and BSEIR models for predicting tuberculosis dynamics	54,000/-
1064	1114	Antora Paul	University of Dhaka	Geography and Environment	Knowledge, Perception and Gender Differences of Environmental Education :A Comprehensive Study towards School Going Students of Mymensingh City	54,000/-
1065	414	Most. Adury khatun	University of Rajshahi	Department of Geography and Environmental Studies	Assessing Health Impacts of Tobacco Farming in Rangpur District of Bangladesh	54,000/-
1066	979	SARNA RANI BHADURI	University of Rajshahi	Department of Physics	Accuracy and Quality Assurance of IMRT Dose Escalation in SBRT Technique for Metastatic Lung Cancer: A Mathematical Analysis	54,000/-
1067	621	Md Maheenur Mizan khan	Khulna University	Environmental Science	PREVALANCE OF MICROPLASTICS IN THE WATER AND FISH SPECIES OF SAINT MARTIN'S ISLAND, BANGLADESH	54,000/-
1068	139	MD. FARHAN SHAHREAR	University of Dhaka	Department of Physics	Spray Pyrolysis Deposition of Fe <sub>3</sub> O <sub>4</sub> -ZnO-Fe <sub>3</sub> O <sub>4</sub> double hetero-structure layer for Spintronic Devices.	54,000/-
1069	469	Tanaaz Afza Hussain	University of Dhaka	Department of Chemistry	Physicochemical analysis of Noodles available in Bangladesh	54,000/-
1070	705	Md. Sholaiman	University of Rajshahi	Department of Physics	Mapping of LET, Fluence and Dose Distribution for Particle Therapy using PHITS Monte Carlo Code	54,000/-
1071	1212	Md. Shahed Shahriar	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Utilization of waste rice straw to produce value-added bio-chemicals	54,000/-
1072	1042	Rubaiyat Mehjabin	University of Dhaka	Department of Geography and Environment	Cultural Adaptation of International Students and Its Influence on Migration Stream: A Case Study in Dhaka City	54,000/-
1073	1094	Mohammad Golam Samdany	University of Chittagong	Department of Chemistry	Study for Development a Simple and Cost- effective Method for Electricity Generation & Boosting Solar Energy by using Nanoparticles.	54,000/-
1074	635	MD ABDUR ROUF EMON	Jahangirnagar University	Department of Mathematics	Numerical investigation of density-dependent discrete predator-prey model	54,000/-
1075	518	Md. Iqbal Hasan	University of Dhaka	Department of Environmental Science and Geography	RS and GIS-based modeling for optimum site selection in rainwater harvesting system in Nikli Upazila of Kishoreganj District: an SCS-CN approach	54,000/-
1076	1070	Mahadie Hassan	Shahjalal University of Science and Technology	Statistics	Level, Trend and Determinants of fertility from Birth interval data and scenario of reproductive women's Mental health in Bangladesh	54,000/-
1077	342	Most. Atkiya Farjana	Jagannath University	Department of Geography and Environment	A Study on Solar Irrigation Systems in Bangladesh	54,000/-
1078	1253	Noni Gopal Chandro Ray	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	pH indicator integrated with hydrothermally synthesized carbon quantum dots from mango peel to monitor the quality of fish and shrimp	54,000/-
1079	935	Md. Shaiful Islam	University of Chittagong	Department of Oceanography	Analysis and Prediction of Sea Surface Temperature (SST) of the Bay of Bengal (BoB) by using CMIP5 and CMIP6 Simulations and Projection of Sea Surface Warming over the Region.	54,000/-
1080	476	MD.RAKIBUL HASSAN	University of Rajshahi	Statistics	Birth Spacing and Fertility Behaviour in Bangladesh	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
1081	309	Tasmiah Munim Fulki	Patuakhali Science and Technology University	Department of Environmental Science and Geography	Water Security and Environmental Sustainability of Gabura Satkhira	54,000/-
1082	780	Anamul Haque	Khulna University	Environmental Science	DEVELOPMENT OF CHITOSAN-BASED COMPOSITE ADSORBENTS: A SUSTAINABLE APPROACH FOR EFFICIENT REMOVAL OF POLLUTANTS FROM AQUEOUS SOLUTIONS	54,000/-
1083	156	Nazrul Islam	Shahjalal University of Science and Technology	Department of Mathematics	A Study on the solution of the two dimensional Burgers' Equation	54,000/-
