

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার  
বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়  
বাংলাদেশ সচিবালয়, ঢাকা।

ফ্যাক্সঃ ৭১৬১৭৯৮ ওয়েবঃ [www.most.gov.bd](http://www.most.gov.bd)

নং-৩৯.০০.০০০০.০০৯.০২.০৫৯.১৫ (অংশ নথি)/৫২৬

তারিখঃ ১৩ পৌষ ১৪২৪  
২৭ ডিসেম্বর ২০১৭

বিষয়ঃ ২০১৬-২০১৭ অর্থ বছরে বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয় থেকে অনুদানপ্রাপ্ত গবেষণা প্রকল্পের প্রকল্প পরিচালকগণ কর্তৃক চূড়ান্ত প্রতিবেদন (বিল ভাউচারসহ) জমা প্রদান প্রসংগে।

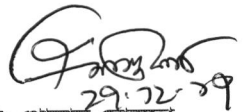
- সূত্রঃ (১) বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়ের ১২ জুলাই ২০১৭ তারিখের ৩৯.০০.০০০০.০০৯.০২.০৫৯.১৫ (অংশ নথি)/১০০৯ নং পত্র  
(২) বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়ের ১৯ সেপ্টেম্বর ২০১৭ তারিখের ৩৯.০০.০০০০.০০৯.০২.০৫৯.১৫ (অংশ নথি)/১০৫৩ নং পত্র  
(৩) বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়ের ১৩ ডিসেম্বর ২০১৭ তারিখের ৩৯.০০.০০০০.০০৯.০২.০৫৯.১৫ (অংশ নথি)/৫১০ নং পত্র

উপর্যুক্ত বিষয় ও সূত্রে বর্ণিত ৩টি তাগিদপত্রের প্রতি দৃষ্টি আকর্ষণপূর্বক বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয় থেকে ২০১৬-২০১৭ অর্থ বছরে অনুদানপ্রাপ্ত যেসকল প্রকল্প পরিচালক অনুদানের অর্থ খরচের বিল ভাউচারসহ গবেষণার চূড়ান্ত প্রতিবেদন এখনো জমা প্রদান করেননি তাঁদেরকে অনুদানের অর্থ খরচের বিল ভাউচারসহ গবেষণার চূড়ান্ত প্রতিবেদন (নিম্নবর্ণিত তথ্যসহ) আগামী ০৭ (সাত) দিনের (অর্থাৎ ৪ জানুয়ারি ২০১৮ তারিখের) মধ্যে নিম্নবর্ণিত ফরম ও তথ্যসহ জমা প্রদানের জন্য নির্দেশক্রমে অনুরোধ করা হলো:

- ক) প্রকল্পের চূড়ান্ত প্রতিবেদন (গাইডলাইনে বর্ণিত নিয়মানুযায়ী)  
খ) বিলভাউচার এর মূল কপি (অবশ্যই প্রাপ্ত অর্থের সমপরিমাণ)  
গ) গাইডলাইনে বর্ণিত I, J, K ফরম পূরণপূর্বক প্রেরণ।  
ঘ) ব্যয়বিবরণী (Expenditure Statement)

২.০ উল্লেখ্য যে, ২০১৬-২০১৭ অর্থ বছরে অনুদানপ্রাপ্ত প্রকল্পসমূহের চূড়ান্ত প্রতিবেদন ও বিলভাউচার সকলের নিকট থেকে না পাওয়ায় অডিট আপত্তি হয়েছে। অনুদানের অর্থ খরচের হিসাব (বিল/ভাউচারসহ) ও চূড়ান্ত প্রতিবেদন জমা প্রদানে ব্যর্থ হলে সচিব, বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয় বরাবরে পে-অর্ডার/ব্যাংক ড্রাফট এর মাধ্যমে অনুদান হিসেবে গৃহীত সমুদয় অর্থ ফেরত প্রদান করার জন্য নির্দেশক্রমে অনুরোধ করা হলো। অন্যথায় বিধিমোতাবেক আইনানুগ ব্যবস্থা গ্রহণ করা হবে। উল্লেখ্য যে, যেসকল প্রকল্প পরিচালক এখনো ২০১৬-২০১৭ অর্থ বছরে চূড়ান্ত প্রতিবেদন ও বিলভাউচার মন্ত্রণালয়ে প্রেরণ করেননি তাঁদের ভবিষ্যতে কোন বিশেষ গবেষণা অনুদান প্রদান করা হবে না।

৩.০ বিষয়টি অতীব জরুরী।

  
ড. মো: গোলাম মোস্তফা  
উপসচিব  
ফোন: ৯৫৭৬৫৩৯  
ই-মেইল: [section9@most.gov.bd](mailto:section9@most.gov.bd)

বিতরণঃ

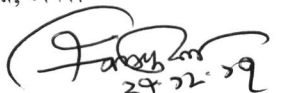
২০১৬-২০১৭ অর্থ বছরে অনুদানপ্রাপ্ত প্রকল্প পরিচালকগণ  
(যেসকল প্রকল্প পরিচালকগণ অনুদানের অর্থ খরচের বিল  
ভাউচার ও গবেষণার চূড়ান্ত প্রতিবেদন দাখিল করেননি।)

নং-৩৯.০০.০০০০.০০৯.০২.০৫৯.১৫ (অংশ নথি)/৫২৬/১(৪)

তারিখঃ ১৩ পৌষ ১৪২৪  
২৭ ডিসেম্বর ২০১৭

অনুলিপি সদয় অবগতি ও কার্যার্থে প্রেরণ করা হলোঃ

- ১। সচিব মহোদয়ের একান্ত সচিব, বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা।  
২। প্রোগ্রামার, বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়, ঢাকা। (ওয়েব সাইটে প্রকাশের জন্য)  
৩। অতিরিক্ত সচিব (বি: প্র:) এর ব্যক্তিগত কর্মকর্তা, বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়, বাংলাদেশ সচিবালয়, ঢাকা।  
৪। অফিস কপি।

  
ড. মো: গোলাম মোস্তফা  
উপসচিব

২০১৬-২০১৭ অর্থ বছরে যেসকল প্রকল্প পরিচালক চূড়ান্ত প্রতিবেদন ও বিলভাউচার জমা দেননি তাদের তালিকা:

## Biological Sciences (BS) Group

### Bangladesh Agricultural University (BAU), Mymensingh

SL. No.	Gr. SL.	Name of the Principal Investigator & Associate Investigator	Address of the Principle Investigator	Name of the Project Title	Recommended Grant Amount	Telephone/ Mobile No of PI & CO-PI
1.	77 BS	Dr. Md. Shohidul Alam Assistant Professor Mousumi Akter Assistant Professor	Department of Agricultural Chemistry, Bangladesh Agricultural University, Mymensingh	Development of Safer Botanical Insecticides for Controlling Insect Pests in Fruit Orchards of Bangladesh	2.50	01711450731 01715108644
2.	96 BS	A.K.M. Rafiqul Islam Associate Professor Muhammad Humayun Kabir Assistant Professor	Department of Dairy Farm, Bangladesh Agricultural University, Mymensingh	Enhancement of biogas production from cow dung using different plant and legumes leaves and technology transfer through training.	2.50	01718245048 01718192711
3.	99 BS	Professor Dr. Md. Mizanur Rahman Dr. Md. Mansorol Haq	Department of Surgery & Obstetrics, Bangladesh Agricultural University (BAU), Mymensingh	Seasonal incidence and risk factors associated with claw lameness in dairy cows	3.00	01726465607 01925027084
4.	102 BS	Professor Dr. Md. Solaiman Ali Fakir Professor Dr. A.K.M.A. Prodhan	Department of Agric. Chemistry Laboratory, Bangladesh Agricultural University, Mymensingh	Nutritional and anti-nutritional compositions of four important underutilized leafy vegetables (Moringa, Cassava, Roselle and Lignosus) : A potential source of nutrition security in Bangladesh	3.50	01715523202 01716334222
5.	103 BS	Professor Dr. M. Afzal Hossain Md. Tahjib-Ul-Arif Lecturer	Department of Biochemistry and molecular Biology, Bangladesh Agricultural University, Mymensingh	Cardio-protective effects of nitrate rich vegetables	3.50	01715280464 01747772120
6.	105 BS	Professor Dr. Kazi Shahanara Ahmed Krishna Rany Das Assistant Professor	Department of Entomology, Bangladesh Agricultural University, Mymensingh	“Ensure food security of Bangladesh: Analysis of post-harvest losses of maize and its pest management in stored conditions”	3.00	01716626087 01731111191
7.	196 BS	Professor Dr. Md. Sadiquul Islam Dr. Nahid Sultana Lucky Associate Professor	Department of Fisheries Biology & Genetics, Bangladesh Agricultural University, Mymensingh	Improvement of salinity tolerance in tilapias: a need based study for the coastal zone of Bangladesh	2.50	01726-559543 01714419508
8.	198 BS	Professor Dr. Md. Abul Kalam Azad Professor Mohammad Mujaffar Hossain	Department of Animal Science, Bangladesh Agricultural University (BAU), Mymensingh	Time course of quality characterization in longissimus muscle from high and low temperatures-exposed slaughtered beef animals	2.50	01712174651 01715474269
9.	201 BS	Professor Dr. Md. Hasanuzzaman Talukder Sharmin Shahid Labony Assistant Professor	Department of Parasitology, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh	Molecular and serological detection of blood protozoa Babesia, Anaplasma and Theileria species in cattle in Mymensingh Region	3.00	01776624599

10.	202 BS	Professor Md. Zillur Rahman Professor Dr. Md. Ali Ashraf	Department of Farm Structure and Environmental Engineering, Bangladesh Agricultural University, Mymensingh	Modeling the Impact of Climate Changes on Rice Production in Selected Region of Bangladesh	2.50	01721204545 01718 353743
11.	205 BS	Professor Dr. Md. Zainul Abedin Dr. Md. Bellal Hossain Associate Professor	Department of Farm Structure and Environmental Engineering, Bangladesh Agricultural University, Mymensingh	Development of cost-effective rice storage structure for small and medium farm households	3.00	01762628209 01985679800
12.	219 BS	Dr. Mohammad Mohi Uddin Assistant Professor Dr.M. S. Palash Associate professor	Department of Animal Nutrition, Bangladesh Agricultural University, Mymensingh	Economic efficiency of Alternative Feeding Systems (AFS) of dairy production and marketing in rural-urban interphase of Bangladesh: A comprehensive value chain approach	3.00	01818429023 01712187166
13.	220 BS	Dr. Raihan Habib Associate Professor A. K. M. Masum Assistant professor	Department of dairy science, faculty of animal husbandry, Bangladesh Agricultural University, Mymensingh	“Standardization of Dhaka Cheese Making Technology Using Microbial Rennet”	2.50	01712647823 01722105935
14.	221 BS	Dr. Tanvir Rahman Associate Professor Dr. Muhammad Mehedi Hasan Assistant Professor	Department of Aquaculture, Faculty of Fisheries, Bangladesh Agricultural University, Mymensingh	Towards understanding bacterial diseases in commercial aquafarms: investigation on biosecurity issues and causal agents	2.50	0 1717-609353
15.	223 BS	Professor Dr. Md. Parvez Anwar Professor Dr. Mahfuza Begum	Department of Agronomy, Bangladesh Agricultural University, Mymensingh	Intercropping of dry direct seeded boro rice with leafy vegetables for better weed management and higher bio-economic efficiency	2.50	01912114281 01717362531
16.	236 BS	Professor Dr. Md. Kamrul Islam Marya Afrin Lecturer	Department of Physiology, Bangladesh Agricultural University, Mymensingh	Effect of preservation and storage pattern of the blood sample on complete blood count and blood biochemistry in cattle.	2.50	01715414007 01719360828
17.	243 BS	Dr. Md. Kamruzzaman Associate Professor Hasan Mohammad Murshed Lecturer	Department of Animal Nutrition, Bangladesh Agricultural University, Mymensingh	Feeding garlic leaf hay on growth performance and carcass characteristics in sheep	2.50	01716-670905 01722-594959
18.	255 BS	Professor Dr. Sukumar Saha Mst. Sonia Parvin Assistant Professor	Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh	Microbial Risk Assessment of Mixed Vegetable Salads from Some Selected Restaurants at Bangladesh Agricultural Campus, Mymensingh	3.00	01740847339
19.	257 BS	Professor Dr. Mohammad Alam Miah MD. Iqramul Haque Lecturer	Department of Physiology Faculty of Veterinary Science, Bangladesh Agricultural University Mymensingh	Physio-pathological role of curcumin on high fat induced hyperlipidemia in mice	2.50	01735868890 01766383494
20.	259 BS	Professor Md. Sazzad Hossain Zannatul Ferdous Assistant Professor	Department of Aquaculture, Bangladesh Agricultural University, Mymensingh	Effect of Dietary Vitamin C on the Growth and Survival Rate of magur, <i>Clarias batrachus</i>	3.00	01712 776746 01718 324759

