

List of the Complete Projects (2010-2011 to 2019-2020)

ক্রমিক	মূখ্য গবেষকের নাম	গবেষণা প্রকল্পের শিরোনাম	বরাদ্দের বিভাজন	মোট বরাদ্দ
2010-11				
1	Dr. Md. Golam sarwar Associate Professor Fisheries & Marine Resource Technology Discipline Khulna University 01731443838 sarower@yahoo.com	(16) Antioxidants from Low Priced Fish : Screening and Evaluation (Life Science)	2 Years	11.60
2	Dr. Abu Sayed Md. Latiful Hoque Dept. of CSE Bangladesh University of Engineering (BUET), 01556346357 asmlatifulhoque@cse.buet.ac.bd	(59) Online Learning and Evaluation System for Database Design, Tuning and programming in SQL in a Client-Server Environment (Physical Science).	1Year	6.8
3	Prof. Dr. Mahmud Hasan Dept. of Fisheries University of 01715509796 mahmud_66@yahoo.com	(87) Use of Anesthetics in the live land Transport of Rohu, Silver Carp and Catla Fingerlings (Life Science).	1Year	15.8
4	Prof. Dr. Md. Ibrahim H. Mondal Dept of Applied Chemistry & Chemical Technology University of Rajshahi 01914254992 mihmondal@yahoo.com	(56) Synthesis and characterization of low cost carboxymethyl cellulose (CMC) dervivatives of different grades from knitted rag for textiles and other uses (Physical Science).	1Year	3.9
2011-12				
5	Prof. Dr. Md. Shahidur Rashid Bhuyan Dept. of Genitic & Plant Breeding Ser-E- Bangla Agriculture University, Dhaka 01552467945 ipbsc2009@gmail.com	(79) Generation of doubled haploid boro rice genotypes from intervarietal crosses through androgenesis to select materials for better adaptation to climate change (Life Science).	3 Years	11.4
6	Prof. Dr. Mohammad Ali Azadi Dept. of Zoology Univesity of Chittagong 01715071131 maazadi@yahoo.com	(50) Studies on the Limnology, Hydrology, Fish and Fisheries of the River Halda and it's four linked Rivers (Sangu, Chandkhali, Sikalbaha Channel and Karnaphuli (Life Science).	3 Years	12.4
7	Prof. Dr. Md. Anower Hossain Dept. of Microbiology	(6) Pollution of Antibiotics and Resistant Bacteria: Prospective	3 Years	22.4

	University of Dhaka 01715363753 anwar5533@yahoo.com hossaina@du.ac.bd	Studies on Spreading of Antibiotics Resistance, Food Hygiene and Aquaculture in Bangladesh (Life Science)		
8	Prof Dr. Md. Abu Hadi Noor Ali Khan Dept. of Pharmacy Bangladesh Agriculture University, Maymensingh 01743914632 hadikhan68@yahoo.co.uk	(26) Application of molecular techniques for the rapid detection of animal diseases communicable to human being targeting Visceral leishmaniasis, malaria, Human & bovine Tuberculosis, Johns disease and Brucellosis (Life Science)	3 Years	13.9
9	Prof. Dr. Sachhidananda Das Chowdhury Dept. of Poiltry Science Bangladesh Agriculture University, Maymensingh 01712541494 drsdchow@gmail.com	(25) Development of Indigenious (DESI) Chicken of Bangladesh as a meat type BIRD through improved Nutrition and Management (Life Science)	3 Years	10.4
10	Prof. Dr. Hasina Khan Dept. of Molicular Biology and –Chemistry University of Dhaka 01711612344 haseena@du.ac.bd	(44) Development of Salt tolerant jute by introducing kat E gene (Life Science).	3 Years	22.4
11	Prof. Dr. Samir Kumer sadhu Dept. Pharmacy Discipline Khulna University 01712984884 sksadhu1969@yahoo.com	(47) Exploring the Bioactivity of Medicinal Plants of the Sunderbans (Life Science)..	3 Years	17.4
12	Prof. Dr. SM Imamul Houue Dept. of Social, Water & Envirounment University of Dhaka 01819227377 imamhuq@hotmail.com	(31) Remedial possibilities of soil arsenic affected by arsenic contaminated ground water irrigation through organic amendmets and water management (life science).	3 Years	17.4
13	Prof. Dr. Md. Mozammel Hoque Dept. of Microbiology University of Dhaka 01717083673 mhoq@du.ac.bd	(41) Gene Cloning for Increasing Production of “Keratinase” and “Alkaline Protease” from Bacillus licheniformis for Biotechnological Application in Leather Industries of Bangladesh (Life Science)	3 Years	22.4
14	Dr. SM Bazlur Rahman Associate Professor Fisheries & Marine Resource Tachnology Disciplene University of Khulna 01914325048 riti_rahman@yahoo.com	(18) Seasonal and tidal effects on nutrient concentration and its relationship with the hydrodynamic environment in major river systems of Sundarban (Life Science)	3 Years	11.4
15	Prof. Dr. A M Safiqul Alam	(33) Study of Arsenic, other trace	3 Years	12.4

	Dept of Chemistry University of Dhaka 01552479462 amsalam2010@gmail.com	elements and anions in the silts and borehole sediments of the Meghna-Jumuna delta (Physical Science).		
16	Prof. Dr. Md. Yeasin Ali Agro-Technology Discipline University of Khulna 01914066291 drmdyasinali@gmail.com	(8) Conservation and Utilization of Rice Diversity through participatory variety selection for increasing productivity and improving the livelihood of resource poor farmers in southwest coastal areas of Bangladesh (Life Science)	3 Years	16.4
17	Prof. Dr. Khandaker Anisul Hoq Fisheries & Marine Resource Technology Discipline University of Khulna 01914325047 huqka@yahoo.com	(19) Mono-sex culture of Macrobrachium rosenbergil and its impact on the economy of Bangladesh (Life Science)	3 Years	12.4
18	Prof. Dr. Md. Monirul Islam Agro-Technology Discipline University of Khulna 01741745787 monirat_ku@yahoo.com	(9) Introduction of Kenaf (Hibiscus Cannabinus L.) As a new crop in the coastal saline soils of Khulna District and Exploring its potentiality for pulp and oil production (Life Science)	3 Years	18.4
19	Prof. Khandoker Siddiq-E-Rabbini Dept. of Bio-Medical Physics & Technology University of Dhaka 01817022834 rabbani@du.ac.bd	(40) Establishing Medical Applications of Focused Impedance Measurement (FIM)- a Bangladeshi innovation in Medical Physics (Physical Science).	3 Years	24.4
20	Dr. Gausiatur Reza Banu Associate Professor Fisheries & Marine technology Discipline University of Khulna 01914067598 kugrb@yahoo.com	(20) Polymerase Chain Reaction (PCR), a genome based diagnostic assay and immunohistopathology of White Spot Syndrome Virus (WSSV) - strong weapon for the sustainable shrimp production in Bangladesh (Life Science)	3 Years	14.4
21	Prof. Soma Chowdhury Biswas Dept. of Statistics Chittagong University 01716991600 Soma.c.biswas@gmail.com	(52) Survival modeling and its applications to Data Emerging from Medical and other life sciences. (Life Science).	3 Years	7.9
22	Prof. Dr. Zakaria Mian Dept. of Microbiology & Biotechnology Jagannath University 01715084378	(80) Streptococcus pneumoniae, a Pathogen of Childhood Pneumonia: Its Serotyping and Antimicrobial Resistance (Life Science).	3 Years	12.4

	mmzakaria@yahoo.com			
23	Dr. Md. Masud Iqbal Dept. of Nephrology National Institute of Kidney Disease & Eurology 01711952011 masud_1232001@yahoo.com	Trace Element Level in Biological Sample of Healthy Subjects and Patients with Chronic Kidney Disease (Life Science).	2 Years	26.6
24	Dr. Rabinhdra Nath Mondal Dept. of Mathematics Khulna University 01710851580 rnmondal71@yahoo.com	Flow Investigation through a Curved Duct with Various Cross- sections (Mathematical Science).	2 Years	5.6
2012-13				
25	Prof. Dr. Abu Tayeb Ahmed Dept. of Zoology Dhaka University □□□□□□ 01711248153 abu_tweb@yahoo.com	Studies on the Fisheries Potentials in Hilly areas of Bangladesh (life science).	3 Years	30.4
26	Prof. Dr. MA Basar Dept. of Zoology Dhaka University 01817521530 m.abulbashar@gmail.com	(05) Butterfly Colonization, Farming and Ecotourism Industry (Life Science).	3 Years	30.4
27	Prof. Dr. Kazi Ali Azam Dept. of Chemistry Jahangirnagar University 01819191728 kazi.ali.azam@gmail.com	(23) Synthesis and Characterization of Mixed-Metal clusters for Nonsocial Electronic Devices and Catalysts (Physical Science).	3 Years	27.4
28	Prof. Dr. Md. Mojibur Rahman Dept. of Microbiology Stamford University 01552459425 majibrahman@gmail.com	(75) Molecular characterization of the pathogens associated with export quality frozen shrimp to determine antibiotic resistant genes and virulent properties (Life Science).	1 Year	12.8
29	Prof. Dr. Md. Abdur Rashid Dept. of Pharmacy Dhaka University 01711947741 rashidma@du.ac.bd	(03) Bioactive principles from some medicinal plants of Bangladesh (Life Science).	1 Year	8.8
30	Prof. Dr. Khandaker Moazzem Hossain Dept. of Biotechnology & Genetic Eng. Khulna University 01711381803 kmhossainbt@yahoo.com.au	(15) Development of Probiotic Products for Human and Poultry (Life Science).	1 Year	10.8
31	Dr. Mohammad Mostafa Fisheries & Marin Tech. Discipline	(17) Feasibility of Nematode (Panagrellus sp.) culture in Bangladesh and its suitability as	1 Year	10.8

	Khulna University 01726036881 mostafaku@yahoo.com	live feed for larval rearing of gaint prawn, Macrobrachium rosenbergii. (Life Science).		
32	Dr. Sabita Rezwana Rahman Associate Professor Dept. of Micro Biology Dhaka University 01552638020 sabita_rahman@hotmail.com	(37) Rapid genotyping of MRSA isolates using oligonucleotide arrays and Multiplex PCR (Life Science).	1 Year	15.8
33	Dr. Bishanath Sikder Associate Professor Dept. of Genetic Eng. & Biotechnology Rajshahi University 01914254289 sikder2014@gmail.com	(55) Effectiveness of Different Classes on Molecular Marker for Classifying and Revealing variation in some Available Growing Cucurbitaceae Vegetable in Bangladesh and their application to improve the Quality of Cultivars (Life Science).	3 Years	22.4
34	Prof. Dr. Md. Mofiz Uddin Ahmed Brac University 01715024710	(86) Development of Glow Discharge Plasma Facilities for Fusion Space, Science and Industrial Applications (Physical Science).	3 Years	12.4
35	Prof. Dr. Mahmuda Yesmin Dept. of Microbiology Dhaka University 015523382613 yasmin@du.ac.bd	(36) Evaluation of molecular based methods in diagnosis of Mycobacterium tuberculosis in suspected tuberculosis patients (Life Science).	3 Years	22.4
36	Prof. Dr. Mohammad Atikur Rahman Faculty of Biological Science Chittagong University 01716312729 atiquerahman125@hotmail.com	(51) Inventory of Threatened Vascular Plants of Bangladesh for Conservation and Production of a Red Data Book (Life Science) (Physical Science).	3 Years	12.4
37	Pro. Dr. Rashida Begum Associate Professor Material & Child Health Dept. National Institute of Preventive and Social Medicine (NIPSOM) Mohakhali, Dhaka-1212 01819411120 Brashida65@yahoo.com	(97) Effectiveness of an intervention program on risk pregnancy among reproductive aged group of couples in rural community to Achieve Millennium Development (Goals-5)	1Year	5.8