1084	1102	Md. Washimul Hoque Rajib	University of Chittagong	Department of Chemistry	Synthesis and characterization of Ni- doped ZIF-67 photocatalyst with excellent performance for dye degradation and antibacterial activity	54,000/-
1085	1177	Md. Nayeem	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Transboundary River Water Quality Assessment: Understanding Water Pollution and its Impact on the Human Health	54,000/-
1086	535	Sanjida Akter	Noakhali Science and Technology University	Applied Mathematics	An Enhanced RSA Algorithm for Modern Cryptography	54,000/-
1087	512	Md. Helaluzzaman	University of Rajshahi	Department of Physics	Synthesis and characterization of Nb-Co doped SrFe12O19 nanopowder prepared by sol-gel method	54,000/-
1088	137	MD. ATAUR RAHAMAN	Jahangirnagar University	Department of Computer Science & Engineering	Class Feedback Analyzer - A web interface for Sentiment Analysis of Student Reviews on Class, Lab Facility, Course Content and Faculty.	54,000/-
1089	393	Susmoy Karmoker	Mawlana Bhashani Science and Technology University	Environmental Science	Potentially toxic elements in street dust from Bogura city of Bangladesh : ecological and probabilistic health risk assessment	54,000/-
1090	620	Md. Mustafa	University of Dhaka	Department of Applied Chemistry and Chemical Engineering	Development of Sodium Alginate /Terpolymer hydrogel for the remover of heavy metals and dyes from waste water.	54,000/-
1091	683	Tanmoy Das Utsha	Khulna University	Environmental Science	Assessment of Organic Pollutants in the Water at the Downstream Pasur River in the Sundarbans Ecosystem, Bangladesh: A Focus on Polycyclic Aromatic Hydrocarbons (PAHs), Polychlorinated Biphenyls (PCBs) and Organochlorine Pesticides	54,000/-
1092	709	MD. SAMSUL HOQUE DANY	University of Dhaka	Department of Chemistry	Kinetics and mechanism of insertion of cobalt(II) into tetrakis(1-methylpyridium-4-yl)porphyrin, its interaction with DNA and biological application	54,000/-
1093	973	Kazi Jawad Hossain	University of Chittagong	Department of Chemistry	Carbohydrate Derivatives in Medicinal Chemistry : Acylation, Characterization, Antimicrobial and Computational Investigations.	54,000/-
1094	1030	Abdul Hafiz	Jahangirnagar University	Institute Of remote sensing & GIS	Impact of LULC Changes on LST in Chattogram City Corporation: A GIS and Remote Sensing based approach	54,000/-
1095	355	Saba Karim	University of Dhaka	Department of Geology	Geophysical and Geotechnical Characterization of Pleistocene Madhupur Clay Formation	54,000/-
1096	622	Al Mahmud	Jagannath University	Department of Geography and Environment	Livelihood vulnerability assessment of the Flower farmers under climate change condition: A case study of Birulia union,Savar,Dhaka	54,000/-
1097	723	Umme Habiba	Hajee Mohammad Danesh Science and Technology University	Department of Mathematics	Multiple optical solitons of nonlinear Maccari's system relating to optics	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
1098	1193	A K M RAZUNAL HOQUE SHAGOR	Bangladesh University of Professionals	Department of Environmental Sciences	Identifying the Impact of Climate Change on Aman Rice Production in Bangladesh	54,000/-
1099	992	Khadiza Tul Samiha	University of Chittagong	Department of Chemistry	Synthesis and Characterization of Iron Oxide Nanoparticles for Biomedical Applications	54,000/-
1100	337	Mst. Sanjida Akter	Mawlana Bhashani Science and Technology University	Department of Environmental Sciences	Investigation of Waste Water Quality Parameters Discharged from Different Textile Industries: A case Study of Gazipur District, Bangladesh.	54,000/-
1101	1109	Md. Emon Mia	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Kappa-carrageenan/Polyethylene oxide/Acrylamide based hydrogel preparation by Microwave Radiation & its application for removal of cationic and anionic dyes.	54,000/-