21.	268 BS	Professor Dr. Hari Pada Seal Professor Gias Uddin Ahmed	Department of Agricultural Chemistry Research Laboratory, Net house and Research Field, Bangladesh Agricultural University, Mymensingh	Development of economically sustainable technology for the production of natural food grade colour from bixa orellana seed (dai gota).	2.50	01716540603
22.	271 BS	Professor Dr.Md. Shahidur Rahman Khan Dr.Md. Shafiqul Islam Assistant Professor	Department of Microbiology and Hygiene, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh	Epidemic survy on respiratory bacterial infection of buffalo reared in some selected areas of bangladesh for their effective control measures	3.00	১০/০৯/২০১৭ তারিখে I,J,K ফরম পূরণপূর্বক চূড়ান্ত প্রতিবেদন দাখিল করেছেন। 01717171329
23.	272 BS	Professor Dr. Khan Md. Shaiful Islam Ms. Nabilah Jalal Nuha Lecturer	Department of Animal Nutrition, Bangladesh Agricultural University, Mymensingh	Dose titration, tolerance and food safety aspects of dietary urea in poultry	3.00	১৯/০৯/২০১৭ তারিখে চূড়ান্ত প্রতিবেদন দাখিল করেছেন 01715226510 01722078264
24.	278 BS	Professor Dr. Md. Anamul Hoque Mohammad Golam Kibria Lecturer	Department of Soil Science, Bangladesh Agricultural University, Mymensingh	Water and Nutrient Management for Increasing Crop Productivity in Rice- Rice Cropping Pattern	2.50	01741390715 01750202458
25.	325 BS	Dr. Md. Shahidur Rahman Associate Professor Dr. Md. Mostafizar Rahman Associate Professor	Department of Poultry Science, Bangladesh Agricultural University, Mymensingh	“Breeding and improvement of Japanese quail for selenium enriched meat and egg production toward preventing human arsenicosis in Bangladesh”	2.50	01700636155 01712682994
26.	344 BS	Dr. Abu Hayat Md. Saiful Islam Associate Professor Professor Md. RaisUddinMian	Department of Agricultural Economics, Bangladesh Agricultural University, Mymensingh	“Assessing the Potentiality of Floating Agriculture as a Climate Smart Agricultural Practice in Southern Bangladesh”	2.50	01625801026 01715661099
27.	348 BS	Professor Dr. Md. Golam Rabbani Ms. Ashrafun Nahar Lecturer	Department of Horticulture, Bangladesh Agricultural University, Mymensingh	Collection, Morphological and Molecular Characterization and Conservation of the Vegetable Germplasm of Bangladesh	2.50	01711885790 01745762255
28.	391 BS	Dr. Mohammad Matiur Rahman Associate Professor Kizar Ahmed Sumon Lecturer	Department of Fisheries Biology and Genetics, Bangladesh Agricultural University, Mymensingh	Enhancement of non-specific immune response in monosex tilapia against its major pathogen Streptococcus iniae using brown seaweed, Sargassum spp. as feed supplement	2.50	01780289634 01729525641
29.	479 BS 16 ID	Professor Dr. Md. Taohidul Islam Dr. Mohammad Ariful Islam Associate Professor	Department of Medicine, Bangladesh Agricultural University (BAU), Mymensingh	Standardization of vaccination schedule of Newcastle disease in pigeon	2.50	01912910338 01717838903

Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur

30.	24 BS	Dr. AKM Quamruzzaman Senior Scientific Officer Dr. Md. Mahbubar Rahman Salim Senior Scientific Officer	Olericulture Division, Horticulture Research Center, Bangladesh Agricultural Research Institute (BARI), Gazipur	Development of roof top garden model for vegetables production in a 100 sqft area	2.50	017 54 112050 01779248680, 01913120477
31.	366 BS	Dr. Md. Motiar Rohman Senior Scientific Officer Md. Rezwana Molla Scientific Officer	Plant Breeding Division and Plant Genetic Resources Centre, Bangladesh Agricultural Research Institute, Joydebpur, Gazipur.	Plant Breeding Division and Plant Genetic Resources Centre, Bangladesh Agricultural Research Institute, Joydebpur, Gazipur.	2.50	01716374405 01712570443
32.	394 BS	Dr. Dilwar Ahmed Choudhury Principal Scientific Officer Dr. Md. Faruque Hossain Senior Scientific Officer	Planning & Evaluation Division, Bangladesh Agricultural Research Institute (BARI), Gazipur	Enhancement of Mustard Production in Manikganj through Introduction of New Variety and Improved Management Practices	2.50	01711318685 01552333851
33.	401 BS	Dr. Md. Masud Alam Senior Scientific Officer Dr. Md. Kalim Uddin Chief Scientific Officer	Spices Research Center, Bangladesh Agricultural Research Institute, Shibgong, Bogra	Formulation of dehydrated green chilli and its post dehydration physico-chemical studies	2.50	01715917957 01911769196
34.	413 BS	Dr. Kawsar Uddin Ahammad Principal Scientific Officer Shimul Mondal Scientific Officer	On-Farm Research Division, Regional Agricultural Research Station, Bangladesh Agricultural Research Institute (BARI), Jessore	Cocomposting of faecal sludge and municipal organic waste towards safe vegetables production in south- western part of Bangladesh	2.50	01719-915737 01717-785539
35.	416 BS	Dr. AKM Mahbubul Alam Senior Scientific Officer Dr. Md. Omar Ali Principal Scientific Officer	Pulses Research Sub-Station (PRSS), Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur	Screening of yellow mosaic virus resistant mungbean genotypes through molecular marker	2.50	01711581690

### Sher-e-Bangla Agricultural University (SAU), Dhaka

36.	15 BS	Dr. Abul Hasnat M Solaiman Associate Professor Md. Shahajahan Assistant Professor	Department of Horticulture, Sher-e- Bangla Agricultural University (SAU), Dhaka	Bioremediation of contaminated soil water vegetables and integrated floating cage vegetable-fish farming in farmers' field	2.50	01711054215 01611054215 01722569989
37.	57 BS	Professor Md. Hasanuzzaman Akand Dr. Jasim Uddain Associate Professor	Horticulture farm and Horticulture laboratory, Sher-e- Bangla Agricultural University, Dhaka	Growth and Yield of Tomato as influenced by seedling age and mulching	2.50	01552480132 01716611706
38.	63 BS	Professor Dr. F.M. Aminuzzaman Sayed M. Mohsin Lecturer	Department of Plant Pathology, Sher-e-Bangla Agricultural University, Dhaka	Biodiversity, distribution, molecular characterization and conservation of fleshy and woody wild mushrooms from mangrove forest region of Bangladesh	2.50	01733717936 01671035251
39.	370 BS	Dr. Tahmina Akter Associate Professor Ayesha Akter Assistant Professor	Department of Entomology, Sher-e- Bangla Agricultural University, Dhaka	Biodiversity and biology of cucurbit fruit fly, <i>bactrocera cucurbitae</i> and roles of pheromones traps for their controlling to produce safe vegetables	2.50	01911237290 01711986293
40.	390 BS	Professor Dr. Naheed Zeba Dr. Md. Asaduzzaman Siddiquee Associate Professor	Department of Genetics and Plant Breeding, Sher-e-Bangla Agricultural University, Dhaka	"Comparative genetic analysis of tomatillo ( <i>Physalis ixocarpa</i> Brot.) with tomato ( <i>Solanum lycopersicum</i> L.) based on their agromorphogenic and nutritional traits"	2.50	01710982860

41.	396 BS	Professor A. M. M. Shamsuzzaman Md. Tofail Hossain Assistant Professor	Department of Agricultural Botany, Sher-e-Bangla Agricultural University, Dhaka	Growth and yield response of modern and traditional aromatic rice genotypes under aerobic condition in <i>boro</i> season	2.50	01552495546 01815382270
42.	398 BS	Dr. Sheikh Shawkat Zamil Associate Professor Professor Dr. Md. Abdur Razzaque	Department of Agricultural Chemistry Sher-e-Bangla Agricultural University (SAU), Dhaka	Assessment of Heavy Metals in Winter Vegetables Grown in Different Locations of Savar Thana under Dhaka District	2.50	01713338078 01552460307
43.	403 BS	Dr. Mohammad Humayun Kabir Associate Professor Khairul Kabir Assistant Professor	Department of Horticulture, Sher-e- Bangla Agricultural University, Dhaka	In vitro salt screening of exotic tomato varieties: Search for new varieties resistant to salt stress	2.50	01552409822 01913919663
44.	422 BS	Dr. Mohummed Shofi Ullah Mazumder Associate Professor Professor Dr. Md. Sekender Ali	Department of Agricultural Extension & Information System, Sher-e-Bangla Agricultural University (SAU), Dhaka	Impact of Using Selected Environment-friendly Agricultural Practices by the Farmers	2.50	01716342352 01711230183
45.	424 BS	Professor Dr. Kamal Uddin Ahamed Professor Dr. Md. Moinul Haque	Department of Agricultural Botany, Sher-e-Bangla Agricultural University, Dhaka	Improvement of yield in hybrid rice varieties through the manipulation of stem reserve remobilization and filled-grain percentage by plant growth regulator and foliar fertilization	3.00	01552601173 01671078858
46.	432 BS	Dr. K. B. M. Saiful Islam Assistant Professor Dr. Kamrul Islam Adjuct Faculty	Department of Medicine & Public Health Faculty of Animal Science & Veterinary Medicine, Sher-e-Bangla Agricultural University, Dhaka	Development of alternatives to synthetic antibiotics against important veterinary pathogens using native herbal plants of Bangladesh	3.00	01711120108
47.	436 BS	Dr. Mohammad Issak Assistant Professor A.S.M. Fazle Bari Assistant Professor	Department of Soil Science, Sher-e- Bangla Agricultural University (SAU), Sher-e-Banglanagar, Dhaka	Role of chito-compost on quality seedlings production and yield increment of different transplanted crops in Bangladesh	2.50	01710-982860
48.	441 BS	Professor Dr. Mohammad Mizanul Haque Kazal Fatema Sarker Assistant Professor	Department of Development and Poverty Studies, Faculty of Agribusiness Management, Sher-e- Bangla Agricultural University (SAU), Sher-e-Bangla Nagar, Dhaka	Women Participation in Agriculture and Its Impact on Empowerment at Household Level in Rural Bangladesh	2.50	01712 502840