38	Dr. Md. Nazmul Ahsan, FMRT, Khulna University. 01712248038 01919248038 Nazmul_ku@yahoo.com	(52) Production performance of over-wintered freshwater giant prawn (<i>Macrobrachium rosenbergii</i>) in polyculture with common carp (<i>Cyprinus carpio</i>) for an early crop.	1Year	5.8
2013- 14				
39	Prof. Dr.Tapashi Ghosh Roy Department of Chemistry University of Chittagong Chittagong 4331 01817720252 Tapashir57@gmail.com	(24) Synthesis, Characterisation and Biological Activities of Some new Macrocyclic Ligands and their Metal Complexes.	2Years	19.42
40	Dr. Md. Ekramul Hoque Assistant Professor, Department of Biotechnology, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207. 01712836595 ekramul.sau@gmail.com	(26) Morpho-molecular characterization, in vitro regeneration, quality plantlet production in Ginger (<i>Zingiber officinale</i> Rosc.) (Revised)	2 Years	11.6
41	Dr. Firoj Ahmed Department of Pharmacy, Jagannath University (Present:Dhaka University) 01711972965 firoj72@yahoo.com	(29) Search for Bioactive Natural Products with antibacterial activity from Medicinal Plants of Bangladesh.	2 Years	11.6
42	Prof. Dr. Jahan Ara Khanam Professor, Department of Biochemistry and Molecular Biology,	(32) Development of Anticancer Drug-Design Laboratory in Advanced in a View to Formulate/Evaluate Novel Anticancer	2 Years	11.6

	University of Rajshahi, 01914254928 jakbiochem@gmail.com	Drugs.		
43	Professor Dr. Sarder Safiqul Islam, Agrotechnology Discipline, Khulna University, Khulna 01712546305 01816550610 sardersistam@yahoo.com	(38) Utilization of Shrimp Waste in the Ration to Optimize growth and Egg Production Performance of Layer Chickens.	2Years	26.02
44	Molla Mohammad Shafiqur Rahman Environmental Sciences Discipline Khulna University 01914067505, 01714082964 Mmsr68@yahoo.com	Microbial and Physico-chemical Characterization of Supply Water for the Sustainable Development of Water Supply and Sanitation in Khulna City. (Physical Science).	1Year	10.8
45	Abu Ibrahim Mohd. Nurul Huda Associate Professor Dept. of Sociology Eden Mohila College Dhaka 01718884493 aibrahim1964@yahoo.com	The Impact of Cultural Diffusion and Globalization: Basic Study on Garo Ethnic Community of Bangladesh.	1 Year	5.8
46	Dr. Md. Nazmul Ahsan Fisheries and Marine Resource Technology (FMRT) Discipline, Khulna University, Khulna 9208 01712248038, 01919248038 nazmul_ku@yahoo.com	Mainstreaming of eccentric aquatic production system as a climate adaptive alternative livelihood strategy for the coastal community	1Year	8.8
47	Dr. Md. Jahangir Alam Associate Professor Department of Agronomy & Agricultural Extension Faculty of Agriculture University of Rajshahi 01716587448 Jahangir9392004@yahoo.com	Crystal Structures and Growth Mechanisms of Nanoparticles Prepared by Polyol Method with Different Couples of Metal	1 Year	8.3
48	Dr. Mohammad Humayun Kabir Department of Horticulture Sher-e-Bangla Agricultural University (SAU) Sher-e-Bangla Nagar Dhaka-1207 01552409822 kabirsau@yahoo.com	Approaches of optimizing the production and quality of tomato in the adverse climatic condition of summer season	1Year	5.8
49	Dr. Md. Aftab Ali	(57) Reactions of First	2 Years	18.6

	Sheikh , Department of Chemistry, Dhaka University. 01725375552 aftabshaikh@du.ac.bd	Row Transition Metal Ions with Proton Pump Inhibitors'		
2014-15				
50	Dr. Saroj Kanti Singh Hazari, Porfesor, BGS Trust University of Bangladesh, Kanchannagar Chandanaish, Chittagong, 01713124384 sarojhazari@gmail.com	(10) Synthesis Characterization and Antimicrobial activites of some new ligands and their metal complexes	3 Years	12.4
51	Abul Faiz Md. Jamal Uddin Department of Horticulture Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, 01731840979 Jamal4@yahoo.com	(12) Phytophthora in Bangladesh: Classification of phytophthora Species based on ribosomal DNA Sequence	3 Years	35.33
52	Prof. Dr.Md. Ahsan Bin Habib, Department of Aquaculture Faculty of Fisheries Bangladesh Agricultural University, Mymensingh , 01711373207 ahasanmphd@yahoo.com	(21) Culture and production of house fly larvae and spirulina using poultry waste, and their use as food for catfish post-larvae	3 Years	37.04
53	Prof. Dr. M. Burhan Uddin. Department of Food Technology and Rural Industries Bangladesh Agricultural University,	(40) Economic extraction and utilization of pectin from under utilized fruits and industrial by-products.	3 Years	32.4

	Mymensingh 01711110509 burhan992003@yahoo.com			
54	Prof. Dr.Mohammad Musharraf Uddin Bhuiyan Department of Surgery and Obstetrics Faculty of Veterinary Science Bangladesh Agricultural University, Mymensingh 01715020254 mmubhuiyan@gmail.com	(48) Optimization of in vitro maturation and fertilization of oocytes in the bovine in Bangladesh.	3 Years	27.4
55	Dr. Md. Salah Uddin Lecturer, Department of Genetic Engineering and Biotechnology University of Rajshahi 01714365696 salimench@yahoo.com	(69) Treatment of Rajshahi Silk Industrial Wastewater Using Innovating Microbiological Method. (Development and validation of standard protocols for control of Industrial using Innovating Microbiological Method- Title Suggested by Rating Expert)	3 Years	22.4
56	Prof. Dr.Md. Ashraful Alam, Urban and Rural Planning Discipline , Khulna University, Khulna. 01914066257 Maalamku09@gmail.com	(84) Management of Climate Change with GIS Application to Ensure Food Security in Coastal Areas of Bangladesh.	3 Years	22.4
57	Dr. Md. Giashuddin Miah, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur-1706	(15) Study on Climate variability and its impact on major food crops in Bangladesh.	3 Years	22.4

	01715401443,01816779614 giash1960@gmail.com			
58	Dr. Prof. Md. Manzurul Karim Department of Chemistry Jahangirnagar University, Savar, Dhaka-1342. 01552449842 Mkarim_ju@yahoo.com	(50) Studies on the reactions of cyclopentadienylmolybdenumtricarbonyl with different mercaptanes to form new molybdenum metal clusters.	3 Years	27.4
59	Dr. Ali Azam Talukder Associate Professor Dept. of Microbiology Jahangirnagar University, Savar Dhaka-1342. 01715823155 tunubj@yahoo.com	(111) Production of bioethanol by thermotolerant microbes.	3 Years	35.4
60	Prof. Dr. A.K.M Zakir Hossain Professor, Department of Crop Botany, Bangladesh Agricultural University, Mymensingh-2202 01713113559 zakir@bau.edu.bd	(101) Biological Nitrification Inhibition-A novel genetic strategy can increase nitrogen use efficiency and combat N ₂ O emissions in cereal production System.	3 Years	27.4
61	Pro. Dr. Md. Sarwar Jahan Professor, Agrotechnology Discipline, Khulna University, Khulna-9208 01712813106 mjahan70@yahoo.com	(37) Exploration of the Diversity in the Boro rice cultivars from the Sundarbans and adjacent areas and determination of the variability in the tolerance of sodium chloride salinity within the varieties.	3 Years	22.4
62	Prof. Dr. Tuhin Suvra Roy, Dept of Agronomy , Shere Bangla Agricultural	(47) Potential and prospect of true potato seed (TPS) Technology for	3 Years	22.4

	University, Dhaka-1207. 01710515090 Tuhinsuvra2002@yahoo.com	sustaining food security in Bangladesh.		
63	DR. MD. Mujibor Rahman Associate Professor Environmental Science Discipline, Khulna University Khulna-9208 01676109008, 01712218847 mujibku@gmail.com	(13) Disaster Risk Analysis Using GIS and Remote Sensing Techniques in South West Coastal Bangladesh	3 Years	12.4
64	Dr. Prof. Shariff Enamul Kabir Ex-Vice-Chancellor Jahangirnagar University Savar, Dhaka-1342 Bangladesh. 01713464698 Skabir_ju@yahoo.com	(51) Synthesis and Characterization of Polynuclear Transition Metal Cluster: Precursor for Supported Heterogeneous Catalysts and Viable Hydrogen Storage Medium.	3 Years	32.4
65	Dr. Mohammad Musharof Hossain Associate Professor Department of Botany University of Chittagong Chittagong-4331, 01712684778 Musharof20bd@yahoo.com	(86) Establishment of cost effective protocols for mass propagation and conservation of indigenous orchids of Bangladesh.	3 Years	17.4
66	Dr. MD. Sherazul Islam Department of Fisheries & Marine Bioscience Jessore Science & Technology University Jessore-7408 01913241344 tuhinkk@yahoo.com	Development of database on the fisheries resources; emphasis on food and feeding habits, breeding biology of the selected indigenous species in the greater Jessore Area	3 Years	17.4
67	Abul Faiz Md. Jamal Uddin Department of Horticulture Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka 01731840979 jamal14@yahoo.com	(12) Phytophthora in Bangladesh: Classification of phytophthora Species based on ribosomal DNA Sequence	3 Years	★, ★★

68	Dr. Gazi Nurun Nahar Sultana Centre for Advanced Research in Sciences, University of Dhaka Dhaka. 01713066848 nngazi@du.ac.bd	Development of DNA Fingerprinting based Patient- Specific Breast Cancer Marker through Alu Sequence. (Life Science) (Revised)	2 Years	26.6
69	Prof.Md.Mizanur Rahman Professor and Head Department of Surgical Oncology National Institute of Cancer Research & Hospital, Mohakhali, Dhaka-1212 01711161199 mizannicrh@gmail.com	Detection of Mutated p53 gene in H.pylori infected Gastric Cancer Patients	2 Years	19.6
70	Md. Qamrul Ehsan Physical Chemistry Department of Chemistry Dhaka University 01552423974 mquehsan@yahoo.com	Simultaneous Electrochemical Detection and Estimation of Dihydroxybenzenes in Ternary Mixtures at a Poly Amino Acid Modified Electrode	2 Years	20.6
71	Prof. Dil Afroza Begum and Dr.M. Ruhul Amin, Chemical Engineering Department, BUET, Dhaka-1000 01556350524 afroza@che.buet.ac.bd	(113) "DEVELOPMENT OF BIO-DEGRADABLE PLASTIC BAGS IN CONTEXT OF BANGLADESH".	3 Years	...
72	Md Abul Hossain Dept of Physics Dept of Physics Jahangirnagar University Savar, Dhaka-1342 01712032925 mdabulh@yahoo.com	Design and Implementation of a 10 KW Grid-connected Solar Water Pumping Station for Bangladesh	2 Years	16.6
73	PS1307 S. M. Abe Kawsar Associate Professor, Department of Chemistry, University of Chittagong 01762717081 akawsarabe@yahoo.com	Rational Design, Synthesis and Structural Elucidation of Nucleoside and Monosaccharide Derivatives: Biological Investigations for Pharmaceutical Uses	1 year	15.3
74	Dr. Prof. Dilip Kumar Datta Environmental Science Discipline Life Science School, Khulna University 01712195839 Azad_ku@yahoo.com	Geochemical vulnerabilities of ground-and surface waters of the south western coastal Bangladesh under stressed geo- climatic conditions(Physical Science)	2 Year	16.6
75	Prof. Dr. Kazi Shah Nawaz Ripon Computer Science and Engineering Discipline Khulna University Khulna-9208 Bangladesh	Development of an Intelligent Information Prediction System for Stock Exchange Using Different Data Mining Techniques	2 Year	10.1