1102	966	Anik Dhali	University of Chittagong	Department of Applied Chemistry and Chemical Engineering	FISH SCALES WASTE: AN UNTAPPED RESOURCE FOR SUSTAINABLE BIOMATERIALS	54,000/-
1103	1087	MD ASEK MIA	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Water Quality Assessment of the Titas River using multivariate analysis.	54,000/-
1104	75	Obaidullah	Mawlana Bhashani Science and Technology University	Department of Physics	Hydrothermal Synthesis and characterization of GO/MoS <sub>2</sub> /BiOI ternary nanocomposite for energy and environmental application.	54,000/-
1105	106	MUST. RIMU KHATUN	University of Dhaka	Department of Soil Science	Characterization of Microplastics in Different Agroecosystems in Sirajganj, Bangladesh	54,000/-
1106	866	MOSTAFIZUR RAHMAN	Khulna University	Environmental Science	Role of Farmers Weather School for agricultural decision-making in South-west Bangladesh	54,000/-
1107	127	Md. Kamrul Islam	Noakhali Science and Technology University	Applied Mathematics	INTERCONNECTEDNESS OF THE DHAKA STOCK INDEX WITH GOLD, EXCHANGE RATES, ENERGY, AND STOCK INDEXES: EVIDENCE FROM THE QUANTILE, TVP-VAR, AND DCC-GARCH APPROACHES.	54,000/-
1108	926	Shadia Afrin	Mawlana Bhashani Science and Technology University	Department of Mathematics	Interaction between buyers and sellers of Tangail by using Bayesian Nash -equilibrium.	54,000/-
1109	836	YUSUF ALI	Dhaka University of Engineering & Technology	Department of Mechanical Engineering	Fabrication and Characterization of Bio-Composite for Clinical Applications	54,000/-
1110	231	Tasnia Binta Rashid	University of Chittagong	Department of Mathematics	A new approach to solve the assignment problem:enhancing efficiency and solution quality.	54,000/-
1111	324	Azizul Islam	University of Barishal	Department of Physics	Enhancement of structural, electrical, optical, and magnetic properties of cobalt and zinc-doped manganese ferrite nanoparticles with yttrium substitution.	54,000/-
1112	485	Shirina Aktar	Jashore University of Science & Technology	Department of Environmental Sciences	Microplastics in drinking water sources in southwest hazard prone coastal region of Bangladesh.	54,000/-
1113	704	Md. Shafiul Alom Khan	University of Dhaka	Applied Mathematics	Modeling the Impacts of Viscosity and Internal Heating on Mantle Convection in different aspect ratio cells.	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
1114	1222	MD. YEAMIN HASAN	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Levels and Pollution Risk Assessment of Heavy Metals Contamination in Soil and Water Around Rajshahi Sugar mill, Bangladesh.	54,000/-
1115	20	Mst. Dil Afroj	Jashore University of Science & Technology	Department of Physics	Exploring the electronic, magnetic and optical characteristics of terbium phosphide (TbP) using first-principles calculations	54,000/-
1116	892	Shahariar Chowdhory	University of Dhaka	Department of Physics	Impact of Noble Metal-Modified B12N12 Nanocage as Phosgene Gas Sensor: A DFT Study	54,000/-
1117	65	Nusrat Jahan	University of Dhaka	Department of Physics	Cu2O nanoparticles incorporated TiO2 nanocrystals for enhanced photocatalytic degradation of azithromycin antibiotic.	54,000/-
1118	998	Sanjida Aktar Bristy	Mawlana Bhashani Science and Technology University	Department of Mathematics	A study about mathematical analysis of Hepatitis B Virus (HBV) by using optimal control theory.	54,000/-
1119	491	Sharif Shahara Nova	Jashore University of Science & Technology	Department of Environmental Sciences	Removal of Heavy Metals from Groundwater using Natural Bio-adsorbents: Kinetics and Equilibrium studies	54,000/-
1120	9	MD. KAMRUL HASAN	Islamic University, Kusthia	Department of Electrical and Electronics Engineering	Design, implementation, and performance prediction and test of a PbTe-based thermoelectric module for waste heat recovery	54,000/-