### Sylhet Agricultural University (SAU), Sylhet

49.	153 BS	Dr. Md. Jasim Uddin Associate Professor Professor Dr. Md. Emdadul Haque	Department of Animal Nutrition, Faculty of Veterinary and Animal Science Sylhet Agricultural university, Sylhet	Conservation and utilization of root crop fodder ( <i>Manihot esculenta</i> ) as alternative of concentrate for small ruminant in Sylhet	3.00	01911720221 01711022062
50.	160 BS	Professor Dr. Md. Nazmul Haque Professor Dr. Md. Mohan Mia	Department of Genetics & Animal Breeding, Sylhet Agricultural University, Sylhet	Conservation of red jungle fowl as a potential genetic resource in Bangladesh	2.50	01711263213 01558854797

51.	161 BS	Professor Dr. Md. Nazrul Islam Professor Dr. Mohammad Noor Hossain Miah	Department of Agronomy and <i>Haor</i> Agriculture, Sylhet Agricultural University (SAU), Sylhet	Development of Eco-Friendly Cropping Pattern by Introducing Pulses in the Existing T. Aus/T. Aman –Fallow Pattern of Sylhet. (Continued Program, Present status: Attached)	2.50	01716443391 01558370719
52.	315 BS	Dr. Mohammad Ashraful Islam Associate Professor Aysha Akter Assistant Professor	Department of Agricultural Extension Education, Faculty of Agriculture, Sylhet Agricultural University, Sylhet	Farmers participatory identification and validation of flashflood coping rice technology in haor areas of Sunamganj district	2.50	01712957590 01558333907
53.	354 BS	Professor Dr. Md. Shahidul Islam Jannatul Ferdousi Assistant Professor	Department of Horticulture, Sylhet Agricultural University, Sylhet	Improvement of Winter and Summer Tomato Production in Sylhet Region	2.50	01916662421 01721169994

### Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur

54.	35 BS	Professor Dr. A.R.M. Solaiman Dr. Mohammad Saiful Alam Associate Professor	Department of Soil Science, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Development of eco-friendly biofertilizer using beneficial microorganisms for higher yield of wheat	2.50	01552495381 01724720655
55.	69 BS	Professor Dr. Qazi Abdul Khaliq Dr. Md. Moshikul Islam Associate Professor	Department of Agronomy, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Physiological and Biochemical Mechanism of Salinity Tolerance in Wheat	2.50	01714338254 01712132019
56.	70 BS	Dr. Md. Arifur Rahman Khan Assistant Professor Erin Zaman Lecturer	Department of Agronomy, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Morpho-physiological and biochemical derivations of selected cowpea genotypes under different salinity levels	2.50	01716712504 01784547946
57.	74 BS	Dr. Mohammad Abdus Salam Assistant Professor Mohammad LutfarRahman Assistant Professor	Department of Genetics and Fish Breeding, Faculty of Fisheries, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	“Effect of probiotic-based nutrition on haematology and reproduction of silver barb ( <i>Barbonymus gonionotus</i> , Bleeker, 1850)”	3.00	01757111593 01710586058
58.	76 BS	Professor Dr. Md. Jahangir Alam Golam Mohammad Mostakim Lecturer	Department of Fisheries Biology & Aquatic Environment, Faculty of Fisheries, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Adaptation to Climate Induced Changing Environment: Growth and acclimatization of High-Valued Shing Fish, <i>Heteropneustesfossilis</i> at Different Salinities	2.50	01715143521 01911550092
59.	109 BS	Dr. S. M. Rafiquzzaman Associate Professor Md Shakhawate Hossain Assistant Professor	Department of Fisheries Biology and Aquatic Environment, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur	Production of All Female of <i>Heteropneustesfossilis</i> Through Hormonal Manipulation and Identifying XX Neo-male Production	2.50	
60.	140 BS	Professor Dr. A. K. M. Aminul Islam Dr. Md. Ahiduzzaman Assistant Professor	Department of Genetics and Plant Breeding, and Department of Agro- Processing; Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Breeding <i>Jatropha curcas</i> for higher seed and oil yield as a Renewable Source of Energy	3.00	01715401519 01552495532

61.	143 BS	Dr. Emrul Kayesh Associate Professor Md. Shyduzzaman Roni Assistant Professor	Department of Horticulture, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Assessing genetic diversity and molecular characterization among Bangladeshi <i>citrus</i> utilizing simple sequence repeat markers (SSRs)	2.50	01711-069754 01717-915080
62.	146 BS	Dr. Md. Nazmul Hoque Assistant Professor DR. Sattwikesh Paul Lecturer	Department of Gynecology, Obstetrics & Reproductive Health, Faculty of Veterinary Medicine and Animal Science, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Efficacy of different estrus synchronization protocols for timed artificial insemination in Black Bengal goats.	3.50	01712470635 01717401868
63.	193 BS	Professor Dr. M. Mofazzal Hossain Prof. Dr. Mohammad Zakaria	Department of Horticulture, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Salna, Gazipur	Molecular characterization and performance of different strawberry genotypes	2.50	01819-433225 01712-721840
64.	355 BS	Mohammed Mohi-Ud-Din Assistant Professor Professor Dr. Jalal Uddin Ahmed	Department of Crop Botany, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Quest for drought tolerance in wheat using physiological and molecular analysis.	2.00	01711023594 01710838890
65.	427 BS	Dr. Md. Motaher Hossain Associate Professor Dr. Dulal Chandra Assistant Professor	Department of Plant Pathology, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Molecular mapping of Asian soybean rust resistant gene in selected soybean germplasms	2.00	01917043406 01552432833
66.	461 BS	Professor Dr. Abu Sadeque Md. Selim Mueena Jahan Lecturer	Department of Animal Science & Nutrition, Faculty of Veterinary Medicine and Animal Science, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Evaluation of probiotic properties of commercially available probiotic products in Bangladesh	2.50	01718370722 01723132193
67.	464 BS	Dr. Md. Mahbubur Rahman Associate Professor Musrat Zahan Surovy Lecturer	Department of Biotechnology, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur	Molecular Identification of <i>Enterococcus faecalis</i> and their putative virulence genes associated with enterococcal infection in tilapia and catfish fish	2.50	01819489346

### University of Dhaka, Dhaka

68.	121 BS	Dr. Abu Ashfaqur Sajib Assistant Professor Ms. Nilanjana Paul Assistant Professor	Department of Genetic Engineering and Biotechnology, University of Dhaka, Dhaka	Protein engineering and microbial strain development for biofuel production from agricultural wastes	2.50	01981 910 626 01716284981
69.	127 BS	Professor Md. Mozammel Hoq Md. Arafat Al Mamun Scientist	Department of Microbiology, Dhaka University, Dhaka.	Optimization of Fermentation Conditions of Phytase by a Selected Bacterium to be Used as the Digestive Aid in Poultry Feed.	2.50	01717083673 01712663911
70.	129 BS	Professor Dr. Marufa Zerin Akhter S. M. Sabbir Alam Lecturer	Department of Microbiology, University of Dhaka, Dhaka	“Assessment of Antibacterial Properties and Characterization of Novel Bacteriocin from Indigenous <i>Bacillus thuringiensis</i> Strains”	2.50	01817630976 01678715725



71.	155 BS	Dr. Md. Golam Rabbane Associate Professor Mrs. Bijoya Paul Lecturer	Department of Fisheries, University of Dhaka, Dhaka	Identification of Oxidative Stress Responsive microRNAs (miRNAs) in Fish of Bangladesh.	2.50	01818229810 01921847784
72.	164 BS	Md. Rakibul Islam, Ph.D Associate Professor Professor AKM MahubHasan, Ph.D	Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka.	Low cost microbial carotenoid production for feed and food industry: one step toward national food security	2.50	01552448128 01971747847
73.	168 BS	Professor Dr. Rowshan Ara Begum Professor Dr. Reza Md. Shahjahan	Department of Zoology, University of Dhaka, Dhaka	Complete mitochondrial genome sequence of <i>Labeo dero</i> available in Bangladesh	2.50	01675865005 01857800654
74.	472 BS	Professor Dr. Md. Harunor Rashid Khan Mrs. Sayma Khanom Assistant Professor	Department of Soil, Dhaka University, Dhaka.	Assessment, Remediation, Reclamation and Improvement through Manipulation of Acid and Calcareous Soils for the Protection of Agricultural Resources and Sustainable Food Security	2.50	01711229903 01729095776 01913495415
75.	484 BS 25 Phy's	Professor Dr. Sheikh Shamimul Alam Dr. Syeda Sharmeen Sultana Assistant Professor	Department of Botany, University of Dhaka, Dhaka	Cyto-molecular characterization of medicinally important <i>Phyllanthus</i> species available in Bangladesh	2.50	
76.	486 BS 28 Phy's	Professor Laila N. Islam Tania Rahman Assistant Professor	Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka	Assessment of Risk Indicator Biomarkers of Oxidative Stress and Effectiveness of the Antioxidant Defense Systems in Coronary Artery Disease among Bangladeshi Population	3.00	01716815665 01917285696
77.	488 BS 32 Phy's	Professor Dr. Shamim Shamsi Sarowar Hosen Lecturer	Department of Botany, University of Dhaka, Dhaka	Identification and management of seed borne fungi associated with selected BRRI rice varieties.	2.50	01715023801 01721311923

### Jahangirnagar University, Savar, Dhaka

78.	41 BS	Dr. Shuvra Kanti Dey Associate Professor Professor Dr. Ali Azam Talukder	Department of Microbiology, Jahangirnagar University, Savar, Dhaka	Determine the effectiveness of currently available rotavirus vaccine in selected areas of Bangladesh	3.00	01759588088 01715823155
79.	149 BS	Dr. Md. Kamrujjaman Associate Professor Dr. Ismot Ara Associate Professor	Department of Zoology, Jahangirnagar University, Savar, Dhaka.	Impacts of climate change on fish and fisheries diversity of the Andhermanik river and probable mitigation and adaptive measures.	2.50	01711190907
80.	150 BS	Professor Dr. Md. Nuhu Alam Professor Dr. Abul Khair	Laboratory of Mycology, Plant Pathology and Crop Protection, Department of Botany, Jahangirnagar University, Savar, Dhaka	Taxonomic identification of golden oyster mushroom following classical and molecular techniques and development of protocols for their commercial production in Bangladesh	3.00	01711-462417 01712013005
81.	384 BS	Professor Dr. Rasheda Yasmin Shilpi Shamima Nasrin Jolly Assistant Professor	Department of Botany, Jahangirnagar University, Savar, Dhaka	Microbiological Quality of Selected Food Samples Collected From Different Open Markets and Super Markets of Dhaka City.	2.50	01741405522 01712525845