	01720540232 ripon@cseku.ac.bd			
76	Dr.Md. Rostom Ali Department of Farm Power and Machinery Bangladesh Agricultural University Mymensingh-2202 01716311747 Rustom412@yahoo.com	Design and Development of a Four-Point Probe Technique to Detect Nondestructively the Internal Cracks in the Elements of Agricultural Machineries	2 Years	10.6
77	Dr. Muhammad Farhad Howladar Dept. Petroleum and Mining Engineering ShahJalal University of Science and Technology (SUST), Sylhet-3114 01731195918 farhadpme@gmail.com	An Assessment Of The Impacts Of Hardrock Mining On Environments With Their Management Around The Maddhyapara Mining Area, Dinajpur, Bangladesh	2 Years	11.6
2015-2016				
78	Md. Sagir Ahmed Department of Zoology, University of Dhaka Dhaka 1000, Bangladesh. 01552422621 sagir_udhaka@hotmail.com	DNA barcoding of Small Indigenous Fish Species (SIS) from Tanguar and Hakaluki Haor.	2 Years	29.6
79	Md. Shahidul Islam Department of Biotechnology Bangladesh Agricultural University Mymensingh-2202 01738867466 shahidj1@yahoo.com	Genetic variation, population structure and identification of different strains of the small indigenous species, mola (Amblypharyngodon mola, Hamilton 1822) in Bangladesh using PCR-RAPD marker: implic	2 Years	24.6
80	Dr.Munawar Sultana Assistant Professor, Environmental Microbiology, Toxicology. Microbial Genetics, Bioinformatics Department of Microbiology, University of Dhaka, Dhaka-1000, Bangladesh Cell- 01553636825	Microbial Arsenotrophy: A Possible Genetic Control on Arsenic Mobilization	1 Year	15.8

	Email: munamicro@yahoo.com			
81	Dr. MAHMUD HOSSAIN Associate Professor Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka-1000 Cell- 01712659151 Email- mahmudbio1480@du.ac.bd	Effects of heavy metals in brain development	1 Year	16.8
82	Dr. Sultana Ferdousi Associate Professor Department of Physiology, 8th floor, Block B Basic science bhaban Bangabandhu Sheikh Mujib Medical University Shahbag,Dhaka-1000 Cell- 01819707160 Email- sferdousiratna@gmail.com	Effect of slow breathing exercise on cardiac autonomic nerve function in Migraine patients	1 Year	7.3
83	Kazi Saifuddin Department of Psychology Jagannath University Dhaka 1100 01712119309 kazisaifuddin@ymail.com	Audio-Visual Design in Respect to the Subjective Evaluation for a Standard Lecture Room	1 Year	5.8
84	Dr. S.M. Abdur Rahman Department of Clinical Pharmacy and Pharmacology Faculty of Pharmacy, University of Dhaka 01732477343 rahman_du@yahoo.com	Development of novel bridged nucleic acid analogues with cationic functional moiety for application in various genomic technologies	1 Year	13.8
85	Mahmud Hasan Professor Department of Fisheries University of Dhaka Dhaka1000 01715509796 mhasan@du.ac.bd	Off farm Commercial Culture of Fish Live Food Tubificid Worms and Their Genetic Characterization	1 Year	27.8
86	Dr. Muhammad Mizanur	Improvement of tide-surge	1 Year	5.8

	Rahman Associate Professor Department of Mathematics, Shahjalal University of Science and Technology, Sylhet-3114, Cell- 01711903950 Email- mizanmath_sust@yahoo.com	forecasting model including offshore islands along the coastal belt of Bangladesh.		
87	Dr. Md. Yeamin Hossain, Department of Fisheries, Faculty of Agriculture, University of Rajshahi 01751566077 yeamin2222@yahoo.com	Sustainable management of small indigenous fish species (SIS) in the Padma fiver and its implications policy in Bangladesh	1 Year	12.8
88	Sk. Mustafizur Rahman Fisheries and Marine Resource Technology (FMRT) Discipline Khulna University Khulna- 9208 01920282607 mustafizfmrt@yahoo.com	Development of cryopreservation technology for freshwater fish embryos using ultrasound ,For conservation	1 Year	13.3
89	Abul Hasnat Professor Department of Clinical Pharmacy and Pharmacology Faculty of Pharmacy University of Dhaka Dhaka-1000, Cell- 01775165916 Email- ahasnat@du.ac.bd	Pharmacogenetic study of azathioprine induced myelosuppresion	1 Year	15.8
90	Dr. Mahmuda Yasmin Department of the Microbiology University of Dhaka Dhaka-1000 8615583 yasmin962001@yahoo.com	Genotyping of Human Papilomaviruses (HPV): Prevalence , Burden and Vaccine approaches in Bangladesh	3 Years	32.4
91	Prof. Md. Anwar Hossain Department of Microbiology, University of Dhaka, Dhaka- 1000, Bangladesh 01715363753 anwar5533@yahoo.com	Salmonellosis Control Program in Bangladesh: Development of Cost-Effective Pathogen Detection Method and Vaccine Production	3 Years	30.4
92	Dr. Kazi Ahsan Habib Department of Fisheries Sher- e-Bangla Agricultural	Population genetic structure and demographic history of Tenuailosa ilisha in Bangladesh	3 Years	27.4

	University (SAU) Sher-e-Bangla Nagar Dhaka-1207 01713682290 ahsan_sau@yahoo.com	and Indo-West Pacific: implications for conservation and breeding		
93	Dr. Md. Abu Bin Hasan Susan Department of Chemistry University of Dhaka Dhaka 1000, Bangladesh 01552327672, 01819843753 susan@du.ac.bd	Ionic Liquids and Their Binary System as Green Solvents for Sustainable Environment	3 Years	19.4
94	Muhammad Anisuzzaman Talukder Department of Electrical and Electronic Engineering, Bangladesh University of Engineering and Technology (BUET) 01743731065 anis@eee.buet.ac.bd	Plasmonic Photovoltaics for Next Generation Solar Cells	3 Years	17.4
95	A. B. M. Alim al Islam Department of Computer Science and Engineering (CSE), BUET 01817533953 alim_razi@cse.buet.ac.bd razi_bd@yahoo.com	EcoRadar: Devising an Ecological Radar System for Detecting Environmental Pollution in Bangladesh	3 Years	32.4
96	Dr. G. K. M. Mustafizur Rahman Department of Soil Science Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur-1706 01718186642 mustafiz@bsmrau.edu.bd	Pollution Assessment of Industrial Wastes and Management Strategies for Food Security	3 Years	27.4
97	Dr. Md Abu Reza Department of Genetic Engineering and Biotechnology University of Rajshahi Rajshahi-6205 Bangladesh 01717728189 rezaru@gmail.com	Biochemical and molecular characterization of the tea cultivars of Bangladesh to validate the authentic quality of tea in world market	3 Years	28.9
98	Md. Ibrahim H. Mondal, Dept. of Applied Chemistry & Chemical Engineering, University of Rajshahi	Modification of Jute Fibre with Synthesized Fibre-Reactive Chitosan Derivatives for Improved Eco-friendly Jute Products. (Physical	3 Years	27.4

		Science)		
99	Dr. Md. Monirul Islam Professor Agro technology discipline Khulna University Khulna-9208 Bangladesh 01741745787 moniratku@yahoo.com	Optimization of the Conditions for Mass In vitro Clonal Propagation of Gerbera (Gerbera jamesonii)	3 Years	22.4
100	Md. Yasin Ali Professor Agrotechnology Discipline Khulna University Khulna-9208 Bangladesh 041-720171-3/211 drmdyasinali@gmail.com	SALINITY TOLERANCE MEASUREMENT OF INDIGENOUS RICE GERMPLASMS OF SOUTH WEST SALINE AREAS OF BANGLADESH	3 Years	15.54
101	Dr. Prof sanjoy Kumar Adhikary Professor Agrotechnology discipline Khulna University Khulna-9208 041-720171-3/2124 skadhikary_bd@yahoo.com	Variability and segregation pattern in Bipolaris sorokiniana (Sacc.) Shoem.	3 Years	27.4
102	Professor Dr. Khandaker Anisul Huq Fisheries and Marine Resource Technology Discipline, Khulna University Khulna-9208 Bangladesh 01914325047 huqka@yahoo.com	Effect of Probiotics on production performance, bacterial quality, immune competence and enzyme activity of Freshwater Prawn (Macrobrachium rosenbergii)	3 Years	22.4
103	SALMA BEGUM Environmental Science Discipline, Khulna University Khulna-9208 Bangladesh. 01741577354 samee2005@gmail.com	Morphological and assemblage patterns of gastropod within environmental and habitat variation of South-western Bangladesh	3 Years	24.4
104	Ms. Selina Akter Department of Microbiology Jessore Science and Technology University Jessore 01740927373 selinamicrobiol@yahoo.com	Impact of climate change on water safety and prevalence of water-borne Escherichia coli and Vibrio spp. associated diseases in South-Western coastal communities of Bangladesh.	3 Years	22.4
105	Dr. Md. Enamul Kabir Professor Agrotechnology Discipline Khulna University Khulna-9208 Bangladesh 01772423444 ekabir73@yahoo.com	Addressing low cropping intensity by fitting crops in rice-based cropping pattern in south-western Bangladesh	3 Years	20.4
106	Dr. Ghausiatur Reza Banu Associate Professor Fisheries	Screening the antiviral activity of some medicinal plants	3 Years	12.4

	and Marine Resource Technology (FMRT) Discipline, Khulna University, Khulna-9208 01914067598 kugrb@yahoo.com	against White Spot Syndrome Virus (WSSV) as potential way for the sustainable shrimp production in Bangladesh		
107	Dr. Md. Mokbul Hossain Department of Pathology Faculty of Veterinary Science Bangladesh Agricultural University (BAU) Mymensingh & Dr. Md. Ershaduzzaman Bangladesh Livestock Research Institute (BLRI) 091 61962 mmhossain04@yahoo.com	Blackleg and hemorrhagic septicemia in cattle of climatic change delta region (Satkhira) with that in cattle of semichangeable endemic region (Sirajganj) with their control measures	3 Years	17.4
108	Dr. Md. Shaheed Reza Associate Professor Department of Fisheries Technology Faculty of Fisheries, BAU, Mymensingh 01913719233 rezams@gmail.com	PCR-based method to detect pathogenic microorganisms in exportable shrimp and fish products of Bangladesh	3 Years	18.4
109	Prof. Dr. Ismail Hossain Dept. of Plant Pathology BAU, Mymensingh. 01711423009 dhossain69@gmail.com	Studies on leaf blight (Bipolaris sorokiniana) disease of Wheat and development of sustainable environment friendly technology for production of wheat. (Life Science)	3 Years	12.4
110	Prof. Mostafa Ali Reza Hossain, Department of Fisheries Biology and Genetics, Faculty of Fisheries, Bangladesh Agricultural University, Mymensingh 01711045364 marhossain@yahoo.com	Conservation of endangered fishes in the Brahmaputra Basin: in-situ and ex-situ approach. (Life Science)	3 Years	12.4
111	Dr. Gias Uddin Ahmed Professor Dept. of Aquaculture Bangladesh Agricultural University, Mymensingh-2202 01712564528 giasa50@gmail.com	Investigation on health issues of some endangered freshwater fishes of Bangladesh (Life Science)	3 Years	17.4
112	Prof. Dr. Md. Abdul Baset	Milk urea nitrogen as a tool to	3 Years	28.9

	Department of Livestock Production And Management Sylhet Agricultural University, Sylhet 01552342779 mabaset1968@gmail.com	determine optimum feeding levels for maximum milk production in dairy cows		
113	Prof. Muhammad Younus Dept. of Chemistry Shahjalal University of Science and Technology, Sylhet 3114 0821 713491/Ext-260 myounus_che@yahoo.com	Synthesis and Application of Nanomaterials (Physical Science)	3 Years	12.4
2016- 2017				
114	Dr. M. A. BASHAR Department of Zoology University of Dhaka Dhaka-1000 01817521530 m.abulbashar@gmail.com	Butterfly census and their eco-ethological aspects in three forests of Bangladesh	3 Years	32.4
115	Prof. M. Anwar Hossain, Ph.D Department of Biochemistry and Molecular Biology University of Dhaka 01715333527 mahossain.49@du.ac.bd	Investigating the potential of Clustered regularly interspersed short palindromic repeats (CRISPR) pathway to limit the spread of antibiotic resistance genes among pathogenic bacterial species (Revised)	3 Years	28.20
116	Dr. Mohammed Mahmudur Rahman Assistant Prof Department of Chemistry Jagannath University, Dhaka. 01819166519 mm_rahman1978@yahoo.co.uk	Selective Catalytic Degradation of Waste plastics to gasoline & diesel fuel	3 Years	10.4
117	Mohammad Osman Gani	Identification of policy	3 Years	12.4