1121	166	Rafica Yasmin Sumaiya	University of Dhaka	Department of Chemistry	Synthesis and Characterization of Chalcones, and Their Isoxazoline Derivatives and Study on Their Biological Activities	54,000/-
1122	772	Md Zewel Rana	Khulna University	Department of Chemistry	Melamine-Au NPs cross-link as a colorimetric probe for trace glucose detection.	54,000/-
1123	1110	Shabikun Nahar	Bangladesh University of Professionals	Environmental Science	Investigating the Role of Slum Dwellers' Lifestyle and Entomological Factors in Biological diseases Transmission to Non-Slum Areas: A Case Study in Mirpur, Dhaka, Bangladesh.	54,000/-
1124	56	Md. Mehedi Hasan	University of Dhaka	Department of Geology	Spatiotemporal Assessment of Drought in the Rajshahi Division of Bangladesh using multispectral high-resolution satellite images	54,000/-
1125	971	Sharamon Nowshin Hrididhee	Khulna University	Department of Environmental Sciences	Exploring Habitual Pattern and Comparing Ecological Footprints: Towards Sustainable Development in Urban and Rural Areas of the Khulna District, Bangladesh	54,000/-
1126	437	Md. Rakib Mia	Comilla University	Department of Computer Science & Engineering	A Machine Learning Approach to Detect and Classify Bangladeshi Police Based on Police Uniform and Rank Badge	54,000/-
1127	787	Md. Solaiman Hossain	Khulna University	Department of Physics	Elemental composition and health risk assessment of road dust from Bangabandhu Sheikh Mujibur Rahman Expressway (Dhaka–Mawa-Bhanga Expressway) using ICP-OES method.	54,000/-
1128	930	Md. Ashaduzzaman Khondaker	University of Rajshahi	Statistics	PREDICTION RAINFALL USING DEEP LEARNING ALGORITHMS: EMPIRICAL EVIDENCE FROM RAJSHAHI DISTRICT OF BANGLADESH	54,000/-
1129	882	IZARUL ISLAM	University of Rajshahi	Department of Chemistry	Synthesis of some biologically important heterocycles mediated by organo-catalysts through multicomponent strategies	54,000/-
1130	545	Md Koushik Alam	Khulna University	Department of Physics	Investigation of polymer-based mode division multiplexer/de-multiplexer realized with Y-Junction and Mach-Zehnder Interferometer structures for optical circuitry	54,000/-
1131	856	Md Asif Zaman	Khulna University	Environmental Science	REMOVAL OF MICROPLASTIC FROM DRINKING WATER USING ACTIVATED CHARCOAL AND ZEOLITE: A PHYSIOCHEMICAL APPROACH	54,000/-
1132	253	IFFAT JAHAN	Jagannath University	Department of Chemistry	Synthesis and characterization of TiO2 / $\alpha$ -Fe2O3 /g-C3N4 ternary composite for catalytic degradation of amoxicillin from pharmaceutical wastes in presence of UV-visible light	54,000/-
1133	80	Md. Rokonzaman Ripon	University of Chittagong	Department of Physics	Synthesis of hydroxyapatite-zirconia nanocomposite using Annona squamosa leaf extract for biomedical applications.	54,000/-
1134	428	S.M.Miraj Shahnur	University of Dhaka	Applied Statistics	Help Seeking Behavior in the Groups of Facebook for Hypertension and Thematic Comment Analysis using NLP	54,000/-

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1135	725	Robiul Islam Akash	Shahjalal University of Science and Technology	Statistics	Family Specific Health Performance Measure Using Classical & Bayesian Techniques	54,000/-
1136	743	Md. Abdus Salam	Mawlana Bhashani Science and Technology University	Environmental Science and Resource Management	Analysis of Heavy Metal Contamination in Urban Air and its Potential Health Risks in Bangladesh	54,000/-
1137	811	Emon Hossain	University of Dhaka	Department of Mathematics	Exploring the Synergy of Geometry, Algebra, and Deep Learning in Data Analysis	54,000/-
1138	1187	Shohanul Islam	University of Dhaka	DEPARTMENT OF NUCLEAR ENGINEERING	Selection of Reflector Materials to Improve Neutronic Performance of Allegro Gas Cooled Fast Reactor	54,000/-
1139	1201	Md. Asaduzzaman	University of Rajshahi	Department of Electrical and Electronics Engineering	Design and Implementation of a Low Pass Filter Using STM32 Microcontroller for Signal Processing Applications.	54,000/-