82.	387 BS	Dr. Md. Baki Billah Assistant Professor Professor Dr. Md. Abdus Salam	Department of Zoology, Jahangirnagar University, Savra, Dhaka	Detection and molecular characterization of White Spot Syndrome Virus (WSSV) in some cultured penaeid shrimps of coastal regions in Bangladesh	2.50	01915105323 01914725794
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### Jagannath University, Dhaka

83.	452 BS	Dr. Kazi Shakhawath Hossain Associate Professor A. M. M. Golam Adam Assistant Professor	Department of Botany, Jagannath University, Dhaka	Amylase production protocol from agricultural wastes by mold	2.50	01686723132 01714454541
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### University of Rajshahi, Rajshahi

84.	3 BS	Dr. Mustafa Abul Kalam Azad Associate Professor Professor Dr. Muhammad Nurul Amin	Department of Botany, University of Rajshahi, Rajshahi	<i>In Vitro</i> Conservation, Field Evaluation, and Clonal Selection of Garden Asparagus	2.50	01746077255 01711574849
85.	34 BS	Md. Sarwar Parvez Associate Professor Dr. F M Ali Haydar Assistant Professor	Department of Botany, Rajshahi University, Rajshahi	Molecular Characterization of Drought Tolerance in Wheat ( <i>Triticum aestivum</i> L.)	3.00	01712192477 01711238081
86.	42 BS	Professor Dr. Md. Khalekuzzaman Professor Dr. Md. Asadul Islam	Department of Genetic Engineering & Biotechnology, University of Rajshahi, Rajshahi	Characterization of <i>Momordica</i> species and detection of their diseases using molecular markers.	2.50	01914254287 01983496887
87.	48 BS	Khandaker Md. Khalid-Bin-Ferdous Assistant Professor Dr. Istiak Mahfuz Assistant Professor	Department of Genetic Engineering and Biotechnology, Level 4, 3rd Science Building, University of Rajshahi	Production of an important commercial enzyme alpha amylase for use in textile industries in Bangladesh	2.50	01717428189 01913051295
88.	115 BS	Professor Dr. Farzana Ashrafi Neela Professor Dr. Lipika Ghosh	Department of Botany, Rajshahi University, Rajshahi	Evaluation of microbial contamination of some popular street vended fruit juices sold in local market in Rajshahi city	2.50	01732465793 01716389838
89.	158 BS	S. M. Shahinul Islam Associate Professor Samama Begum Chhabi Associate Professor	Plant Genetic Engineering Lab., Institute of Biological Sciences, Third Science Building, University of Rajshahi, Rajshahi	Development of plants that enhances to salt and Drought stress tolerance in changing environments Using jaz family genes in rice ( <i>oryza sativa</i> L.)	2.50	01716259897
90.	159 BS	Professor Dr. Biswanath Sikdar Md. Faruk Hasan Lecturer	Department of Genetic Engineering & Biotechnology, University of Rajshahi, Rajshahi	Detection of <i>Xanthomonas</i> <i>campestris</i> pv. <i>citri</i> . using biochemical and molecular approaches and its biological management with bacterial antagonistic for citrus canker diseases	2.50	01556-458121 01726802092
91.	303 BS	Dr. Shah Md. Abdur Rauf Associate Professor Dr. Syed Sarwar Jahan Associate Professor	Department of Veterinary and Sciences, Faculty of Agriculture, University of Rajshahi, Rajshahi	Anatomical and histological studies on the visceral organs of poultry for effective disease diagnosis.	2.50	01712841272 01712250118

92.	345 BS	Professor Dr. Md. Jalal Uddin Sarder Dr. Most. Rokeya Sultana Associate Professor	Department of Veterinary and Animal Sciences & Institute of Biological Science, University of Rajshahi, Rajshahi	Infertility problems of dairy cows in Bangladesh and possible remedies	3.00	২০/০৭/২০১৭ তারিখে চূড়ান্ত প্রতিবেদন দাখিল করেছেন 01556308564 01717839012
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### Khulna University, Khulna

93.	17 BS	Professor Dr. Shamim Ahmed Kamal Uddin Khan Professor Dr. Md. Monirul Islam	Department of Agrotechnology Discipline, Khulna University, Khulna	Effect of pre-harvest cultural practices and post-harvest treatments on shelf life of gerbera.	2.50	01716169607 01914066285
94.	457 BS	Md. Moshir Rahman Associate Professor Shaikh Tareq Arafat Lecturer	Fisheries and Marine Resource Technology (FMRT) Discipline, Khulna University, Khulna	Exposing phenotypic plasticity in response to climate change in guppies ( <i>Poecilia reticulata</i> ).	2.50	01716469700 01711359729
95.	460 BS	Professor Dr. Md. Golam Sarower Md. Mehedi Hasan Lecturer	Department of Fisheries and Marine Resource Technology Discipline, Khulna University, Khulna	Isolation and Evaluation of Microalgae as Renewable Energy Feedstock for Prospective Biofuel Production	3.00	01731443838 01706904297

### University of Chittagong, Chittagong

96.	128 BS	Dr. Md. Shafiqul Islam Associate Professor Aysha Akhtar Assistant Professor	Institute of Marine Sciences And Fisheries, University of Chittagong, Chittagong	Biodiversity assessment of rezu khal in cox's bazar district towards sustainable management of the natural resources of this coastal lagoon	2.50	01712062651 01712059944
97.	455 BS	Professor Dr. Md. Aktar Hossain Dr. Bayezid Mahmud Khan Associate Professor	Institute of Forestry And Environmental Sciences, University of Chittagong, Chittagong	Mass clonal propagation of thick walled edible bamboo species ( <i>Dendrocalamus asper</i> ) through tissue culture for industrial production	2.50	01711123809 01797579198

### Islamic University, Kushtia

98.	147 BS	Professor Dr. Md. Anwarul Haque A. K. M. Nazmul Huda Assistant Professor	Department of Biotechnology and Genetic Engineering, Islamic University, Kushtia	Artificial liposome based identification of novel membrane active antimicrobials isolated from medicinal plants in Bangladesh.	2.50	01726522202 01728637047
99.	162 BS	Professor Dr. Md. Rezuhanul Islam Md. Khasrul Alam Assistant Professor	Department of Biotechnology and Genetic Engineering, Islamic University, Kushtia	Microbial Approaches to Control the Blast Diseases of Principle Crops (Whcat and Rice) of Bangladesh Caused by Magnaporthe	2.50	01712110010 01717610919

### International University of Business Agriculture and Technology (IUBAT University) Uttara , Dhaka

100.	93 BS	Professor : Dr Mohammed Ataur Rahman Professor Dr Anil Chandra Basak	College of Agricultural Sciences, International University of Business Agriculture and Technology (IUBAT University), Uttara Model Town, Dhaka	Grow Sack Plants' is a Noble Cultivation Practice in Climate Change Situation	2.50	01711821908 01712137402
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#### BRAC University, 66, Mohakhali, Dhaka

101.	19 BS	Dr. M. Mahboob Hossain Associate Professor Trosposha Tasnim Khan Lecturer	Department of Microbiology, Mathematics and Natural Sciences, BRAC University, 66, Mohakhali, Dhaka	Production of industrially important cellulolytic enzymes from microbes isolated from various natural sources and study of their activities.	3.00	01715107660
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#### Bangladesh University of Engineering and Technology (BUET), Dhaka.

102.	318 BS	Dr. Abu Bin Imran Assistant professor Dr. Md. Shakhawat Hossain Firoz Associate Professor	Department of Chemistry, Bangladesh University of Engineering and Technology (BUET), Dhaka.	Revealing of most common food adulterants in Bangladesh and development of vacile routes for their detections and removals.	3.00	01712762745 01730713767
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#### EXIM Bank Agricultural University, Bangladesh, Chapai-Nawabgonj

103.	350 BS	Dr. Most. Altaf-Un-Nahar Assistant Professor Dr. Md. MashurRahman Lecturer	Department of Horticulture and Biotechnology, EXIM Bank Agricultural University, Chapai- Nawabgonj	Study on Plant Growth Regulators on Growth, Yield and Quality of Summer Tomato	2.50	01961096902 01912371133
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#### Bangladesh University of Health Sciences (BUHS), 125/1, Darus Salam, Mirpur

104.	483 BS 54 Phy's	Salima Akter Assistant Professor Israt Ara Hossain Lecturer	Department of Biotechnology, Bangladesh University of Health Sciences (BUHS), 125/1, Darus Salam, Mirpur-1, Dhaka.	Effects of enhydra fluctuans extract on glycemic and lipidemic status and their relation with heavy metal in normal and type-2 diabetic model rats.	2.50	01717228486 01716143015
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#### Bangladesh Rice Research Institute (BRRI), Gazipur

105.	490 BS 41 Phy's	Dr. Tahmid Hossain Ansari Principal Scientific Officer Dr. Ahsanul Haque Senior Scientific Officer	Plant Pathology Division, Bangladesh Rice Research Institute (BRRI), Gazipur	Development and validation of statistical model for forecasting rice blast disease in Bangladesh	2.50	01716839404 01957034545
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#### Bangladesh Livestock Research Institute, Savar

106.	300 BS	Dr. Nathu Ram Sarker Principal Senior Scientific Officer Mohammed Khorshed Alam Ph.D. Fellow	Biotechnology and Animal Production Research Division, Bangladesh Livestock Research Institute, Savar	Molecular cloning of isolated gene from local gene sources for salt tolerant trait and transformation through <i>Agrobacterium tumefaciens</i> into Napier cultivars.	3.00	01711-733119 01816-708440
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#### Shahjalal University of Science and Technology, Sylhet

107.	31 BS	Dr. Iftekhar Ahmad Associate Professor Dr. Razia Sultana Chowdhury Assistant professor	Department of Food Engineering and Tea Technology, ShahJalal University of Science and Technology (SUST), Sylhet	Assessing the Adoption of HACCP Metasystem in Tea Industries of Bangladesh: Perspective of Food Safety and Quality.	2.50	01712226642 01712321164
108.	131 BS	Dr. Md. Shamsul Haque Prodhhan Associate Professor Md. Hammadul Hoque Lecturer	Department of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology, Sylhet	Improvement of Native <i>Citrus sp.</i> of Sylhet Region Through Biotechnological Approaches	3.00	01735948380
109.	353 BS	Dr. S. M. Abu Sayem Associate Professor Professor Dr. Salma Akhter	Department of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology, Sylhet	Enhanced production of biogas through enzymatic hydrolysis of dung and augmented household feedstock in two-stage bioreactor	2.50	01717082520
110.	357 BS	Professor Dr. Md. Mozammel Hoque Ziaul Faruque Joy Lecturer	Department of Food Engineering and Tea Technology Shahjalal University of Science and Technology (SUST), Sylhet	Bioethanol Production from Municipal Solid Wastes	2.50	01715492961 01674951523

### Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur

111.	85 BS	Professor Dr. Md. Mamunur Rashid Dr. Md Mominur Rahman Associate Professor	Department of Plant Pathology, Hajee Mohammad Danesh Science and Technology University, Dinajpur	Survey in danger of extinction and integrated management of blast disease of kataribhog rice in the Dinajpur-Rangpur aromatic rice zone	2.50	01556307423 01717676525
112.	90 BS	Professor Dr. Md. Alamgir Hossain Dr. Md. Adnan Al Bachchu Associate Professor	Department of Entomology, Hajee Mohammad Danesh Science & Technology University (HSTU), Dinajpur	Suppression of pulse beetle ( <i>Callosobruchus chinensis</i> L.) infesting stored chickpea ( <i>Cicer arietinum</i> L.) seed with some botanical extracts	2.50	01713 163326 01713163342
113.	170 BS	Professor Dr Bidhan Chandra Halder Md. Abdullah Al Mamun Assistant professor	Department of Horticulture, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur	Growing Winter Vegetable Crops Using Organic Mulches in Water Stress Environments of Barapukuria Coal Based Power Station of Dinajpur.	2.50	01715057495 01720411675
114.	178 BS	Professor Dr. Tahera Yeasmin, PhD Md. Shahin Alam Assistant Professor	Department of Dairy and Poultry Science, Faculty of Veterinary and Animal Science, Hajee Mohammad Danesh Science and Technology University, Dinajpur	“Dietary effect of garlic extract as a replacer of antibiotic and antioxidant on the performance of broiler”	2.50	880-1717469301 880-1717526070
115.	180 BS	Dr. Md. Khaled Hossain Associate Professor Dr. Farzana Afroz Assistant Professor	Department of Microbiology, Hajee Mohammad Danesh Science and Technology University, Dinajpur	Reduction of Economic Losses by Identifying Resistant Antibiotics used Against Bacterial Diseases of Poultry.	2.50	

### Patuakhali Science and Technology University (PSTU), Dumki, Patuakhali

116.	451 BS	Professor Dr. Swadesh Chandra Samanta Professor Md. Harun-Or-Rashid	Department of Agronomy, Patuakhali Science and Technology University, Dumki, Patuakhali	Development of Agronomic Practices for Increasing Yield of Aus Rice in Tidal Ecosystem of Bangladesh	2.50	01738811079 01552429714
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## Noakhali Science and Technology University, Sonapur, Noakhali

117.	136 BS	Professor Mehedi Mahmudul Hasan Dr. Shyamal Kumar Paul Lecturer	Department of Fisheries and Marine Science, Noakhali Science and Technology University, Sonapur, Noakhali	Ecological relationship of economic important fish in the estuarine coast of Noakhali, Bangladesh	2.50	01727240180 01716024079
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## Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka

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118.	8 BS	Professor Dr. Md. Sohrab Uddin Sarker Life Member Dr. Md. Lokman Hossain Life Member	National Oceanographic and Maritime Institute (NOAMI), 10/8, Eastern Plaza, 9th Floor, Sonargaon Road, Hatirpool, Dhaka	Study on the Population Status and Breeding Biology of Marine Turtles, Sea Snakes, Estuarine Crocodile and Dolphins on the Coast of the Bay of Bengal: Challenges and Conservation Issues	2.00	01720056396 01711 358132
119.	27 BS	Dr. Md. Abdul Wahab Scientific Officer Rabindranath Roy Scientific Officer	PROFIT FOUNDATION, Upazila Parishad Chattar, Post: Tusbhandar, PS: Kaligonj, Dist: Lalmonirhat	Integrated Disease Management of Ginger Lalmonirhat	2.00	১০/০৯/২০১৭ তারিখে I.J.K ফরম পূরণপূর্বক বিলভাউচার দাখিল করেছেন।
120.	144 BS	Md. Ershad Hossain Khan Chief Scientific Officer Dr. Mohibul Haque Senior Scientific officer	Scientific Research Division of Slum People's Development Organization (SPDO). Head Office: 53, Motijheel (Modern Mansion 14 <sup>th</sup> Floor) Dhaka	Integrated Disease Management (IDM) of ginger in the hill tracks areas of Bangladesh.	2.00	01714626670
121.	337 BS	Dr. Md. Abdur Rahman Chief Scientific Officer Dr. Md. Nurul Islam Sheikh Senior Scientific Officer	MAM Welfare Trust (MAMWT), 121/2, Madhya Badda, Dhaka.	"Conducting research on innovative production and post-harvest methods to improve the quality of potatoes with improve resistance to late blight and Common scab."	2.00	01712103857 01781351752
122.	340 BS	Dr. M.M. Kamrozzaman Mollah Principal Scientific Officer Mst. Rubina Begum Agricultural Consultant	Esho Jati Gorhi (EJAG), Housing Estate, Goalchamot, Faridpur	Scientific Research on the baby corn production and its problems and prospects	2.00	01718731793 01728958570
123.	360 BS	DR. Md. Abdul Mazid Mian Director Dr. Abdur Rashid Khan Deputy Chief Scientific Officer Md. Abdus Samad Executive Director	Foundation for United Efforts for Development (FUED). House # 02, Road # 03, Sector # 12, Uttara, Dhaka	Studies on sustainable soil management for proper yield of HYV Rice & vegetables.	2.00	01746058199 01711405174
124.	362 BS	Dr. Mainul Haq Director and Head Md. Hamidur Rahman PhD Senior Scientific officer S M Forkan Uddin Director	AHSU- Foundation, College Road, Upazila: Shibpur, District: Narsingdi	"Studies on Application of an approach based on the livestock feed system as a mitigation measure for microbial threats in dairy production in Bangladesh".	2.00	01711516965

125.	380 BS	Rezwanul Mahmud Agriculture Specialist Md. Delawar Hossain Molla Chief Scientific Officer Syed Reaz Monowar Secretary General	Organization for Rural and Nature Oriented Bangladesh (ORNOB), House # 13, Road # 31, Sector # 7, Uttara, Dhaka	A Critical Evaluation for Sand Lifting and Its Consequences on Agriculture and Rural Society in Bangladesh	2.00	01718855340 01974667799
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## Medical Sciences (Medi's) Group

### Bangabandhu Sheikh Mujib Medical University (BSMMU), Shahbag, Dhaka

SL. No.	Gr. SL.	Name of the Principal Investigator & Associate Investigator	Address of the Principle Investigator	Name of the Project Title	Recommended Grant Amount	Telephone/ Mobile No of PI & CO-PI
126.	28 MEDI;S	Dr. Amin Lutful Kabir Associate Professor Dr. Abdul Aziz Associate Professor	Department of Haematology, Bangabandhu Sheikh Mujib Medical University (BSMMU), Shahbagh, Dhaka	Linking of Pesticide exposure and risk of blood cancer in multicenter study in Bangladesh	3.00	01912928326 01760088697 01712463976
127.	88 MEDI;S	Dr. S. M. Rashed ul Islam Assistant Professor Dr. Umme Shahera Medical officer	Department of Virology (Block-B, Basic science building), Bangabandhu Sheikh Mujib Medical University (BSMMU), Shahbag, Dhaka	Hepatitis C virus regulated gene expression profiling among the chronic hepatitis C virus infected patients of Bangladesh.	4.00	01713236399 01711345008
128.	93 MEDI;S	Professor Shaheen Akhter Dr. Jannatara Shefa Research Medical Officer	Institute of Paediatric Neurodisorder & Autism (IPNA), Bangabandhu Sheikh Mujib Medical University (BSMMU), Shahbag, Dhaka	EEG findings and their relation with intellectual disability in children with ASD in a tertiary care hospital	3.00	01713011759 01715254283

### Sir Salimullah Medical College, Mitford, Dhaka

129.	110 MEDI;S	Dr. Ashim Chakraborty Resident Physician Dr. Rajib Kumar Saha Indoor Medical Officer	Department of Medicine, Sir Salimullah Medical College Mitford Hospital, Dhaka	Frequency of anemia in patients attending in a tertiary care hospital of Bangladesh	5.00	
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### Dhaka Medical College Hospital, Dhaka

130.	112 MEDI;S	Dr. Mohammad Ehasun Uddin Khan OSD (DGHS) Dr. Faisal Bin Yousuf Indoor Medical Officer	Department of Nephrology, Dhaka Medical College Hospital, Dhaka	Kidney injury in Burn patients: efficacy of Neutrophil gelatinase- associated lipocalin (NGAL) in early diagnosis.	5.00	
131.	122 MEDI;S	Professor Dr. S.M. Shamsuzzaman Dr. Mohammad Jobayer Medical Officer	Department of Microbiology, Dhaka Medical College, Dhaka	Development of vaccine against acinetobacter baumannii isolated from blood by protective antibody producing protein separation and challenge in mouse model	6.00	01819 289739 01716042561

Shaheed Suhrawardy Medical College Hospital, Sher-E-Banglanagar, Dhaka

Bangladesh University of Health Sciences (BUHS), Mirpur-1, Dhaka

132.	26 MEDI;S	Muhammad Saiedullah Assistant Professor Professor Dr Md Zahid Hassan	Department of Physiology and Molecular Biology, Bangladesh University of Health Sciences (BUHS), Mirpur-1, Dhaka	Low level of high density lipoprotein cholesterol in Bangladeshi adults: role of ApoA1, paraoxonase and myeloperoxidase enzymes and ApoA1 and ApoB gene variants	2.00	01765024765 01552300984
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Bangladesh Institute of Research and Rehabilitation in Diabetes, Endocrine and Metabolic Disorders (BIRDEM), Dhaka

133.	40 MEDI;S	Professor Dr. Afsana Karim Professor Jesmin, PhD	Department of Pharmacology & Cell Biology, BIRDEM General Hospital, Ibrahim Memorial Diabetes centre, 122 Kazi Nazrul Islam Avenue, Dhaka.	Identifying prognostic biomarkers of type 2 Dhaka diabetes in Bangladesh population and developing low-cost genetic screening tests for Bangladeshi patients.	5.00	01711704458
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Medical College for Women & Hospital (MCW&H), Uttara Model Town, Dhaka

134.	6 MEDI;S	Dr Khadija Akther Jhuma Associate Professor Professor Dr. ASM Giasuddin	Department of Biochemistry & Medical Research Unit (MRU), Plot- 4 Road-9 Sector-1, Uttara Model Town, Dhaka	Study on apolipoproteins, ie ApoA1, ApoB48, ApoB100, ApoE and CEPT and mucin in plasma/serum and gallbladder bile of cholelithiasis patients before (I°) and after (II°) cholecystectomy and in plasma/serum of normal control subjects.	4.00	01199132135
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Dr. Sirajul Islam Medical College & Hospital, Dhaka

135.	102 MEDI;S	Dr. Nilima Barman Associate Professor Dr. Debabrata Ghosh Project Director	Department of Pathology, Dr. Sirajul Islam Medical College & Hospital, 12/3, New Circular Road, Malibagh, Dhaka	Effect of indoor air pollution due to cook stove fuel combustion on women's health in Bangladesh	4.00	
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Dhaka University, Dhaka

136.	54 MEDI;S	Dr. Sunjukta Ahsan Associate Professor Dr. Kajal Ahsan Assistant Professor	Department of Microbiology, University of Dhaka, Dhaka	Phylogenetic analysis of drug resistant bacteria isolated from cancer aspirates	3.00	01948283983 01972014780
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Rajshahi University, Rajshahi