	Department of Economics, School of Business, Independent University, Bangladesh, 18 Aftab Road, Block B Basundhara, Dhaka-1229 . 01912404929 52ganiosman@gmail.com	options for universal access to food, education, health and housing		
118	Dr. Md. Abdur Rashid Professor & Chairman Dept. of Pharmaceutical Chemistry Faculty of Pharmacy University of Dhaka 01711947741 rashidma@du.ac.bd	Chemical and Biological Investigations of <i>Corypha taliera</i> Roxb, the only living species, and its propagation and plantation	3 Years	31.65
119	Dr. Md. Anamul Hoque Department of Soil Science, Bangladesh Agricultural University, Mymensingh- 2202 01741390715 anamul71@yahoo.com	Improving crop productivity and livelihoods in the south- west coastal areas of Bangladesh through modern production technologies and soil management practices	3 Years	32.40
120	Dr. Mohammad Mahir Uddin Associate Professor Department of Entomology Bangladesh Agricultural University Mymensingh- 2202 01741629072 mahirbau@yahoo.com	Development of Integrated Mosquito Management Strategy for Mymensingh District	3 Years	14.40
121	Dr. Md. Azizur Rahman Department of Horticulture Bangladesh Agricultural University Mymensingh 01711058453	Process development for the production of encapsulated fruits and vegetable powders for primary and secondary	3 Years	25.40

	rahman_md_a@yahoo.com	food formulation		
122	Prof. Dr. Md. Taj Uddin Department of Agricultural Economics Bangladesh Agricultural University Mymensingh-2202, Bangladesh tajbau@yahoo.com	Enhancing Livelihood of Farming Community Through Adoption of Conservation Agriculture: A Socioeconomic Stud	3 Years	22.40
123	Prof. Dr M. Atiqur Rahman Department of Botany Faculty of Biological Science University of Chittagong Chittagong 4331. 01716312729 atiquerahman125@hotmail .com	Inventory of the environmentally threatened medicinal plants of Bangladesh for their conservation and sustainable management	3 Years	19.40
124	Dr. Md. Mufazzal Hossain Professor Department of Chemistry Dhaka University Dhaka-1000, Bangladesh Cell- 01817675017 E mail- mufazzal @du.ac.bd	Treatment of artificial wastewater containing textile dyes by solid supported films of ZnO nanoparticles	2Years	19.60
125	Dr. Md. Razzab Ali Professor Sher-e-Bangla Agricultural University Sher-e-Bangla Nagar, Dhaka-1207 Bangladesh Cell- 01912147293, E mail- razzab1968@yahoo.com	Commercial mass-rearing and on-farm validation of bio-control agents and insect sex pheromone traps for eco-friendly sustainable production of brinjal and cucurbitaceous vegetables	2Years	23.60
126	Dr. Md. Shakhawat Hossain Firoz Associate Professor Department of Chemistry Bangladesh University of Engineering and Technology (BUET), Dhaka 1000, Cell- 01730713767E mail- shfiroz@chem.buet.ac.bd	Preparation of nanocrystalline cellulose and functionally modified nanocellulose for the study of control drug delivery	2Years	18.60
127	Dr.Nazma Shaheen Professor Institute of Nutrition and Food	Nutrient compositional profile of selected key foods of Bangladesh for the enrichment	2Years	30.10

	Science (INFS), University of Dhaka Cell- 01747799562 Email- nzmshaheen58@gmail.com	of FCTB.		
128	Dr. Mubarak Ahmad Khan Professor & Director General Institute of Radiation and Polymer Technology(IRPT), Savar, Dhaka. Cell- 01819252292 Email- makhan.inst@gmail.com	Preparation of Biodegradable Packaging Materials with Radiation Induced Natural Polymers	2Years	27.30
129	HASAN AL SHAFIE Associate Professor DEPARTMENT OF ANTHROPOLOGY UNIVERSITY OF DHAKA DHAKA-1000 Cell- 01719012345 Email- hasan.shafie@yahoo.com	THE MAKING AND MEANING OF EDUCATIONAL STREAMS IN CHANGING POLITICO-ECONOMIC AND RELIGIOUS CONTEXTS IN BANGLADESH.	2Years	24.86
130	Dr. Md. Jahangir Alam Associate Professor Dept. of Animal Production & Management Faculty of Animal Science & Veterinary Medicine Sher-e-Bangla Agricultural University (SAU) Sher-e-Bangla Nagar Dhaka-Cell- 01712618555 Email- jangalam@yahoo.com	Preparation of probiotics for replacement of harmful growth promoters in chicken production to avoid the human health hazard in Bangladesh	2Years	21.60
131	Prof.Dr. Rabindra Nath Mondal Dept of Mathematics Jagannath University Dhaka 01710851580 rnmondal71@yahoo.com	Flow Investigation with Convective Heat Transfer through a Rotating Curved Micro-channel with Strong Curvature	2Years	15.60
132	Prof. Md. Khalilur Rahman Department of Biochemistry and Molecular Biology University of Dhaka 01915682149	Neurotransmitters– mediating enzyme. Dopamine–B–hydroxylase. Its Cofactors and Other Biochemical Parameters in the Serum of Epileptic	2Years	16.6

	profkhalilurrahman@yahoo . com	Patients of Bangladesh		
133	Dr. Asoke Kumar Saha Department of Psychology Jagannath University Dhaka-1100 Bangladesh mail:kazisaifuddin@ymail.com Mobile: 01726028112 asoke_saha@yahoo.com	Effects of Individualism– Collectivism and Intelligence on Achievement Motivation	2Years	5.60
134	Dr. MD. SAIFUR RASHID DEPARTMENT OF ANTHROPOLOGY, UNIVERSITY OF DHAKA 01713464821 saifur_rashid66@hotmail.com	CONTESTING IDENTITIES, ETHNICITY AND NATION BUILDING: TOWARD AN INCLUSIVE MODEL FOR MANAGING DIVERSITIES AND DIFFERENCES IN THE CONTEXT OF CHITTAGONG HILL TRACTS, BANGLADESH	2Years	19.6
135	M. Kamruzzaman Professor Department of Agricultural Economics Bangabandhu Sheikh Mujibur Rahman Agricultural University Salna, Gazipur 1706 Phone- 9205339 Email- kzamanau@yahoo.com	Studying the impact of government policies, comparative advantages, value chain activities and nutrition security of livestock product production in Bangladesh	2Years	24.19
136	Professor Dr. Md. Shahdat Hossain Dept. of Biochemistry and Molecular Biology, Faculty of Biological Sciences Jahangirnagar University, Savar 01817544672 shahdat@dhaka.net	Effects of Syzygium cumini (jam) Seed Extract on the Memory Loss of Alzheimer's Disease Model Rats	2Years	17.60
137	Dr. Md. Elias Hossain Associate Professor Department of Poultry Science Bangladesh Agricultural University Mymensingh-Cell- 01711958398 E mail-	Antibiotic free organic broiler meat production using different medicinal plants	2Years	17.60

	mehossain_bau@yahoo.com			
138	Dr. Md. Zakir Hossain Professor Department of Statistics, Shahjalal University of Science & Technology Sylhet-3114 Bangladesh. Cell- 01711140801 E mail- mzhossain.bds@gmail.com	Targeting Effectiveness and Productive Outcomes of the Social Safety Net Programs in Rural Bangladesh: An Evaluation	2Years	31.60
139	Dr. Suman Paul Associate Professor Department of Epidemiology and Public Health, Faculty of Veterinary and Animal Science, Sylhet Agricultural University, Sylhet 3100 Cell- 01732922165 E mail- sumansgvc@gmail.com	Serosurvey of Q fever (Coxiella burnetii infection) in Sylhet dairy cattle for the development of adoptive targeted surveillance and sustainable control system	2Years	25.90
140	Dr Md. Ashabul Hoque Professor Dept of Mathematics, University of Rajshahi, Rajshahi-6205 Phone- 01715587509 E mail- ashabulh@yahoo.com	Mathematical Models for Storm Surge Wave in the Surf Zone	2Years	12.85
141	DR.ANANDA KUMAR SAHA Professor Department of Zoology, Rajshahi University, Rajshahi 6205 Cell- 01712637349 Email- anandroma@yahoo.com	Bioremediation Perspective of Textile Effluent Dyes by Indigenous Bacteria	2Years	26.60
142	Dr. Md. Iftekhar Shams Professor Forestry and Wood Technology Discipline Khulna University, Khulna Cell- 01714353399 Email- shams_rish@yahoo.com	Fabrications of bio-nanofibers for new generation electronic paper	2Years	21.60
143	Md. Rejaul Islam Professor Agrotechnology Discipline Khulna University Khulna-9208, Bangladesh. 01717668685 reja_bd@yahoo.com	<u>Morphological, pathogenic and molecular characterization of Colletotrichum species from Mango (Mangifera indica) in Bangladesh and their management by bioactive natural</u>	2Years	24.6

		<u>compounds from Sunderbans and coastal areas.</u>		
144	Mohammed Ashraful Azam Khan Institute of Marine Sciences and Fisheries University of Chittagong 01817227288 aakimscu@yahoo.com	Monitoring and Assessment on Heavy Metals in Salt Marsh Ecosystems, Spartina alterniflora to Climate Change Impact of the Cox's Bazar Coast, Bangladesh	2Years	13.85
145	DR.MD. ZIA RAHMAN PROFESSOR DEPARTMENT OF CRIMINOLOGY UNIVERSITY OF DHAKA DHAKA-1000 Cell- 01770520319	<u>VIRTUAL REALITY AND CYBERCRIME: MAKING OF DIGITAL LIFE AND THE EMERGING FRONTIER OF NATIONAL SECURITY IN BANGLADESH.</u>	2Years	20.41
146	Dr. Taskina Ali Physiology Department of Physiology; Faculty of Basic and Paramedical Science; Bangbandhu Sheikh Mujib Medical University; Shahbagh; Dhaka-1000 88-01-711848845 taskinadr@gmail.com	<u>Effects of Spirulina platensis on pain and inflammation in rats</u>	1Year	11.80
147	Dr. Md Nazrul Islam Professor, Forestry and Wood Technology Discipline, Khulna University, Khulna - 9208, Bangladesh. +8801925517235 nazrul17@yahoo.com	Production of craft paper from agricultural residues	1Year	16.72
148	Dr Mahmud Hossain Associate Professor Department of Biochemistry and Molecular Biology University of Dhaka, Dhaka-1000 01712659151 mahmudbio1480@du.ac.bd	Evaluation of Lead Induced Neurotoxicity in Mouse Brain and other Tissues	1Year	24.80
149	Dr. Md. Mostafizur	Nutritional enhancement of poor	1Year	10.80

	Rahman Mondol Department of Fisheries, Faculty of Agriculture, University of Rajshahi, Rajshahi 0721711117 mostafiz_bau@yahoo.com	indigenous people through aquaculture of nutrient rich fish and non-conventional fisheries items in homestead ponds under Barind Tract, Northern Bangladesh		
150	Prof Dr. Noorzahan Begum Physiology Department of Physiology, Bangabandhu Sheikh Mujib Medical University, Shahbag, Dhaka Bangabandhu Sheikh Mujib Medical University, Shahbag, Dhaka-1000, 01712261299 noorzahan52@gmail.com	Antinociceptive and anti-inflammatory effect of Nigella sativa in rats.	1 Year	6.98
151	Prof Md. Saiful Islam Computational Chemistry Department of Chemistry, University of Dhaka, Dhaka-1000. 01712173966 dr.mdsaifulislam@yahoo.com	Removal of Toxic Metal Ions and Residual Dyes from the Effluent of Leather and Textile Industries- A Computational Investigation using the First-Principles Approaches	1 Year	19.70
152	Prof ZAINUL ABEDIN SIDDIQUE Dept. of Chemistry, Chittagong University, Chittagong-4331, 88-01817750301 zasrummy@yahoo.com	STUDY ON THE PROPERTIES OF MOLECULAR DRUGS AND COMPOUNDS BY ADVANCED COMPUTATIONAL CHEMISTRY SOFTWARE	1 Year	6.60
2017-2018				
153	LS14215 Dr. Saif Ullah Munshi Associate Professor, Bangabandhu Sheikh Mujib Medical University, Shahbag, Dhaka-1000 Cell-01711376343 Email: saifmunshi@yahoo.com	Role of Chronic Viral Hepatitis in causation of diabetes mellitus- A micRNomics, Metabonimics and citokine profiling study	3yrs	17.40
154	LS14285 Dr. Afzalun Nessa Associate Professor Dept of Virology BSM Medical University, Shahbag, Dhaka Cell- 01552305903	Host Genetic factors influencing antibody response following Hepatitis B Virus Vaccination	3yrs	18.40