1140	88	Afroza Mim	University of Barishal	Department of Geology and Mining	“Coastal Vulnerability Assessment due to Climate Change along the Western Coast of Bangladesh: Integrated Geospatial and Geotechnical Approaches”.	54,000/-
1141	154	Pritom Kumar Kundu	Pabna University of Science and Technology	Department of Chemistry	Preparation and characterization of conductive polymer modified magnetic composite particles for biomedical applications	54,000/-
1142	638	MST. MARZANA RAYHAN	Shahjalal University of Science and Technology	Department of Chemistry	Synthesis and characterization of Schiff base and their complexation with metal	54,000/-
1143	895	Noshin Anjum	University of Dhaka	Department of Mathematics	Sensitivity Analysis of the Physiographic Parameters of the Teesta River Basin	54,000/-
1144	1045	Khondoker Maksumul Alam	Khulna University	Environmental Science	PREVALANCE OF MICROPLASTICS IN THE SEDIMENT AND BENTHIC SPECIES IN MARINE WATER OF SAINT MARTIN’S ISLAND, BANGLADESH	54,000/-
1145	1016	Jonaed Ahmed	Mawlana Bhashani Science and Technology University	Statistics	Identifying the Socio-demographic determinants of Diabetes among adults in Bangladesh: An Application of Binary Logistic Regression Model Using BDHS 2017-18 Data	54,000/-
1146	611	Akram Ullah	University of Chittagong	Institute of Forestry and Environmental Sciences	Assessment of Tree Species Diversity, Structure, and Sequestered Carbon in Medhakachapia National Park(MKNP), Cox’s Bazar	54,000/-
1147	1223	Md Jahir Raihan	University of Chittagong	Institute of Marine Sciences	An Investigation of Seasonal Upwelling along the Exclusive Economic Zone (EEZ) of Bangladesh.	54,000/-
1148	158	Md Ekhtiar Uddin	University of Rajshahi	Department of Physics	Synthesis and Characterization of the Nickel Vanadium Oxide (NiV2O6) Crystals and its Device Applications.	54,000/-
1149	644	Sabkat mahmud	University of Rajshahi	Statistics	Exploring Shared Key Genomic Biomarkers for which Type-2 Diabetes Stimulate hepatocellular carcinoma and/or Colorectal cancer and Drug Repurposing	54,000/-
1150	528	Md Aman Ullah Aman	University of Chittagong	Institute of Forestry and Environmental Sciences	STATUS OF TREE REGENERATION DIVERSITY IN KAPTAI NATIONAL PARK CONSIDERING LANDUSE AND TOPOGRAPHICAL VARIABILITY	54,000/-
1151	160	Md. Shafkat Hossain	University of Dhaka	Department of Electrical and Electronics Engineering	Heart Rate Variability-Based Non-Contact Identity Authentication in a Multiple Subject Environment Using Microwave Doppler Radar	54,000/-
1152	1160	Sufia Suchrin Rupa	University of Chittagong	Environmental Science	Assessment of Microplastic Contamination in Commercial Poultry Feed in Bangladesh	54,000/-



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1153	903	Mehadi Hasan Raju	Noakhali Science and Technology University	Statistics	Impact of Contraception Use on Physical and Mental Health of Women and their Child in Bangladesh.	54,000/-
1154	6	Md. Shohanur Rahman	Begum Rokeya University, Rangpur	Department of Chemistry	Synthesis, Characterization, and Properties of Cobalt-Nickel Ferrite/MOx@graphene Oxide Ternary Nanocomposites for Humidity Sensor and Photocatalyst.	54,000/-
1155	673	PIAL CHOWDHURY	Shahjalal University of Science and Technology	Department of Chemistry	Studies on composite materials of g-C3N4 and MXene with different semiconducting materials	54,000/-
1156	837	Md. Amit Hasan	Jagannath University	Statistics	The determinants of essential newborn care practices for non-institutional births in Bangladesh	54,000/-
1157	1171	Rafiul Kadir	Khulna University	Department of Electronics and Communication Engineering	OTFS-based Waveform Design for Joint Sensing and Communication System.	54,000/-
1158	2	Tawhidul Islam	University of Chittagong	Department of Physics	Techno-economic Assessments, Optimization, and Design of a Building Integrated Photovoltaic Energy System for Bangladesh.	54,000/-