137.	8 MEDI;S	Dr. Md. Nuruzzaman Haque Associate Professor Professor Dr. Md. Enamul Haque	Department of Population Science and Human Resource Development, University of Rajshahi, Rajshahi	Nutritional Assessment of Autistic School Children at Rajshahi City in Bangladesh	2.00	01556621599
138.	14 MEDI;S	Dr. Md. Abdur Rakib Assistant Professor Professor Dr. Jahan Ara Khanam	Department of Biochemistry and Molecular Biology, University of Rajshahi, Rajshahi	Therapeutic potential of <i>Moringa oleifera</i> leaves extracts in the inhibition of Angiotensin Converting Enzyme (ACE) which ameliorate hypertension.	2.00	01711302971 01914254928
139.	85 MEDI;S	Professor Dr. Mir Imam Ibne Wahed Dr. Ranjan Kumar Barman Assistant Professor	Department of Pharmacy, University of Rajshahi, Rajshahi	Pharmacological Efficacy and Bio- Equivalence Study of Nanoparticles of Poorly Water Soluble Drug.	3.00	01718133894 01711301294

#### Bangladesh Agricultural University (BAU), Mymensingh

140.	56 MEDI;S	Professor Dr. Thahsin Farjana Professor Dr. Shahiduzzaman	Department of Parasitology, Bangladesh Agricultural University (BAU), Mymensingh	Seasonal dynamics of vector mosquitoes in relation with meteorological factors like temperature, rainfall and humidity in Mymensingh city.	3.00	01760 750639 01716-460558
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#### Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka

141.	101 MEDI;S	Dr. Md Hossain Sohrab Principle Scientific Officer Mst. Nadira Begum Scientific Officer	Pharmaceutical Sciences Research Division, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Quadrant-I-Khuda Road, Dhanmondi, Dhaka	Screening of anticancer properties and elucidation of mechanism of actions through <i>in vitro</i> cell culture of crude extracts, fractions and isolated compounds obtained from medicinal plants and endophytic fungi.	3.00	01720121525 01923215851
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#### NGO

142.	83 MEDI;S	Dr. Rakibul Islam Dr. Ali Ahmed Majumder Coordinator Mahububa Akter Director	Grassroot Level Population Development Foundation (GLPDF), 212, Mainertak, Badda, Dhaka	Studies on Identifying, treating and managing risk factors of high blood pressure, cholesterol and cardiovascular disease.	2.00	01720001797 01684515138
143.	96 MEDI;S	Professor Dr. Zahir Uddin Chowdhury Director and Chief Consultant Dr. Rabeya Yasmin Assistant Consultant Ms. Nazma Sunzida Executive Director	HEND Foundation, BRRRI Road, Jogitola, Joydebpur, Gazipur	Investigating natural antioxidants and other health enhancing nutrients as anti-cancer agents.	2.00	01715276366 01920940962

## Environmental Sciences (ES) Group

SL. No.	Gr. SL.	Name of the Principal Investigator & Associate Investigator	Address of the Principle Investigator	Name of the Project Title	Recommended Grant Amount	Telephone/ Mobile No of PI & CO-PI
144.	5 ES	Professor Dr. Md. Abul Kalam Azad Professor Dr. Mushtaq Ahmed	Department of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology (SUST), Sylhet	Mitigation of Climate Change and Environmental Pollution by Bioconversion of Organic Municipal Solid Wastes into Bioresources through Production of Industrially Important Enzymes and Biodiesel	2.00	01715160921 01711161075
145.	20 ES	Professor Dr. Md. Ruhul Amin Dr. Rayhanur Jannat Assistant Professor	Department of Entomology, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Seasonality of the fruit fly in a mango based agroforestry	2.00	01714260959 01718263976
146.	36 ES	Dr. Md. Robiul Islam Associate Professor Professor Dr. A. M. Shahidul Alam	Department of Agronomy & Agricultural Extension, Rajshahi University, Rajshahi	Deficit irrigation practices to minimize arsenic accumulation in rice	3.00	01914254233
147.	46 ES	Professor Dr. M. Shahidul Islam Dr. M. Serajul Islam Associate Professor	Department of Geography and Environment, University of Dhaka, Dhaka	Issues Related to Blue Economy and the Identification of Suitable Beach Locations and Beach Resources along the Coastal Belt and Off-shore Islands for Sustainable Development of Coastal Tourism in Bangladesh	4.00	01819629965 01711205198
148.	49 ES	Professor Humaira Akhter Sharmin Zaman Emon	Department of Microbiology, University of Dhaka, Dhaka	Diversity of nitrogen fixing bacteria associated with sugarcane: analysis for its use as biofertilizer	3.50	01552314010
149.	60 ES	Professor Dr. Fakhruddin Ali Ahmed Professor Dr. Sanzida Mubassara	Department of Botany, Jahangirnagar University, Savar, Dhaka	“Study on mushroom diversity in Sundarban mangrove forest of Bangladesh—an indicator of forest health and pollution”	4.00	01711132981 01745922023
150.	67 ES	Professor Dr. Hosne Ara Begum Professor Dr. Md. Mufazzal Hossain	Department of Chemistry, University of Dhaka, Dhaka	Utilization of Agricultural Wastes as Biosorbents for the Removal of Dyes from Aqueous Solution: An Approach for Wastewater Treatment	4.00	01715279653 01817675017
151.	69 ES	Professor Dr. Khandakar Shariful Islam Professor Dr. Mahbuba Jahan	Department of Entomology, Bangladesh Agricultural University (BAU), Mymensingh	Effect of climate change on the outbreak of the pest papaya mealybug, <i>paracoccus marginatus</i> in Bangladesh.	4.00	01716370731 01716370732
152.	72 ES	Professor Dr. Gulshan Ara Latifa Alifa Bintha Haque Lecturer	Department of Zoology, University of Dhaka, Dhaka	Using Citizen Science to unveil the aspects of conservation loopholes and threats posed in marine species conservation by by-catch of marine megafauna and trash fisheries in the industrial and artisanal marine fisheries sector of Bangladesh.	4.00	01731368977 01716052983

153.	73 ES	Professor Md. Zakir Hossain Howlader, Ph.D. Tasnin Akter Nila Lecturer	Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka	Rice bran stabilization and its effects on the content of nutrients and anti- nutrients: Exploring the possibilities to improve the utility of rice bran as a functional food	3.50	01716409601
154.	75 ES	Professor Ashfaque Ahmed Professor Dr. Parveen Rashid	Department of Botany, University of Dhaka, Dhaka	Spatial and temporal variations of soil quality and microbial community structure and diversity as affected by rhizospheres of different mangrove species	2.00	১৭/০৯/২০১৭ তারিখে বিলভাউচার দাখিল করেছেন 01911745320
155.	78 ES	Dr. Abu Khayer Md. Muktadirul Bari Chowdhury Associate Professor Dr. Md. Shamsuzzoha Associate Professor	Department of Crop Physiology and Ecology, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur	Pilot scale management of agro- industrial and municipal solid wastes to mitigate climate change and food security	2.00	01556307886 01713163339 01718617882
156.	79 ES	Professor Dr. Bikash Chandra Sarker Md. Atikul Islam Assistant Professor	Department of Agricultural Chemistry, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur	Investigation of antioxidant enzyme activities, chlorophyll content of leaves and yield of aromatic cultivars under plant growth regulator -GA <sub>3</sub>	2.00	01715057609 01712300090
157.	80 ES	Dr. Md. Shoibur Rahman Associate Professor Md. Hafiz All Amin Assistant Professor	Department of Agroforestry and Environment, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur	Effect of bio-pesticides on organic tea production in Panchagarh District of Bangladesh.	2.00	01777448929 01824359048
158.	91 ES	Professor Dr. Rejuan Hossain Bhuiyan Professor Dr. Kazi Md. Fazlul Haq	Department of Geography and Environment, University of Dhaka, Dhaka	Regional Variation of Sugarcane Yield and <i>Sucrose</i> Recovery in Bangladesh: A Spatio-temporal Analysis	3.50	01715842955 01819007362
159.	98 ES	Professor Dr. Md. Abdul Wadud Professor Dr. G.M. Mujibar Rahman	Department of Agroforestry, Bangladesh Agricultural University (BAU), Mymensingh	Effect of agroforestry practices on soil environment	3.00	01743105995 01712614752
160.	109 ES	Dr. Abdullah Mohammad Shohael Associate Professor Md. Sharif Hossain, Phd Assistant Professor	Department of Biotechnology & Genetic Engineering, Jahangirnagar University, Savar, Dhaka	Evaluation of the important role of <i>Arabidopsis AtNHX3</i> gene encoding a novel putative vacuolar Na <sup>+</sup> /H <sup>+</sup> antiporter under salt stress of transgenic fodder crop in Bangladesh	3.50	01841391712 01758832428
161.	110 ES	Professor Muhammad Manjurul Karim Professor Dr Sirajul Hoque	Department of Microbiology, University of Dhaka, Dhaka	Characterization of salt-tolerant plant growth promoting rhizobacteria for its potential application as biofertilizer in coastal areas of Bangladesh under changing climate conditions	4.00	01715490535
162.	111 ES	Md. Saiful Alam Assistant Professor Md. Azizul Haque Lecturer	Department of Applied Chemistry and Chemical Engineering, Noakhali Science and Technology University (NSTU), Noakhali	Synthesis, Characterization and Application of metal oxide-metal oxide core-shell nanocomposite particles in the field of waste water treatment	3.00	01913792542