	E mail- afzalunnessa@yahoo.com			
155	PS14122 Dr. Hafiz Md. Hasan Babu Professor Department of Computer Science and Engineering New Science Complex, University of Dhaka, Dhaka Cell- 01711351055 E mail- hafizbabu@hotmail.com	Design and Implementation of a Low Power Quantum Arithmetic Logic Unit	3yrs	28.10
156	PS14267 Dr. Mohammed Abdul Basith Assistant Professor Department of Physics, Bangladesh University of Engineering and Technology(BUET), Dhaka- 1000, Cell- 01552428068 E mail- m.basith75@gmail.com	Synthesis and Characterization of multiferroic nanoparticles for energy applications	3yrs	26.79
157	LS1477 Dr. K. B. M. Saiful Islam Assistant Professor Department of Medicine & Public Health Faculty of Animal Science & Veterinary Medicine Sher-e-Bangla Agricultural University Dhaka-1207 Cell- 01674173844 E mail- vetkbm@yahoo.com	Development of multispecies/multistrains probiotic mixture from Bangladeshi local isolates and their validation for potential use in commercial poultry industry.	3yrs	24.40
158	MS14175 Dr. Saifuddin Md. Tareeq Professor Department of Computer Science and Eng. University of Dhaka, Dhaka Cell- 01715062737 E mail smtareeq@cse.univdhaka.edu	Developing Low Cost Robotic kit and Graphical Programming Language for School Students	3yrs	29.10
159	SS14128 Dr. Nezamuddin Ahmad Professor	Establishment of a community based home care program and evaluation of the program into	3yrs	32.40

	Centre for Palliative Care, Block-E (4th floor), Bangabandhu Sheikh Mujib Medical University (BSMMU) Shahbag, Dhaka-1000, Bangladesh Phone- 9666871/01715023675 E mail- nezamcpc@gmail.com	the impacts of home care provision on patients and families with incurable and life-threatening disease- a mixed		
160	LS14115 Dr. Jesmin Professor Department of Genetic Engineering & Biotechnology, University of Dhaka Cell- 01715300511 E mail- jesmin@du.ac.bd	Molecular mechanism of pathogenesis linking type 2 diabetes and hypertension within Bangladeshi population	3yrs	32.40
161	LS14190 Md. Mozammel Hoq Professor Department of Microbiology, University of Dhaka, Dhaka- 1000, Cell- 01717083673 E mail- mhoq@du.ac.bd	Mass Production of Efficient Bacillus thuringiensis (Bt) Biopesticides for Sustainable Delivery to the Farmers	3yrs	17.40
162	LS14166 Dr. Sunjukta Ahsan Associate Professor Department of Microbiology University of Dhaka Dhaka- 1000, Cell- 01948283983 Email- sunjukta@du.ac.bd	<u>Determination of optimum conditions for the survival of selected bacterial pathogens in biofilms</u>	3yrs	23.40
163	SS14229 Dr. AKM Fazlur rahman Professor Bangladesh University of Health Sciences (BUHS) 125/1 Darus Salam, Mirpur Dhaka-1216 Cell- 01715080645 Email- fazlur58@yahoo.com	Effect of rural-to-urban migration on cardiovascular diseases risk factors in Bangladesh	3yrs	31.85
164	SS14180 Dr.Mohammad Mahbub Alam Talukder Professor Accident Research institute (ARI), Bangladesh University of	Effects of Behavioural Approaches of Heavy Vehicle Bus and Truck Driverâ€™s on Road Accidents in Bangladesh	3yrs	22.40

	Engineering and Technology (BUET), Dhaka-1000. Cell- 01711374870 Email- mahbubibek@gmail.com			
165	PS1319 DR. MD. MONIRUZZAMAN Associate Professor and Chairman, Department of Geography and Environment, Jagannath University, Dhaka-1100, Bangladesh 01716022560 mdmoniruzzaman_bd@yahoo.com	SAFE DRINKING WATER OPTIONS IN THE COASTAL AREA OF BANGLADESH: TOWARDS A SUSTAINABLE SOLUTION	3yrs	30.40
166	LS1399 Dr. Md. Majibur Rahman Department of Microbiology University of Dhaka Dhaka-1000 01552459425 majibrahman@gmail.com	Effect of climate change on the genetic diversity of microorganisms found in different regions of Bangladesh and construction of a microbial data bank (Revised)	3yrs	22.40
167	SS1327 Dr Prof Diba Hossain Dept. of Special Education, Institute of Education and Research (IER) University of Dhaka 01726111403 dibah@yahoo.com	Role of Literacy on Employment, Job Satisfaction and Empowerment of Disabled People in Bangladesh (Revised)	3yrs	14.40
168	LS1396 Prof. Chowdhury Rafiqul Ahsan Department of	DEVELOPMENT OF A SUBUNIT VACCINE AGAINST Streptococcus pneumoniae USING	3yrs	18.40

	Microbiology, University of Dhaka, Dhaka-1000 01819401185 crahsan@du.ac.bd	ANTIGENIC COMPONENT(S) FROM SEROTYPES PREVALENT IN BANGLADESH (Revised)		
169	PS1322 Mohammad Shoeb Department of Chemistry, University of Dhaka Dhaka-1000 Bangladesh 01715191988 shoeb71@yahoo.com	Anticancer agents from endophytic microorganisms	3yrs	30.40
170	LS13100 Dr.Sangita Ahmed Department of Microbiology, University of Dhaka Dhaka-1000 sangita@du.ac.bd	Microorganisms with the Bioremediation Potential to Remove Chromium and Cadmium from Rivers Surrounding Dhaka (Revised)	3yrs	30.90
171	LS1397 Anowara Begum. Ph.D Department of Microbiology University of Dhaka Dhaka-1000 01926923962 anowara71@yahoo.com	Investigation into novel anticancer parasporal protein of indigenous Bacillus thuringiensis strains (Revised)	3yrs	32.40
172	PS1315 Subrota kumar Saha Department of Geology, University of Dhaka, Dhaka-1000 01711482872 subrotakumar_saha@yahoo.com	Reconstruction of ocean changes by foraminifera in Eastern coastal margin of Bangladesh	3yrs	25.40
173	LS1398	Community Structure and	3yrs	27.40

	Shakila Nargis Khan Department of Microbiology, University of Dhaka Dhaka 1000 01817530043 shakila@du.ac.bd	Quality Assessment of Artemia Cysts Used as Shrimp Feed in Aquaculture Industries of Bangladesh		
174	Dr. Sabita Rezwana Rahman Professor Department of Microbiology University of Dhaka 01552638020 sabita_rahman@hotmail.co m	Food borne Salmonellosis: Isolation, identification, assessment of transmission and its capacity to survive various physico chemical factors of an egg	3yrs	27.40
175	LS14105 Dr. A. R. M. Solaiman Professor Department of Soil Science, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706, Bangladesh. Cell- 01552495381 Email- arm_solaiman@yahoo.com	Enhanced Growth and Yield of Rice by Plant Growth Promoting Rhizobacterial Inoculation	3yrs	22.40
176	LS14255 Dr. Md. Rafiqul Islam Professor Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) Gazipur-1706 Bangladesh Tel. 01552495641, Email: rafiariib@yahoo.com	<u>Agronomic and genetic improvement of waterlogging tolerance in mungbean (Vigna radiata L. Wilczek)</u>	3yrs	12.40
177	LS14253 Dr. Md. Motaher Associate Professor HossainDepartment of Plant Pathology Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur-Cell- 01917043506	Genetic studies on resistance to soybean rust and its application to soybean breeding	3yrs	21.28

	Email- hossainmm@bsmrau.edu.bd			
178	PS13307 Dr. Tapan Kumar Saha Prof. Department of Chemistry Jahangirnagar University Savar, Dhaka-1342 01915653108 tksaha_ju@yahoo.com	<u>Insulin-mimetic metalloporphyrin-chitosan complexes: Oral therapeutics for diabetes mellitus</u> (Revised)	3yrs	17.40
179	LS14196 Dr. Md. Mahbub Alam Professor Department of Medicine Faculty of Veterinary Science Bangladesh Agricultural University Mymensingh-Cell- 01733792435 E mail- asamahbub2003@yahoo.com	Identification and characterization of potential food-borne pathogens from milk, meat and eggs in relation to food safety in Bangladesh	3yrs	24.40
180	LS1403 Dr. Jayonta Bhattacharjee Assistant Professor Department of Surgery and Obstetrics Faculty of Veterinary Science Bangladesh Agricultural University Mymensingh 2202 Bangladesh Cell- 01718192740 E mail- bhattacharjee@bau.edu.bd	Molecular identification of conception factor(s) in blood and urine for early pregnancy diagnosis in cows	3yrs	26.40
181	LS1440 Dr. S. M. Lutful Kabir Associate Professor Department of Microbiology and Hygiene Faculty of Veterinary Science Bangladesh Agricultural University Mymensingh Cell- 01754987218 E mail- lkabir79@gmail.com	<u>Development of a low cost probiotic formulation for the production of organic poultry in Bangladesh</u>	3yrs	32.40
182	LS14213 Md. Shahidul Haque Department of Biotechnology	Molecular screening for heat and drought tolerance in wheat genotypes and their	3yrs	16.40

	Bangladesh Agricultural University Mymensingh 2202 Cell- 01716066503 E mail- haquems@yahoo.com	physiological studies in north-west Bangladesh		
183	LS1460 Dr. Gopal Das Associate Professor Department of Entomology Faculty of Agriculture Bangladesh Agricultural University Mymensingh-Cell- 01749285388 E mail- gopal_entom@yahoo.com	Development of biointensive-IPM (BIPM) packages for Spodoptera litura (Fabricius) using microbials and IGR-based molecules	3yrs	17.40
184	LS1449 Dr. Mohammad Tofazzal Hossain Howlader Associate Professor, Department of Entomology Bangladesh Agricultural University Mymensingh-2202, Cell- Cell- 01742220007 E mail- tofazzalh@bau.edu.bd Mymesingh-2202	Investigation of Bio-rational Methods for Controlling Major Insect Pests Infesting Vegetables in Bangladesh	3yrs	23.40
185	LS14108 Dr. Md. Abdus Salam Professor Department of Aquaculture, Faculty of Fisheries, BAU, Mymensingh Cell- 01711024408 E mail- masalambau@gmail.com	Development of hydroponic wheatgrass cultivation as supplementary feed production technique for fish and poultry farming in Bangladesh	3yrs	25.40
186	LS14110 Dr. Khandakar Shariful Islam Professor Department of Entomology, Bangladesh Agricultural University, Mymensingh 2202 Cell- 01716370731 Email- ksharif_bau@yahoo.com	Outbreak of Giant Mealybug in Bangladesh and its Sustainable Management.	3yrs	32.40
187	LS1371 Prof. Dr. Abu Jofar Md. Mosleh Uddin Department of Soil Science	Development of a model for predicting nitrogen mineralization in paddy soils	3yrs	32.40