1159	91	Fariha Ahmed	Khulna University	Applied Mathematics	Computational Analysis of Non-Linear Radiative Nano Non-Newtonian Fluid in the Presence of Uniform and Periodic Magnetic Force	54,000/-
1160	798	Md. Liton Hossain	University of Chittagong	Department of Chemistry	MICROWAVE ASSISTED EFFICIENT KNOEVENAGEL REACTION: SYNTHESIS OF UNSATURATED COMPOUNDS AS PROVES FOR ANTIMICROBIAL ACTIVITIES.	54,000/-
1161	908	Sourav Kumar Dey Dipto	Bangladesh University of Professionals	Department of Environmental Sciences	Comparative Assessment of Chromium Phytoextraction Efficiency between Helianthus annuus L. and Brassica napus L.: Unveiling the Superior Metal Uptake Performer	54,000/-
1162	1002	Sabrina Rashid	Hajee Mohammad Danesh Science and Technology University	Department of Mathematics	Development of Suitable Solution Method of Assignment Problem	54,000/-
1163	411	NITHAN MAJUMDER	University of Barishal	Department of Mathematics	Entropy analysis on natural convection flow of air inside a square cavity with zigzagged wall.	54,000/-
1164	748	Md. Masum Rabbi	University of Rajshahi	Department of Physics	First-principles insights into the structural, mechanical, electronic, optical and thermodynamic properties of ThXO(X = S, Se)	54,000/-
1165	1148	U Aung Shine Marma	University of Dhaka	Department of Leather Engineering	Antifungal Activity of Magnesium Oxide Nanoparticles Coating on Shoe Upper Leather	54,000/-
1166	1218	MD. MAHBUBUL HAQUE	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Production of organic fertilizer from waste using plasma technology	54,000/-
1167	958	Noyon Sen	University of Rajshahi	Statistics	A Survey on Universal Health Coverage in Rural Rangpur Division.	54,000/-
1168	21	Kanij Fatima	Jashore University of Science & Technology	Department of Physics	First-principles study of mechanical, electronic, magnetic and optical properties of MCrPb (M = Hf, Zr) half-Heusler compounds	54,000/-
1169	7	Aminul Islam	Hajee Mohammad Danesh Science and Technology University	Department of Mathematics	NUMERICAL INVESTIGATION OF FLOW OVER A SPHERE-SHAPED BLUFF BODY: AN AERODYNAMIC APPROACH	54,000/-
1170	128	Md. Zayed Abdur Razzak	University of Dhaka	Department of Geology	GPS data analysis to evaluate hydrologic loading and its impact on the tectonic stress fields of Bengal Basin	54,000/-
1171	887	Nilomber Roy	University of Dhaka	Department of Physics	In search of thermodynamic formalism by percolation theory	54,000/-
1172	813	Faruk Miah	Jagannath University	Department of Chemistry	Theoretical study of the interaction between melamine and waterborne polyurethane	54,000/-

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1173	50	MD. YEASIN ARAFAT	National University	Department of Chemistry	A Study of Some Physico-Chemical Properties of Raw Milk Collected from Different Dairy Farms in the South-East Region of Cumilla District, Bangladesh	54,000/-
1174	1067	Ifratul Hasan	Shahjalal University of Science and Technology	Statistics	Chronic Diseases among Elderly People in Sylhet District: A Spatial Modeling Approach	54,000/-
1175	542	Abdul Momin	University of Rajshahi	Department of Physics	Longitudinal Study of Absolute Dosimetry for Photon Beams in VitalBeam Linear Accelerator	54,000/-
1176	582	Liton Chandra Monidas	Mawlana Bhashani Science and Technology University	Department of Mathematics	Automated layout design by using six different facilities: A new approach	54,000/-
1177	487	Muddachsir Rahman	University of Dhaka	Applied Mathematics	Comparison of the Numerical Simulation of the Various Types of Flows over NACA 0012 to NACA 4415 Airfoils at Different Mach Numbers	54,000/-
1178	988	Md. Sohel Hossain Atiya	University of Chittagong	Oceanography	An Annual 2023-2024 assessment of nutrients loading and eutrophication status in coastal waters of Saint Martin's Island, Bangladesh	54,000/-
1179	1028	Shaiza Monjury	Khulna University	Department of Mathematics	Study of hydromagnetic Nano Non-Newtonian fluid under the impact of higher-order Chemical reaction.	54,000/-