163.	116 ES	Dr. Muhammed Alamgir Zaman Chowdhury Principal Scientific Officer Md. Abdur Rahman Senior Scientific Officer	Institute of Food and Radiation Biology, Atomic Energy Research Establishment, Ganakbari, Savar, Dhaka	Assessment of Heavy Metals Accumulation in Soil and their Transfer to Plant along the Dhaka Aricha Highway, Savar.	3.00	01676118742 01712660975 01716075833
164.	121 ES	Professor Dr. Md. Sultan-Ul-Islam Dr. S. M. Shafiuzzaman Associate Professor	Institute of Environmental Science, University of Rajshahi, Rajshahi	Adaptation to Climate Change Vulnerabilities Ensuring Agricultural and Environmental Sustainability in the Water Stressed Barind Area, Northwestern Bangladesh	4.00	01715324431 01914254419
165.	123 ES	Professor Dr. Md. Khabir Uddin Nikhil Chandra Bhoumik Scientist	Department of Environmental Sciences, Jahangirnagar University, Savar, Dhaka	Screening of Bacteria on the Basis of the pH, Temperature and Chemical Sensitivity for Degradation of Organic Pollutant in Wastewater	5.00	01715999770
166.	126 ES	Dr. Md. Anwar Hossain Chief Scientific Officer Dr. Md. Motiur Rahman Deputy Director Md. Sakhawat Hossain Director	Society for Rural Rehabilitation and Development (SRRD), Jamgara G. M. School Road, Ashulia, Dhaka	Studies on Improving Management of Field Crops and Enhancing Soil Quality - Its Structure and Fertility - While Maintaining the Integrity of the Agricultural Environment	2.00	01941373099 01923345456
167.	135 ES	Dr. Urmme Salma Zohora Assistant Professor Dr. Mohammad Shahedur Rahman Associate Professor	Department of Biotechnology and Genetic Engineering, Jahangirnagar University, Savar, Dhaka	Metabolic modeling of microbial community of hazaribag Tannery waste	2.00	01715219817
168.	141 ES	Professor Dr. Md. Forhad Hossain Md. Shariful Islam Assistant Professor	Department of Agroforestry and Environmental Science, Sher-e- Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka	Assessment of ecosystem services and benefits of rooftop gardening for eco-friendly city development using geospatial technology	2.00	01716236385 01710592268
169.	149 ES	Mohammad Moniruzzaman Senior Scientific Officer Akhtar Hamid Dewan Chief Scientific Officer	Environment Section, Biological Research Division, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Khudrat-I- Khuda Road, Dhanmondi, Dhaka	Effect of Arsenic-Selenium Interaction on Biomagnification of Arsenic in Food Chain and its Relevance to Arsenicosis in Human Beings at Different Arsenic Affected Areas of Bangladesh	3.50	
170.	152 ES	Dr. Sirajur Rahman Khan Life Member Sayed Badrul Karim Life Member	National Oceanographic and Maritime Institute (NOAMI), 10/8, Eastern Plaza, 9th Floor, Sonargaon Road, Hatirpool, Dhaka	A proposal for Environmental study by visual documentation of all aspects of Blue Economy for future development planning of the coastal and EEZ areas of Bangladesh	2.50	01715091005 01712056085
171.	154 ES	Dr. Md. Motaher Hossain Associate Professor Professor Dr. Mohammad Mehedi Hasan Khan	Department of Fisheries Technology and Quality Control, Sylhet Agricultural University, Sylhet	Heavy metals contamination of fresh water fishes from the Surmariver in Sylhet region	2.50	01715451517 01680592166
172.	159 ES	Dr. Syed Mohammad Shamsul Huda Associate Professor Rajasree Nandi Assistant Professor	Institute of Forestry and Environmental Sciences, University of Chittagong, Chittagong	Development of Energy-Saving and Recovering Biological Technology for Industrial Effluent Treatment	3.00	01857234118 01818879408

Engeneering and Applied

Sciences (EAS) Group

SL. No.	Gr. SL.	Name of the Principal Investigator & Associate Investigator	Address of the Principle Investigator	Name of the Project Title	Recommended Grant Amount	Telephone/ Mobile No of PI & CO-PI
173.	2 EAS	Md. Abdul Matin Mondal Board Member Professor Dr. Md. Kamrul Alam Khan Board Member Md. Rafiqul Alam Life Member	National Oceanographic and Maritime Institute (NOAMI), 10/8, Eastern Plaza (9 <sup>th</sup> Floor), Sonargoan Road, Dhaka	Comparative Energy Generation of PKL, Tomato, Aloe Vera and Lemon Zn/Cu Based Vegetative Batteries for Practical Utilization Along the Coastal Belt of Bangladesh	3.00	01712835549 0191135447 01726624715
174.	3 EAS	Professor Dr. Mohd. Maniruzzaman Md. Minhaz-Ul Haque Associate Professor	Department of Applied Chemistry & Chemical Technology, Islamic University, Kushtia	Preparation of Shrimp Shell Chitosan-Clay Nanocomposites and their Applications for Dyeing Industries Wastewater Effluents Purification	3.00	01718449080 0171867688
175.	7 EAS	Kamruzzaman Kamrul Toukir Ahmed Abul Khayer Executive Director.	Fortune Techno Herbal Industry, House No. 38, Road No. 12, Ukil Para, Borhanuddin, Bhola	Sunflower cultivation of sunflower crops for production of sunflower seeds, oil and oils commodities in coastal and char areas.	2.00	01911871740 01926227131 01721188006
176.	9 EAS	Dr. M. Farhad Howladar Associate Professor Engr. ATM Shahidul Haq Mazumder	Department of Petroleum and Mining Engineering, Shahjalal University of Science and Technology (SUST), Sylhet.	Understanding the suitability of drinking water quality for public health in Sylhet city Corporation: Insight from water quality index and multivariate statistical analysis.	4.00	
177.	10 EAS	Dr. Md. Hasnat Kabir Associate Professor Dr. Aurangzib Md. Abdur Rahman Associate Professor	Department of Information and Communication Engineering, University of Rajshahi, Rajshahi	A fused deposition modeling 3d printer using local resources	3.00	01717670160 01711946384
178.	12 EAS	Dr. Md. Shaha Nur Kabir Associate Professor Md. Abdul Munnaf Lecturer	Department of Agricultural and Industrial Engineering, Faculty of Engineering, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur	Investigation of the Characteristics and Risk Factors Associated with Fetal Farm and Agricultural Injuries in Bangladesh	3.00	01737676930 01710330244
179.	13 EAS	Dr. Bishwajit Saha Associate Professor Razin Ahmed Lecturer	Department of Electrical and Electronics Engineering, International University of Business Agriculture and Technology (IUBAT), 4 Embankment Drive Road, Sector 10, Uttara Model Town, Dhaka	Development and Evaluation of a Free Energy Electric System for Remote Residential and Industrial Uses	2.00	01818240545 01677274554
180.	14 EAS	Dr. Md. Jahangir Alam Associate Professor Md. Ismail Hossain Assistant Professor	Department of Agronomy & Agricultural Extension, Rajshahi University, Rajshahi	Synthesis of Nanoparticles Mediated Smart Fertilizer for Crop Production'	3.00	01716587448 01714657056

181.	15 EAS	Dr. Mohammad Abu Yousuf Assistant Professor Ri sala Tasin Khan Associate Professor	Institute of Information Technology (IIT), Jahangirnagar University, Savar, Dhaka	Piloting and assessment of improvement of Science & Technology awareness & research in rural, semi-urban and urban setting from using 'Centrally Supported Internet Enabled Real-Time Interactive Distributed Learning Infrastructure' for Science & Technology students/teachers/ professionals.	2.00	01711469636 01715108479
182.	24 EAS	Professor Dr. Mohammad Kamruzzaman Professor Dr. Ashequl Alam Rana	Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka	"Preparation and characterization of solid supported heteropolyacid catalyst for biodiesel production from renewable sources by single step process".	4.00	01711582759 01741466765
183.	26 EAS	Dr. Abul Khayer Mallik Assistant Professor Asaduzzaman Lecturer	Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka	Development of polymer/silica nanocomposites for high-temperature electrical applications	4.00	
184.	27 EAS	Professor Dr. Md. Zahangir Alam Al-Mizan Scientific Officer	Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka	Development of Chitosan Treated Antimicrobial Medical Textiles	4.00	01711577225 01672824968
185.	28 EAS	Dr. Sk. Shariful Alam Associate Professor Dr. Monir Hossen Associate Professor	Department of Electronics and Communication Engineering, Khulna University of Engineering and Technology (KUET), Khulna	Smart E-Ticketing System for Bangladesh Railway	3.00	01714087379 01930788352 01714087380
186.	32 EAS	Professor Dr. Md. Kamrul Hasan Dr Taufiq Hasan Al Banna Assistant Professor	Department of Biomedical Engineering, Bangladesh University of Engineering and Technology (BUET), Dhaka	Development of a Mobile Health Research Laboratory for The Department of Biomedical Engineering at BUET	8.00	01753072171 01817579844
187.	34 EAS	Dr. Md. Hafezur Rahaman Associate Professor Gazi Md. Arifuzzaman Khan Associate Professor	Department of Applied Chemistry & Chemical Technology, Islamic University, Kushtia	Development of Green Bio- composites of Poly (lactic acid) and Modified Cellulose	2.00	01712110213 01715210012
188.	36 EAS	Rumana A. Jahan Senior Scientist Hasina Akhter Simol Scientist	Centre for Advance Research in Sciences (CARS), University of Dhaka, Dhaka	Preparation of metal oxide semiconductor (MOS) nanoparticles applied for the fabrication of low cost solar cells	3.00	01827171949 01819501208
189.	37 EAS	Professor Abu Bakar Md. Ismail Professor Dr. Md. Atowar Rahman	Department of Applied Physics & Electronic Engineering, University of Rajshahi, Rajshahi	Low-temperature Electrochemical Deposition of Silicon for Thin-film Solar Cell Fabrication	3.00	01712511457 01812695849
190.	38 EAS	Professor Dr. Saiful Huque Dr.Nasif Shams Assistant Professor	Institute of Energy, University of Dhaka, Dhaka	Development of multipurpose transport vehicle and charging station models using photovoltaic system	4.00	
191.	39 EAS	Professor Dr. Md. Nurnabi Dr. Deowan Md. Shamim Lecturer	Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka	Design of membrane bio-reactor and its Application in textile effluent treatment.	10.00	01552428255 01703694615
192.	41 EAS	Professor Dr. Shah Md. Masum Professor Dr. Mohmmad Mainul Karim	Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka	Photocatalytic technology as a new approach to solve wastewater and industrial effluents treatment.	3.00	01555224466 01749467276 01816359508

193.	47 EAS	Professor Dr. Muhammad Ashik-E-Rabbani Md. Sanaul Huda Lecturer	Department of Farm Power and Machinery, Bangladesh Agricultural University, Mymensingh	Development and evaluation of a power operated Seed-cum-fertilizer applicator for marginal farmers	3.00	01712634354
194.	50 EAS	Dr. Abdullah Iqbal Associate Professor Nushrat Yeasmen	Department of Food Technology and Rural Industries, Bangladesh Agricultural University (BAU), Mymensingh	Development of Programmable Logic Controller (PLC) on Arduino platform and improved user interface software and standardization on a Pilot Plant	3.00	01712555485 01676257602
195.	51 EAS	Md. Emdadul Haque Former Director Dr. Engr. Md. Lutfor Rahman Board Member	National Oceanographic And Maritime Institute (NOAMI), 10/8, Eastern Plaza (9 <sup>th</sup> Floor), Sonargoan Road, Dhaka	River Bank Erosion Protection in the high tidal, low tidal and non-tidal river by using bamboo bandalling in Bangladesh	2.00	01711592404 01715039646
196.	61 EAS	Dr Md Kamal Hossain Senior Scientific Officer Akhtar Hamid Dewan Chief Scientific Officer	BCSIR Laboratories, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Qudrat-I-Khuda Road, Dhanmondi, Dhaka	Using the Green Nanotechnology for Synthesis of Titanium di Oxide (TiO <sub>2</sub> ) Nanoparticle and its used for fabrication of dye sensitized Solar Cells	3.00	58610752 58610761
197.	62 EAS	Professor Dr. A.M. Sarwaruddin Chowdhury Nasima Akter Mukta Lecturer	Department of Applied chemistry and Chemical Engineering, Dhaka University, Dhaka	Characterization and Modification of Sal (Shorea robusta) Seed Oil for the preparation of quality soap.	3.00	01552379400