	Bangladesh Agricultural University Mymensingh 2202, Bangladesh 01712220033 abunazia@yahoo.com			
188	LS1391 Dr. Sukumar Saha Dept of Microbiology & Hygiene Bangladesh Agricultural University, Mymensingh-2202 01740847339 sukumar07@gmail.com	Investigation on Disease Resistance Capability of Newly Shuvra chickens in climatic change prone delta region of Bangladesh. (Revised)	3yrs	22.40
189	LS1360 NASRIN SULTANA JUYENA Department of Surgery & Obstetrics Faculty of Veterinary Science , Bangladesh Agricultural University Mymensingh-2202 01759674267 juyenahabib@gmail.com	OPTIMIZING REPRODUCTIVE PERFORMANCE OF INDIGENOUS FEMALE WATER BUFFALOES FOR SUSTAINABLE PRODUCTIVITY IN SMALLHOLDING BUFFALO FARMS (Revised)	3yrs	31.40
190	Dr. Sachchidananda Das Chowdhury Department of Poultry Science Bangladesh Agricultural University, Mymensingh 01712541494 drsdchow@gmail.com	USE OF NUTRITIONAL BIOTECHNOLOGICAL TOOLS TO COMBAT THE EFFECT OF GLOBAL WARMING ON POULTRY PRODUCTION	3yrs	32.40
191	PS1466 Dr.Md. Nizam Uddin Professor Department of Chemistry, Shahjalal University of Science	<u>Fabrication of dyes and Quantum dots sensitized solar cells and their application in renewable energy</u>	3yrs	31.30

	and Technology, Sylhet. Cell- 01926372680 Email- nizam3472@yahoo.com Co-investigator: Dr. Iqbal Ahmed Siddiquey Professor Department of Chemistry, Shahjalal University of Science and Technology Sylhet-3114, Bangladesh.			
192	PS14290 Dr. Md. Abdus Subahn Professor Department of Chemistry, SUST Sylhet Bangladesh Cell- 01716073270 Email- subhan-che@sust.edu	Fabrication of nanocomposite materials consisting of metal nanoparticles and magnetic metal oxides for effective reusable photocatalysts and biomedical applications	3yrs	27.20
193	LS1497 DR. MD. ASADUL ISLAM Professor Department of Genetic Engineering and Biotechnology, University of Rajshahi, Rajshahi-6205, Bangladesh Cell- 01723694067 Email- asadgen@ru.ac.bd	Molecular diagnosis and characterization of citrus viruses in available growing citrus cultivars of Bangladesh	3yrs	22.40
194	MS1411 Dr. Mohammed Harunor Rashid Associate Professor, Department of Mathematics, University of Rajshahi, Rajshahi-6205, Bangladesh. Cell- 01914254720 E mail- harun_math@ru.ac.bd	Studies on Extended Newton-type Method for solving Generalized Equations	3yrs	14.29
195	PS1450 Dr. Md. Abdullah Elias Akhter Professor Department of Physics, Khulna University of Engineering & Technology (KUET), Khulna 9203 Cell- 01714087397 E mail- afraabida@hotmail.com	Development of Automatic Weather Forecasting Facilities at KUET for Bangladesh using ARW Model	3yrs	32.35
196	LS1383 Samir Kumar Sadhu Pharmacy Discipline	Search for antidiabetic, antihyperlipidemic and antioxidative principles in	3yrs	26.40

	Khulna University Khulna-9208 01712984884 skssdhu1969@yahoo.com	traditionally used medicinal plants in Sundarbans.		
197	LS1355 Md Morsaline Billah Biotechnology and Genetic Engineering Discipline Khulna University Khulna-01712008393 morsaline@yahoo.com	Evaluation of Cytotoxic Activity of Mangrove Plants from The Sundarbans and Possible Search for Anticancer Principles (Revised)	3yrs	29.90
198	LS1365 Dr. Md. Mujibor Rahman Environmental Science Discipline, Khulna University, Khulna-9208 Bangladesh 01712218847 mujibku@gmail.com	Land Zoning Through GIS and Remote Sensing Techniques for Sustainable Shrimp and Agriculture Development in Southwest Bangladesh	3yrs	27.40
199	LS1346 Prof. Dr. Sheikh Julfikar Hossain Biotechnology and Genetic Engineering Discipline Khulna University Khulna-01732718009 sjhossaibgeku@gmail.com	Study on the Biosynthesis of Silver Nanoparticles using Components of Edible Bangladeshi Fruits and its Biomedical Applications	3yrs	25.11
200	LS13110 Dr. Asish Kumar Das Pharmacy Disciplin, Life Science School, Khulna University, Khulna 01914066214 dadasish03@yahoo.com	Evaluation of anti-allergic and hypoglycemic activities of the popular medicinal plants of Sundarban (Revised)	3yrs	24.40
201	LS1368 S.M. Mahbubur Rahman Professor	Bioprospecting the Medicinal Plants of the Sundarbans for Bioactive	3yrs	20.40

	Biotechnology and Genetic Engineering Discipline Khulna University Khulna-9208 01711131573 manmr2003@yahoo.com	Natural Products (Revised)		
202	PS1478 Dr. SUMON GANGULI Assistant Professor Dept. of Applied & Environmental Chemistry University of Chittagong, Chittagong Cell- 01757808239 Email- sumonganguli@yahoo.com	Improving the Heat Resistance of Enzymes Using Low Molecular Weight Compounds	3yrs	24.40
203	PS14124 Dr. MOHAMMAD ISMAIL HOSSAIN Associate Professor Department of Chemistry University of Chittagong, Chittagong-4331, Cell- 01716392446 Email- ismailcu@gmail.com	SYNTHESIS, CHARACTERIZATION, AND TOXICITY STUDIES OF TASK-SPECIFIC IONIC LIQUIDS USING AQUATIC SPECIES	3yrs	32.40
204	LS1384 Mohammed Kamrul Huda Department of Botany University of Chittagong 01819979279 mkhuda70@hotmail.com	Phytochemical analysis and bioactivity of some medicinal orchids of Bangladesh	3yrs	27.38
205	LS1386 Dr. ABU SHADAT MOHAMMOD NOMAN Dept. of Biochemistry & Molecular Biology University of Chittagong 01727773767 asmnomancubd@gmail.com	Expression Pattern of Toll Like Receptors (TLRs) in arsenic human macrophages (Revised)	3yrs	25.65
206	LS14251 Dr. A.H.M Nurun Nabi	<u>Association study of mitochondrial DNA copy</u>	3yrs	23.40

	Professor Department of Biochemistry and Molecular Biology University of Dhaka, Dhaka-1000, Bangladesh. Cell- 01914737989 Email- hnmahbub@yahoo.com	<u>number and polymorphisms with type 2 diabetes: Development of a mitochondrial DNA database of Bangladeshi population</u>		
207	PS14138 Dr. Abdus Salam Professor Department of Chemistry University of Dhaka Dhaka- 1000, Bangladesh Cell- 01817061160 Email- asalam@gmail.com	<u>Impact Assessment Study of the Size Selective Particulate Matters (PM1.0, PM2.5, PM4.0, PM10) on Human Health and Climate Change in Bangladesh</u>	3yrs	29.90
208	LS1496 Dr. Mohammad Zabed Hossain Professor Department of Botany, University of Dhaka, Dhaka 1000 Phone- 01727736087 Email- zabed@du.ac.bd	<u>Securing enhanced growth and biological nitrogen fixation in lentil (Lens culinaris Medik.) by using salt tolerant rhizobium in the salinity affected soils of Bangladesh</u>	3yrs	22.40
209	LS14156 Abu Noman Faruq Ahmmed Assistant Professor, Department of Plant Pathology Faculty of Agriculture Sher-e-Bangla Agricultural University Sher-e- Bangla Nagar Dhaka 1207 Cell: 01819823030 Email- nomanfarook@yahoo.com	<u>Surveillance, monitoring and development of prescription package against major diseases of commercial medicinal crops in Bangladesh</u>	3yrs	16.95
210	LS14114 Dr. SHAHANA AKHTER RAHMAN Professor Department of Pediatrics, Bangabandhu Sheikh Mujib Medical University (BSMMU) Cell- 01715244811 Email- shahana2pd@yahoo.com	<u>Neuropsychiatric Manifestations and Outcome in Paediatric Systemic Lupus Erythematosus Patients</u>	3yrs	19.8
211	PS2016259 Principal Investigator:	<u>Interaction Between Transition Metals and Drug Molecules: A Combined Experimental and</u>	2yrs	29.0

	Prof Md. Qamrul Ehsan Physical Chemistry Department of Chemistry University of Dhaka Dhaka-1000, Bangladesh +880-2-9661920-73, Ext. 7151 mqehsan@du.ac.bd	<u>Computational Study of Interaction Between First Row Transition Metals and Losartan</u>		
212	SS2016174 Principal Investigator: Dr. Shaila Sharmeen Cultural Anthropology University of Dhaka Dhaka 1000 01738879700 shaila_1976@yahoo.com	<u>Socio-economic and Environmental Impacts of Tobacco Cultivation in the Chittagong Hill Tracts (CHTs) of Bangladesh:An Anthropological Study of Exploitation, Resource Depletion and the Role of State</u>	2yrs	26.74
213	PS2016193 Principal Investigator: Prof Md. Abu Bin Hasan Susan Department of Chemistry, University of Dhaka Department of Chemistry, University of Dhaka, Dhaka-1000, Bangladesh 01819843753 susan@du.ac.bd	<u>Supramolecular Interactions of Amides, Carbohydrates and Ionic Liquids with Water for Molecular Switchable Devices</u>	2yrs	23.17
214	PS2016223 Principal Investigator: Prof Ishtiaque Syed Soft Condensed Matter Physics Department of Physics, University of Dhaka Dhaka-1000, 880-176261885(cell), 9661920-70 Ext 7009(off) imsyed@du.ac.bd	<u>Development and Characterization of Cost Effective Dye Sensitized and Organic Bulk-Hetero Junction (BHJ) Solar Cells</u>	2yrs	31.60
215	LS2016229 Principal Investigator: Prof Shaheen Islam Psychology	<u>Viability of Trauma Therapy in Bangladesh: Professional Development for Effective Implementation</u>	2yrs	30.47

	Department of Educational and Counselling Psychology, University of Dhaka, Nilkhet, Dhaka 1000 01911321608 shaheen.islam8@gmail.com			
216	SS2016173 Applicants Information Prof Salma Akhter Department of Sociology, University of Dhaka 8801816380118 salmaakhter1@hotmail.com	<u>AN ETHNOGRAPHIC STUDY OF FINANCIAL AND SOCIAL INCLUSION OF THE RURAL ULTRA POOR IN BANGLADESH</u>	2yrs	28.70
217	PS2016255 Principal Investigator: Dr. Md. Aminul Haque Associate Professor Department of Chemistry Jagannath University Dhaka 01711287600 amin2k4@yahoo.com	<u>Study of the Endophytic Fungus of Swertia chirata (Chirata) for the isolation of biological active secondary metabolites and screening for the biological activity of the isolated products</u>	2yrs	11.60
218	PS2016186 Principal Investigator: Prof Dr. Md. Julleh Jalalur Rahman Geology (Sedimentology) Department of Geological Sciences Jahangirnagar University Savar Dhaka-1342 01715474447 jrahman437@gmail.com	<u>Reservoir Quality Assessment of the Hydrocarbon Bearing Neogene Sandstones from the Offshore Areas in Bangladesh</u>	2yrs	29.60
219	LS2016100 Principal Investigator: Prof Dr. Md. Mokter Hossain Department of Horticulture Bangladesh Agricultural University Mymensingh-2202 01748020966 hossainmdmokter@gmail.com	<u>Development of Low Cost Propagation Techniques for Production of Quality Planting Materials of Strawberry</u>	2yrs	10.76