1180	913	Md Naim Islam	University of Dhaka	Oceanography	Title: Coastal water quality assessment in the South Eastern Coastal Zone, Bangladesh :A Comprehensive Study of Environmental Factors and Sustainable Solutions	54,000/-
1181	574	Md. Likhon Ahmmmed	University of Dhaka	Department of Geography and Environment	Livelihood vulnerability of Char Land people in Jamuna River system of Kazipur Upazila of Bangladesh	54,000/-
1182	167	MD. ZAHID HASSAN	University of Dhaka	Department of Chemistry	Synthesis, characterization, and study on the biological activity of the metal ion complexes with Schiff base derived from o-vanillin and ethylenediamine	54,000/-
1183	669	Suhrid Sayantha Aniv	University of Dhaka	Department of Chemistry	Development of Carbon Aerogel/Geopolymer Nanocomposites-Based High Performance Supercapacitor Electrodes	54,000/-
1184	1126	J. K. M. Jakiul Hassan Badhan	Khulna University	Environmental Science	Assessment of water quality in terms of Water Quality Index (WQI) in Beel Dakatia, Khulna, Bangladesh.	54,000/-
1185	149	Mahmudul Hasan Fahim	University of Chittagong	Department of Physics	Evaluation of neutron capture cross section, MACS and astrophysical reaction rate of selected s-process branching point isotopes.	54,000/-
1186	170	Saidul Islam	University of Dhaka	Department of Mathematics	Machine Learning algorithm in solving Traveling Salesman Problem with application to Last Mile Delivery model.	54,000/-
1187	129	Nazmul Kader Chowdhury	University of Chittagong	Department of Mathematics	CFD Analysis of Optimal Design and Enhanced Cooling System Using Nanofluid- based Miniature Pin Fin Heat Sinks	54,000/-
1188	104	MD. ABU SHYED	Begum Rokeya University, Rangpur	Department of Chemistry	Detection of glucose and vancomycin based on P(LMA-DVB-MAA)/Fe <sub>3</sub> O <sub>4</sub> /CuO nanoparticles modified electrode by electrochemical approach.	54,000/-
1189	1207	Md. Hasib Khan	University of Rajshahi	Department of Applied Chemistry and Chemical Engineering	Investigating the Characteristics of Reinforced Epoxy and Polystyrene Hybrid Composite Using Glass fibre, Alumina and Steel Powder	54,000/-
1190	48	Md Sumon Ali	University of Rajshahi	Department of Environmental Science and Geography	Assessing the Heatwave Vulnerability Due to Land Use/Land Cover Changes Effect on Land Surface Temperature: A Comparative Study Between Rural and Urban Areas of Bangladesh	54,000/-
1191	1122	Md.Golam Morshed	University of Chittagong	Department of Chemistry	Interaction studies in binary liquid mixtures an experimental and theoretical approach	54,000/-
1192	459	Md Mazharul Islam	University of Rajshahi	Department of Chemistry	Surface Coating of Iron Oxide Nanoparticles with Polypyrrole via Lemieux-von Rudloff Oxidation Method for Drug Delivery.	54,000/-

Merit Sl.	Reg. No.	Name	University	Department	Research Title	Amount
1193	976	MST. TASLIMA AKTER LIMA	Begum Rokeya University, Rangpur	Statistics	TRANSFORMATIONS TO STABILIZE THE VARIANCE IN SINGLE CELL DATA ANALYSIS	54,000/-
1194	721	Alvira Ajadee	University of Rajshahi	Statistics	Exploring Shared Key Genomic Biomarkers for which Type-2 Diabetes Stimulates Heart and Kidney Diseases, and Drug Repurposing	54,000/-
1195	93	MD. RIDWANUL HASAN	Mawlana Bhashani Science and Technology University	Department of Physics	Development of an Autonomous Temperature Monitoring System and Exploring the Impact of Global Warming at Tangail Region	54,000/-
1196	1120	Towhedul Islam Shakil	Noakhali Science and Technology University	Department of Applied Chemistry and Chemical Engineering	Microwave assisted synthesis of kappa Carrageenan/Polyvinyl pyrrolidone/Acrylamide- based blend hydrogel & it's application in dye removal.	54,000/-
1197	482	Md.Rafi Ul Islam	Noakhali Science and Technology University	Department of Computer Science & Engineering	Crime Avoidance by Detecting Individual's Suspicious Behavior Using CNN Model	54,000/-