## Inter-Disciplinary (ID) Group

SL. No.	Gr. SL.	Name of the Principal Investigator & Associate Investigator	Address of the Principle Investigator	Name of the Project Title	Recommended Grant Amount	Telephone/ Mobile No of PI & CO-PI
198.	3 ID	Dr. Md. Ismail Tareque Associate Professor Professor Dr. Mostafizur Rahman	Department of Population Science and Human Resource Development, University of Rajshahi, Rajshahi	Determinants of Awareness, Treatment and Control of Hypertension among Seniors in Bangladesh	1.50	01914 254 365 01558 822 007
199.	2 ID	Professor Dr. A.A.Ziauddin Ahmad Chairman A.K.M. Shahidul Hasan Director (Retd.) Syed Mainuddin Haider Acting General Secretary	National Oceanographic and Maritime Institute (NOAMI), 10/8, Eastern Plaza, 9th Floor, Sonargaon Road, Hatirpool, Dhaka 1205	Thirteenth Training Course on Oceanography: Principles and Applications	6.00	01199805434 01718427931
200.	5 ID	Professor Dr. Md. Toufiq Iqbal Dr. Md. Halim Mahmud Bhuyan Lecturer	Department of Agronomy & Agricultural Extension, University of Rajshahi Rajshahi, Rajshahi	Utilization of <i>Trichoderma</i> as a decomposition agent on press mud for wheat production	3.00	01819529813 01838286964
201.	7 ID	Professor Dr. Mst. Papia Sultana Professor Dr. Md. Nurul Islam	Department of Statistics, University of Rajshahi, Rajshahi	Taxation on tobacco products and its effect in reducing tobacco use among students of tertiary educational institutions in Rajshahi City Corporation: A statistical investigation.	2.00	01914254247 01715078277

202.	8 ID	Mr. Md. Bashir Uddin Khan Assistant Professor Moonmoon Binta Aziz Assistant Professor	Department of Criminology and Police Science, Mawlana Bhashani Science and Technology University, Santosh, Tangail	Impact of CCTV Surveillance on Crime Prevention in Bangladesh: A Study in Dhaka City.	2.00	01918568215 01718661151
203.	9 ID	Professor Dr. Uttam Kumar Majumder Shukla Rani Das Assistant Professor	Department of Statistics, Hajee Mohammad Danesh Science and Technology University, (HSTU), Dinajpur	Determinants of Socio-economic status, Food habits, Health Status and Abuse among Elderly People of the <i>Chitmahal</i> Areas of Northern Bangladesh	2.00	01713163332 01716604962
204.	11 ID	Professor Dr. Md. Delwer Hossain Dr. Dil Afroza Khanom Assistant Professor	Department of Fisheries, Rajshahi University, Rajshahi	Eco-biology and biochemical composition of <i>Lates calcarifer</i> (Bloch, 1790) in coastal waters of Bangladesh.	2.00	01719474476 01925428491
205.	17 ID	Professor Dr. Md. Atiqur Rahman Professor Dr. Tanzima Parvin	Department of Applied Chemistry and Chemical Technology, Islamic University, Kushtia	Phytochemical screening and <i>in vitro</i> bioactivities of <i>Ocimum gratissimum</i> L.	1.50	01711165469 01715365265
206.	18 ID	Dr. Md. Azizul Haque Assistant Professor Professor Dr. S. M. Harun-Ur-Rashid	Department of Biochemistry and Molecular Biology, Hajee Mohammad Danesh Science and Technology University, Basherhat, Dinajpur	Isolation and characterization of cellulose microfibril swelling enzyme (Cms) and lignocellulose degrading enzyme producing bacterial strains for the rapid conversion of lignocellulose to renewable energy bioethanol.	2.00	01761106098 01716837362
207.	19 ID	Dr. Noor Muhammad Associate Professor Fatema Tu Zohra Binte Zaman Assistant Professor	Department of Psychology, Jagannath University, Dhaka	Assessment of Mental Health Status among Undergraduate Students of Private and Public Universities in Bangladesh	3.00	01717228783 01817562999
208.	25 ID	Professor Dr. KHM Nazmul Hussain Nazir Dr. Mohammad Ferdousur Rahman Khan Associate Professor	Department of Microbiology and Hygiene, Bangladesh Agricultural University (BAU), Mymensingh	Isolation, molecular characterization and antibiogram of shigatoxigenic (STEC) <i>Escherichia coli</i> from diarrheic calves, children and water	1.50	01712620151 01717785674
209.	27 ID	Niaz Md. Farhat Rahman Senior Scientific Officer Md. Abdullah Al Mamun Scientific Officer	Agricultural Statistics Division, Bangladesh Rice Research Institute (BRRI), Gazipur	AMMI model, GGE biplot and Stability analysis for yield performance of rice genotypes across different environments in Bangladesh	2.00	01912700606 01738729783
210.	28 ID	Rukhsana Siddiqua Assistant Professor Mr. Md. Abdul Kader Assistant Professor	Department of Criminology and Police Science, Mawlana Bhashani Science and Technology University, Santosh, Tangail	The Impact of Bio-metric SIM Registration on Crime Prevention in Bangladesh: An Experimental Study	1.50	01728078878 01912092544
211.	31 ID	Professor Dr. Quamrul Hasan Director & Chief Scientific Officer Dr. Ataur Rahman Deputy Chief Scientific Officer Ms. Shahnaj Begum Executive Director	Society for Social Concern (SSC). House # 85, Road # 8, Block # C, Niketon, Gulshan, Dhaka	Studies on improving environmental and economic performance of organic vegetable production systems in Bangladesh.	1.50	01987844560 01627689930



212.	34 ID	Professor Dr. Mohammad Saiful Islam Professor Dr. Rokeya Begum	Department of Genetics and Plant Breeding, Sher-e-Bangla Agricultural University (SAU), Sher-e-Bangla Nagar, Dhaka	Evaluation of elite maize hybrids based on morphophysiological and biochemical markers for food security	3.00	01742843195 01710824492
213.	37 ID	Professor Dr. Muhammad Tofazzal Hossain Dr. Muhammad Tofazzal Hossain Professor Dr. Md. Tanvir Rahman	Department of Microbiology and Hygiene, Bangladesh Agricultural University (BAU), Mymensingh	Prevalence of human pathogenic <i>Vibrio</i> species ( <i>Vibrio cholerae</i> , <i>V. parahaemolyticus</i> and <i>V. vulnificus</i> ) in the coastal regions of Bangladesh with their specific detection by multiplex PCR	1.50	01711367313 01913323307

## Physical Sciences (Phy's) Group

SL. No.	Gr. SL.	Name of the Principal Investigator & Associate Investigator	Address of the Principle Investigator	Name of the Project Title	Recommended Grant Amount	Telephone/ Mobile No of PI & CO-PI
214.	2 Phy's	Dr. A.K.M. Fazle Kibria Chief Scientific Officer A.K.M. Atique Ullah Scientific Officer	Nuclear Safety, Security and Safeguards Division (NSSSD), Bangladesh Atomic Energy Commission (BAEC), Paramanu Bhaban, E-12/A, Agargaon, Sher-e-Bangla Nagar, Dhaka.	Uranium Speciation in the Plausible Precursors of Sherpur, Sunamganj and Moulvibazar Districts for Establishing a Dedicated Economical Database.	2.00	01798534852
215.	4 Phy's	Dr. Samarendra Karmakar Board Member Dr. Dewan Abdul Quadir Vice-Chairman	National Oceanographic and Maritime Institute (NOAMI), 10/8, 9 <sup>th</sup> Floor, Eastern Plaza, Sonargaon Road, Hatirpool, Dhaka	"Use of WRF Model in the Prediction of Flash Flood Producing Thunderstorms Over Northeastern Bangladesh and Their Vulnerability"	2.00	01736672043 01717265102
216.	7 Phy's	Professor Dr. Md. Manzurul Karim Professor Dr. Md. Arzu Miah	Department of Chemistry, Jahangirnagar University, Savar, Dhaka	Oxidative Cleavage and reactivity of thiolate and Oxazolate Complexes Derived from Group VI, VII and VIII Metal Carbonyls	5.00	01988273743
217.	14 Phy's	Dr. Md. Anwar Hossain Associate Professor Ali Newaz Bahar Assistant Professor	Department of Physics, Mawlana Bhashani Science and Technology University (MBSTU), Santosh, Tangail	Thermoelectric Performance of $Cr_{1-x}M_xSi_{2-y}Sn_y$ (M=Ti, Zr, Hf): A First Principle Study	2.00	01718407647 01717531461
218.	16 Phy's	Professor Dr. Mohd. Roushoun Ali Dr. Md. Tariqul Hasan Associate Professor	Department of Chemistry, University of Rajshahi, Rajshahi	Synthesis of Well-controlled Star-shaped Polymers and Investigation of Their Properties and Applications	4.00	01711739370 01710221454
219.	24 Phy's	Professor Dr. Ishtiaque M. Syed Kazi Haniun Maria Associate Professor	Department of Physics, Dhaka University, Dhaka.	Ultrasonic Spray Pyrolysis Deposition Technique for Construction and Characterization of Solar Cells.	8.00	017262618885 01711987595

220.	35 Phy's	Dr. Md. Shafiul Azam Assistant Professor Professor Dr. Md. Nazrul Islam	Department of Chemistry, Bangladesh University of Engineering and Technology (BUET), Dhaka	Fabrication of graphene crosslinked biopolymer for biodegradable food packaging	5.00	01533495622 01715784778
221.	37 Phy's	Dr. Md. Amamul Hoque Associate Professor Dr. Shahed Rana Assistant Professor	Department of Chemistry, Jahangirnagar University, Savar, Dhaka	Complexation behavior of antibiotic drug molecules with surfactants in aqueous medium and in various aqua-organic media: A thermodynamic study.	5.00	01911054897 01720500701
222.	39 Phy's	Dr. Shishir Ghosh Assistant Professor Professor Dr. Shariff Enamul Kabir	Department of Chemistry, Jahangirnagar University, Savar, Dhaka	Mono- and polynuclear iron complexes as catalysts for electrocatalytic hydrogen Evolution	8.00	01716401007 01713464698
223.	42 Phy's	Dr. A. J. Saleh Ahammad Assistant Professor Dr. Mohammad Awlad Hossain Assistant Professor	Department of Chemistry, Jagannath University, Dhaka	Cost-effective electrochemical sensor based on pencil electrode for the determination of environmental pollutants.	5.00	01672218199
224.	57 Phy's	Dr. Muhammad Rakibul Islam Assistant Professor Professor Dr. Md. Forhad Mina	Department of Physics, Bangladesh University of Engineering and Technology (BUET), Dhaka	Synthesis and investigation of transparent conducting oxide thin film for solar energy applications	6.00	01721701097 01727265238
225.	61 Phy's	Dr. Badrun Neher Assistant Professor Mst. Shamima Khanom Lecturer	Department of Physics, Jahangirnagar University, Savar, Dhaka	Fabrication and characterization of Natural fiber reinforced hybrid polymeric composite.	4.00	01715647670 01989124089
226.	67 Phy's 92 BS	Dr. Mohammad Ismail Hossain Associate Professor Dr. Mohammad Seraj Uddin Associate Professor	Department of Chemistry, University of Chittagong, Chittagong	Study of Cation-Anion Interactions of Ionic Liquids on their Toxicities for clean and environmentally benign technologies	3.00	01716-392446 01795-662264
227.	69 Phy's 425 BS	Professor Dr. Farid Ahmed Md. Mahbubur Rahman Bhuiyan Lecturer	Department of Physics, Jahangirnagar University, Savar, Dhaka	Synthesis and Characterization of Li- Ni Ferrites with Cu & Zn Additives Prepared by Non-conventional Microwave Sintering Method	5.00	01817014222 01813129993