220	LS2016160 Principal Investigator: Prof Farida Bari Department of Surgery and Obstetrics Faculty of Veterinary Science Bangladesh Agricultural University P.O. Box 2202 01745996622 (cell) fybari61@yahoo.com.au	<u>Introduction of Artificial Insemination (AI) in Sheep Breeding in Bangladesh using produced frozen Ram Semen.</u>	2yrs	25.60
221	LS2016137 Principal Investigator: Prof Dr. Khan Md. Shaiful Islam Animal Nutrition Department of Animal Nutrition Bangladesh Agricultural University Mymensingh-2202 2016137	<u>Fermentation of deoiled rice bran (DORB) to improve nutritive value for poultry</u>	2yrs	31.60
222	LS 201679 Applicants Information Prof DR. MD. JALAL UDDIN SARDER Professor, Department of Veterinary and Animal Sciences, Faculty of Agriculture, University of Rajshahi, Rajshahi-6205, Bangladesh 0721-711141 (off), 0721- 812516 (Residence); Mobile: 01929231933 jalalnusa@yahoo.com	<u>ANOESTRUS PROBLEMS IN DAIRY COWS AND DEVELOPMENT OF THE APPROPRIATE TREATMENT PROTOCOL</u>	2yrs	18.00
223	LS 201653 Applicants Information Dr Md. Nazmul Ahsan Professor, Fisheries and Marine Resource Technology (FMRT) Discipline Khulna University, Khulna 9208 (88-041) 732157; 01712248038 nazmul_ku@yahoo.com	<u>Bacterial flora associated with freshwater prawn hatchery system with particular focus on antibiotic resistant Vibrio SPP.</u>	2yrs	19.55

224	LS2016203 Principal Investigator: Dr. Md. Ashaduzzaman Associate Professor Forestry and Wood Technology Discipline Khulna University Khulna - 9208 +8801711305972 a_zaman24@yahoo.com	<u>Study on the mass mortality of Raintree (Albizia saman Jacq.) in Khulna region of Bangladesh</u>	2yrs	21.58
225	LS2016116 Principal Investigator: Dr. Md. Nazmus Sadath Wildlife and Nature Conservation and Environmental Policy Forestry and Wood Technology Discipline Khulna University Gollamari, Khulna 9208 Khulna bangladesh Khulna University Gollamari, Khulna 9208 Khulna 8801777755144 (cell) mnsadath@yahoo.com	<u>Strategy for Tiger Conservation in The Sundarbans Reserve Forest: Predator to Prey and Habitat relation</u>	2yrs	21.60
226	PS201619 Principal Investigator: Dr. Md. Azharul Islam Associate Professor Forestry and Wood Technology Discipline 2nd Academic Building (first floor), Khulna University, Khulna 9208 01723910280 iazharul@gmail.com	<u>Hydrothermal carbonization of agro-based green waste biomass for manufacturing highly efficient solid bioenergy</u>	2yrs	19.60
227	LS2016107 Principal Investigator: Dr. Md. Moshir Rahman Associate Professor, Fisheries and Marine Resource Technology Discipline Khulna University, Khulna	<u>Effects of gamete quality of Indian major carps on reproductive success and larval fitness</u>	2yrs	21.40

	+8801764697000 mrahmankufmrt@gmail.com			
228	LS2017463 Prof Zakia Parveen Department of Soil, Water and Environment, University of Dhaka, Dhaka-1000. 01764055613 zakiaparveen1@yahoo.ca	<u>Threat of Cd in Bangladesh's agricultural system</u>	1 yr	14.80
229	LS2017470 Dr. Md. Mostafizur Rahman Mondol Shellfish Research & Aquaculture and Fisheries Management Department of Fisheries, Faculty of Agriculture, University of Rajshahi, Bangladesh 0721-711117, 01712-581153 mostafiz_bau@yahoo.com	<u>"Growth, condition index, reproductive activity and biochemical composition of Parreysia corrugata (Muller, 1774) in the Padma River, Rajshahi, northwest Bangladesh"</u> <u>Print</u>	1 yr	8.8
2018-2019				(৪৬৯৯.৮২)
230	LS2016227 Principal Investigator: Prof HUMAIRA AKHTER : Environmental Microbiology and Molecular Biology Department of Microbiology University of Dhaka, Dhaka 1000 +88-01552314010 humaira@du.ac.bd	<u>THE EFFECTS OF PESTICIDE ON THE SYMBIOTIC AND NITROGEN FIXING ABILITY OF RHIZOBIAL ISOLATES AND HOST PLANTS</u>	3 years	25.15
231	LS2016196 Principal Investigator: Prof Mahmuda Yasmin Molecular Virology Department of Microbiology University of Dhaka +88-01552382613	<u>Analysis of microRNA as a Biomarker in Chronic hepatitis C Virus Infected Patients in Bangladesh</u>	3 years	32.30

	yasmin@du.ac.bd			
232	SS201612 Principal Investigator: Dr. Mohammad Iftekher Hossain Associate Professor, Department of Economics Room 324, Social Science Building University of Dhaka +8801760128505 iftekher.hossain@econdu.ac.bd	<u>Unlocking the potential of Community Clinics (CCs) in selected Non-Communicable Diseases (NCDs) treatment: Bangladesh Case Study</u>	3 years	20.4
233	LS 2016213 Applicants Information Dr Muhammad Kamal Uddin Professor, Department of Psychology, University of Dhaka 01713-456644 kamaluddin67@hotmail.com	<u>Maternal Cognitive Ability and Neurobehavioral Development of the Disadvantaged Children</u>	3 years	9.40
234	LS14217 Dr. SABINA YEASMIN Professor Department of Genetic Engineering and Biotechnology University of Dhaka Dhaka-1000 Cell- 01845987733 Email- ysabina@univdhaka.edu Co-investigator: Md. Miraj Kobad Chowdhury Assistant Professor Department of Genetic Engineering and Biotechnology University of Dhaka Dhaka-1000	<u>APPLICATION OF Salmonella TYPHIMURIUM-SPECIFIC LYTIC BACTERIOPHAGES ISOLATED FROM ENVIRONMENT</u>	3 years	26.4
235	LS2016242 Principal Investigator: Prof Muhammad Manjurul Karim Department of Microbiology University of Dhaka Dhaka 1000 Bangladesh 01715490535 manjur@du.ac.bd	<u>Adaptation strategy through application of potential plant growth promoting rhizobacteria as biofertilizer in the coastal agriculture of Bangladesh under changing climate condition</u>	3 years	28.75

236	LS2016245 Principal Investigator: Prof Rakha Hari Sarker Plant Biotechnology and Plant Breeding Department of Botany, University of Dhaka, Dhaka-1000 01711547429 rhsarker2000@yahoo.co.uk	<u>Propagation of Three Endangered Plants species of Bangladesh Through Tissue Culture.</u>	3 years	26.1
237	LS2016244 Principal Investigator: Prof Marufa Zerin Akhter Molecular Biology Department of Microbiology, University of Dhaka, Dhaka-1000, Bangladesh 01817630976 mzakhter@du.ac.bd	<u>"Virulence Gene Profiles of Multidrug-Resistant clinical isolates of bacteria"</u>	3 years	14.25
238	LS2016205 Principal Investigator: Dr. MD. ABDUL MAZID Department of Pharmaceutical Chemistry, Faculty of Pharmacy, University of Dhaka, Dhaka-1000, 01814790478 ma.mazid@du.ac.bd	<u>Synthesis of Penicillin Nanoparticle Conjugates and Its Functional Characterization against Resistant Bacteria</u>	3 years	20.4
239	MS2016246 Principal Investigator: Prof Md. Hasanuzzaman Human Robot Interaction Department of Computer Science and Engineering University of Dhaka, Dhaka 1000 029661900-7436 (01820054456) hzaman@cse.univdhaka.edu	<u>Robot Behavior Development for Class Room Use for Autistic Children to Enhance Their Social Interaction</u>	3 years	30.70

240	LS2016232 Principal Investigator: Dr. Md Masud Iqbal Medicine-Nephrology Sir Salimullah Medical College (SSMC), Mitford , Dhaka 1100 01711952011 masud_1232001@yahoo.com	<u>Influence of Genetic Background for Polymorphisms of Renin Angiotensin System (RAS) Genes in Nephropathy among Type 2 Diabetic Subjects of Bangladesh</u>	3 years	32.40
241	SS2016183 Principal Investigator: Dr M Sheikh Giash Uddin Associate Professor Department of Statistics Jagannath University 9-10 Chittaranjan Avenue Dhaka-1100 Bangladesh +8801712279269 giash@stat.jnu.ac.bd	<u>Study on Effectiveness of Adolescent Reproductive Health Service on Reducing Incidence of Early Marriage and Pregnancy</u>	3 years	32.05
242	SS2016256 Principal Investigator: Prof Dr. Md. Shamsul Hoque Transportation planning and safety Department of Civil Engineering, Room-510, 4th Floor, CE Bldg. Bangladesh University of Engineering and Technology (BUET) Dhaka-1000, Bangladesh 01789172999 shamhoque84@gmail.com	<u>Risk Factors Associated with Bus-Truck Head on Collisions: Fatal Accident Severity on National Highways in Bangladesh</u>	3 years	32.40
243	PS2016239 Principal Investigator: Dr. Abu Bin Imran Assistant Professor Department of Chemistry Bangladesh University of Engineering and Technology Dhaka-1000, Bangladesh	<u>Facile fabrication of mechanically strong starch- clay nanocomposite films</u>	3 years	22.88

	01712762745 abimran@chem.buet.ac.bd			
244	LS 2016248 Mr Abu Noman Faruq Ahmmed Department of Plant Pathology, Faculty of Agriculture, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka 1207 01819823030; 01676008281 nomanfarook@yahoo.com	<u>Establishment of a Plant Disease Clinic at Sher-e-Bangla Agricultural University in Dhaka, Bangladesh</u>	3 years	22.40
245	LS2016180 Principal Investigator: Prof Dr. Md. Nazrul Islam Department of Horticulture (Horticulture Laboratory, Central Laboratory and Horticulture Research Farm) at the Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207 +880-1552498640 nislams2000@gmail.com	<u>Development and Acquisition of Postharvest Technologies for Managing Quality and Safety of Fresh Vegetables and Fruits</u> TM	3 years	15.00
246	LS201634 Principal Investigator: Prof Jamilur Rahman Dept. of Genetics and Plant Breeding Sher-e-Bangla Agricultural University (SAU) Dhaka -1207 +88-0155-2323928 jamilsau@gmail.com	<u>Varietal Improvement of Jute by Overcoming Cross Incompatibility Barrier among Corchorus species through Horizontal Genome Transfer</u> •	3 years	31.25
247	LS201685 Principal Investigator: Dr. Salekul Islam Department of Microbiology Jahangirnagar University Savar, Dhaka 1342	<u>Effect of Uses and abuses of antimicrobials in Bangladeshi Poultry and zoonotic transmission: Emergence of Public Health Crisis</u>	3 years	28.4

	+8801715029136 salequl@gmail.com			
248	LS2016165 Principal Investigator: Dr. Abdullah Shohael Plant Biotechnology and Genetic Engineering Department of Biotechnology and Genetic Engineering, Jahangirnagar University, Savar, Dhaka-1342, +8801841391712 amshohael@juniv.edu	<u>Development of salt tolerant Napier grass for the coastal regions of Bangladesh through Genetic Engineering</u>	3 years	28.00
249	LS1498 Dr. Shuvra Kanti DEY Assistant Professor Department of Microbiology Jahangirnagar University Savar, Dhaka-1342, Cell-01759588088 Email- shuvradey@yahoo.com Co-investigator: Md. Firoz Ahmed Assistant Professor Department of Microbiology, Jahangirnagar University, Dhaka-1342.	<u>Development of rapid molecular diagnostic kits and potential vaccines candidate for rotavirus infection in Bangladesh</u>	3 years	23.90
250	LS201672 Principal Investigator: Prof Dr. G K M Mustafizur Rahman Department of Soil Science, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur +8801718186642, +88029205310-14 Ext. 2283 mustafiz@bsmrau.edu.bd	<u>Mitigation of Industrial Polluted Agricultural Soil for Sustainable Soil Health and Better Crop Production</u>	3 years	28.4
251	LS2016195 Principal Investigator: Dr. Md. Mannan Department of Agronomy, Bangabandhu Sheikh Mujibur	<u>Evaluation of Soybean Germplasm for Drought Tolerance under Water Limited Conditions</u>	3 years	26.77