1198	610	ABDUL HANNAN	Noakhali Science and Technology University	Applied Mathematics	From Depths to Peaks: Exploring the Ebb and Flow of Fish Production through Time series Analysis.	54,000/-
1199	970	MEHEDI HASAN SAGOR	Hajee Mohammad Danesh Science and Technology University	Applied Mathematics	Development of a Suitable Initial Basic Feasible Solution of Transportation Problem	54,000/-
1200	791	Khalilur Rahman	University of Rajshahi	Statistics	Exploring Phytochemical Compounds as Inhibitors of Cholera Toxins: A Subtractive Genomics and Molecular Docking Approach	54,000/-
1201	49	Nazmul Alam Jony	University of Chittagong	Department of Chemistry	Synthesis and characterization of Bi <sub>2</sub> O <sub>3</sub> /ZIF-67 nanocomposite integration with capacitive deionization system in the degradation tetracycline	54,000/-
1202	907	MD RAQIBUL HASAN	Noakhali Science and Technology University	Applied Mathematics	Recognizing atmospheric river patterns on flood detection in Bangladesh using topological data analysis and unsupervised machine learning	54,000/-
1203	733	Sheikh Mohammad Famim Ahmed	Jahangirnagar University	Department of Environmental Sciences	Intrinsic Groundwater Vulnerability Appraisalment in the Tangail District of Bangladesh: An AHP-DRASTIC modelling approach	54,000/-
1204	989	Shohag Sharkar	Mawlana Bhashani Science and Technology University	Statistics	Examining the impact of early marriage on child mortality: A cross sectional study of under - Five children	54,000/-

## NST Fellowship Mphil 2023-2024 (Physical Science)

Serial No.	Reg. No.	Name	University	Department	Research Title	Amount
1	1	Mst. Rupale Khatun	University of Rajshahi	Department of Mathematics	Numerical modeling of tide-wave-surge interaction along the coast of Bangladesh	68,400/-
2	2	Romana Sultana	Bangladesh University of Engineering and Technology (BUET)	Mathematics	NUMERICAL SIMULATION AND SENSITIVITY STUDY OF DOUBLE DIFFUSIVE MIXED CONVECTION IN AN ENCLOSER WITH ZIGZAG BOTTOM WALL AND A TORSIONALLY OSCILLATING LID USING HYBRID NANOFLUID	68,400/-
3	3	Mousumi Akando Mou	University of Rajshahi	Department of Environmental Science and Geography	Rainwater Harvesting and Option for Integrated Water Resource Management in the Barind Region of Bangladesh	68,400/-
4	12	Md.Shazedur Rahaman	University of Dhaka	Disaster Science and Climate Resilience	Correlation between Organic Carbon and Other Soil Physicochemical Properties of Soils in Different Forest Vegetation for Evaluating Climate Change Effects	68,400/-

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

Serial No.	Reg. No.	Name	University	Department	Research Title	Amount
1	3	Rakhi Kundu	Khulna University of Engineering & Technology	Department of Chemistry	Graphene Spangled-MnO <sub>2</sub> as Ameliorated cathode materials for Aqueous Rechargeable Zn- ion Battery	3,00,000/-
2	4	Md. Yousuf Ali	Bangladesh University of Engineering and Technology (BUET)	Applied Mathematics	A Numerical Investigation with Sensitivity Analysis on Mixed Convective Heat Exchanger using Hybrid Nanofluids	3,00,000/-
3	5	Md. Ohiduzzaman	Jagannath University	Department of Physics	Studies on Green Synthesis and Characterizations of Nanoparticles by Using Different Vegetative and Fruit Extracts for the Evaluation of Their Power Generation Activities on Bio-electrochemical Cells	3,00,000/-
4	6	Umasree Dhar	University of Dhaka	Department of Physics	Development and Characterization of Graphene Oxide Coated Nano Ferrites for Magnetic Resonance Imaging and Hyperthermia Treatment	3,00,000/-
5	7	Md. Anwar Hossain	Pabna University of Science and Technology	Information and Communication Engineering	Connecting Images and Bangla Language	3,00,000/-
6	8	Anas Mahmud	Bangladesh University of Engineering and Technology (BUET)	Department of Chemistry	Preparation of Manganese Vanadate Cathode Material for Rechargeable Aqueous Zinc Ion Battery	3,00,000/-