	Rahman Agricultural University (BSMRAU), Gazipur-1706 01816020290; 01712085767 mannanbsmrau@yahoo.com			
252	LS201699 Principal Investigator: Dr. S. M. Rafiquzzaman Fisheries, Natural product, Food science Department of Fisheries Biology and Aquatic Environment Bangabandhu Sheikh Mujibur Rahman Agricultural University Gazipur-1706 01754041311 bokul44@yahoo.com	<u>Evaluation of chemical composition and biofunctional activities of different selected seaweeds collected from Saint Martin coast, Cox'sbazar</u>	3 years	27.67
253	PS20167 Principal Investigator: Dr. Md. Najmul Kabir Chowdhury Assistant Professor and Head Department of Chemistry Government Bangabandhu College Gopalganj Postcode: 8100 01735994039 chowdhurnajmul76@yahoo.com	<u>Rice straw and coconut fiber based nanocomposite for indoor to outdoor applications</u>	3 years	25.4
254	LS2016228 Principal Investigator: Prof Md. Zakir Hossen Metallic pollution & remediation, Environmental Geochemistry, Plant Nutrition Department of Agricultural Chemistry, Faculty of Agriculture, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh +880-1733-513640 zakirhm.ac.bau@gmail.com	<u>Toxic metal exposure through major food stuffs and point source evaluation for adopting remediation strategies</u>	3 years	25.52
255	LS2016250	<u>Development of a saline tolerant tilapia for the coastal area of Bangladesh</u>	3 years	17.40

	Principal Investigator: Prof Dr.Md. Sadiqul Islam Physiology of aquatic animals Dept. Fisheries Biology & Genetics, Bangladesh Agricultural University, Mymensingh-2202 01726-559543 sadiqul1973@yahoo.com			
256	LS2016133 Principal Investigator: Dr. Muhammed Ali Hossain Associate Professor Department of Plant Pathology Bangladesh Agricultural University (BAU) Mymensingh +8801737412881 alihossain.bau@gmail.com	<u>Analysis of genetic variation of pathotypes, resistance screening and eco-friendly management of Pyricularia graminis-tritici/Magnaporthe oryzae causing wheat blast in Bangladesh</u>	3 years	29.32
257	LS2016129 Principal Investigator: Prof Mohammad Gulzarul Aziz Department of Food Technology and Rural Industries Bangladesh Agricultural University Mymensingh-2202, 01922173917 aziz_ftri@bau.edu.bd	<u>Effect of Fungicides, Ripening Agents and Preservatives on the Quality and Safety of Selected Fresh and Agricultural Produces</u>	3 years	30.91
258	LS20169 Principal Investigator: Prof Md. Siddiqur Rahman Veterinary Medicine Department of Medicine, Bangladesh Agricultural University, Mymensingh 2202 01918181550 prithul02@yahoo.co.uk	<u>Molecular diagnosis and impact of brucellosis on human and domestic ruminant populations</u>	3 years	23.08
259	LS201666 Principal Investigator: Dr. Md. Abul Hashem	<u>Assessment of quality and safety of raw and processed meats through conventional analytical and image technology</u>	3 years	28.66

	Professor, Department of Animal Science, Faculty of Animal Husbandry, Bangladesh Agricultural University, Mymensingh-2202 01721-310621 hashem_mdabul@yahoo.com			
260	LS201696 Principal Investigator: Prof Md. Abu Hadi Noor Ali Khan Department of Pathology, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh-2202, +88 01727-203934 hadi.khan@bau.edu.bd	<u>Identify carrier, transmission cycle, drug toxicity and drug resistance properties of Leishmaniasis (Kala-azar) in Bangladesh</u>	3 years	25.90
261	LS2016127 Principal Investigator: Dr. ASM Saifullah Marine and Fresh water Ecosystem, Environmental pollution Associate Professor Department of Environmental Science and Resource Management Mawlana Bhashani Science and Technology University Santosh, Tangail-1902 01711391992 saifullahasm@yahoo.com	<u>Use of Mangrove Macroalgae as Tool for Detecting Trace Metal Contamination in Estuarine Ecosystem</u>	3 years	27.81
262	LS2016162 Principal Investigator: Prof Md. Abul Kalam Azad Genetic Engineering and Biotechnology Department of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology, Sylhet-3114 +8801715160921 dakazad-btc@sust.edu	<u>Bioconversion of Organic Municipal Solid Wastes into Bioresources through Production of Industrially Important Recombinant Enzymes and Biodiesel</u>	3 years	17.70

263	PS2016125 Principal Investigator: Dr. Md. Rafiqul Islam Associate Professor, Department of Petroleum and Mining Engineering, Shahjalal University of Science and Technology (SUST), Sylhet-3114, +8801749611336 dmrislam74@gmail.com	<u>Research on Underground Coal Gasification (UCG) and Coalbed Methane (CBM) prospects in the coal basins of northwest Bangladesh</u>	3 years	31.49
264	PS201647 Principal Investigator: Dr. M. FARHAD HOWLADAR Department of Petroleum and Mining Engineering, ShahJalal University of Science and Technology, Sylhet 3114, 880-1731-195918 or 880-821-711945 farhadpme@gmail.com	<u>“Monitoring the Situation of Environment around the Barapukuria Coal Fired Thermal Power Plant, Dinaipur for Understanding the Sustainability of Thermal Power Plant in Bangladesh”</u>	3 years	31.17
265	LS2016234 Principal Investigator: Dr. Md. Motaher Hossain Food safety, Fisheries microbiology Dept. of Fisheries Technology and Quality Control Faculty of Fisheries, Sylhet Agricultural University, Sylhet-3100, Bangladesh 88-01951320059 motaher03@yahoo.com	<u>Bacteriological and chemical analysis of Indian Major Carps of Hakaluki haor in Sylhet region</u>	3 years	23.16
266	LS14231 Dr. Md. Nazrul Islam Associate Professor Department of Agronomy and Haor Agriculture, Sylhet Agricultural University, Sylhet. Cell- 01716443391 Email- nkakoli2003@yahoo.co.uk Co-investigator:	<u>“Collection, Evaluation, Characterization and Establishment of Citrus Germplasms Center by Utilizing Tilas of Sylhet Agricultural University (SAU)”</u>	3 years	17.40

	Dr. Mohammad Noor Hossain Miah Professor & Ex-Dean, Faculty of Agriculture, Chairman, Department of Agronomy and Haor Agriculture, Sylhet Agricultural University. Mob. 01558370719, Email:			
267	LS201676 Principal Investigator: Dr. Mohammad Yousuf Miah Poultry Science Department of Poultry Science, Sylhet Agricultural University, Sylhet 3100 Sylhet Agricultural University, Sylhet 01716689485 myoumsau2003@gmail.com	<u>An investigation on profitability and performance of ducks through disease control and feed supplementation strategies in smallholder duck production in hoar area of Sylhet</u>	3 years	13.40
268	LS201657 Principal Investigator: Prof Toufiq Iqbal Soil Biology Department of Agronomy and Agricultural Extension Faculty of Agriculture University of Rajshahi Rajshahi 6205 01819529813 toufiq_iqbal@yahoo.com	<u>Potential Benefits of Arbuscular Mycorrhizal Fungi Inoculations for Crop Production</u>	3 years	19.80
269	LS201638 Principal Investigator: Prof FARZANA NEELA Environmental Microbiology and Plant Pathology Department of Botany, Rajshahi University, Rajshahi 01732465793 (Cell) nfarzanaashrafi@yahoo.com	<u>Documentation and Preservation of Threatened Pteridophytic Plant species in Rajshahi Region and their Antimicrobial Activities against Plant Pathogenic Fungi and Drug Resistant Bacteria</u>	3 years	28.45
270	LS201628	<u>Genetic improvement of okra for resistance to viral diseases</u>	3 years	32.40

	Principal Investigator: Dr. MD. ANOWAR HOSSAIN Department of Biochemistry & Molecular Biology University of Rajshahi Rajshahi-6205 01556311310 mahossain95@hotmail.com			
271	PS14226 Dr. Md. Ayub Ali Professor Department of Statistics University of Rajshahi Rajshahi- 6205, Bangladesh Cell- 01556310294 Email- ayubali67@gmail.com Co-investigator: Md. Abdul Khalek Assistant Professor Department of Statistics University of Rajshahi Rajshahi- 6205, Bangladesh	<u>Statistical Data Mining Technique for Modeling and Forecasting Volatility of Groundwater Level of Northwest Part of Bangladesh</u>	3 years	25.52
272	LS2016240 Principal Investigator: Dr. Md. Nurul Matin Molecular Genetics, Breeding and Biotechnology Department of Genetic Engineering and Biotechnology, University of Rajshahi, Rajshahi-6205 Dept. of Genetic Engineering and Biotechnology, University of Rajshahi, Rajshahi-6205 +88-01752-003909 (Cell- Phone) nmatin2@yahoo.com	<u>Isolation of genes from rice cultivars of Barind Tract of Bangladesh and introducing stress tolerant high yielding rice variety through molecular breeding approach</u>	3 years	24.4
273	LS2016218 Principal Investigator: Prof Dr. MD. HABIBUR RAHMAN Department of Zoology, Rajshahi University, Rajshahi 01732465794 (Cell)	<u>Development of vaccine for control of epizootic ulcerative syndrome (EUS) caused by Aeromonas hydrophila in fresh water carp and cat fish</u>	3 years	22.66

	hrzoology@yahoo.com			
274	PS2016212 Principal Investigator: Prof MD. TARIQUL HASAN Polymer Chemistry and Physics Department: Chemistry Rajshahi University Department of Chemistry Rajshahi University Rajshahi-6205 01710221454 thasan.chem@ru.ac.bd	<u>Diversification and Value Creation of Waste Silk of Sericulture Industry in Bangladesh</u>	3 years	32.36
275	LS2016147 Principal Investigator: Dr. Md. Al-Amin Sarker Associate Professor, Department of Fisheries, University of Rajshahi, Rajshahi 8801733224637 maa_sarker@yahoo.com	<u>Incorporation of water hyacinth, Eichhornia crassipes meal in aqua-feed and its efficacy on growth and nutritional aspects of Rui, Labeo rohita (Ham.) reared in cage in the Isamoti River</u>	3 years	14.90
276	LS2016209 Principal Investigator: Prof Jamil Shilpi Bioactive natural products Pharmacy Discipline Life Science School Khulna University Khulna-9208 Bangladesh +8801910010054 jamilshilpi@yahoo.com	<u>Exploring fungal endophytes from the Sundarbans mangrove forest as a potential source of anticancer and antimicrobial drug discovery</u>	3 years	24.65
277	LS2016187 Principal Investigator: Dr. Kishor Mazumder Department of Pharmacy University of Science and Technology Chittagong (USTC) Foyas Lake, Pahartali Chittagong-4202, Bangladesh 01817745648 mazumderkis2002@yahoo.com	<u>Design and Development of Methacrylic Acid and Methylacrylate Copolymer Based Insulin-loaded Nanoparticles for pH Sensitive Jejunum Specific Delivery.</u>	3 years	25.40

278	LS201637 Principal Investigator: Prof Mohammad Al-Forkan Department of Genetic Engineering and Biotechnology University of Chittagong, Chittagong-4331, +88-01819-383-213 alforkangeb@gmail.com	<u>STUDY ON ARSENIC DEPOSITION IN CARDIOVASCULAR SYSTEM AND ITS CORRELATION WITH CARDIOVASCULAR DISEASE (CVD) AND GENETICALLY PREDISPOSED POPULATION IN BANGLADESH</u>	3 years	32.13
279	PS201660 Principal Investigator: Prof Dr. MD. MAHBUBUL MATIN Department of Chemistry, University of Chittagong, Chittagong-4331, +880 1716 839689 mahbubchem@cu.ac.bd	<u>Efficient Synthesis and Characterization of Monosaccharide Esters as Novel Potential Antimicrobial Agents: Application of Microwave and Direct Acylation Methods</u>	3 years	29.76
280	PS2016120 Principal Investigator: Prof Mihir Kumar Roy Physics Department of Physics University of Chittagong, Chittagong-4331 Bangladesh 031-656774 01726508123 mkroy56@yahoo.com	<u>Effect of Microstructure and Temperature on Thermal Conductivity of Polymers</u>	3 years	12.98
281	LS201615 Principal Investigator: Mohammad Monirul Islam Professor Department of Biochemistry and Molecular Biology University of Chittagong Chittagong-4331 Bangladesh +8801750180422 islammm@cu.ac.bd	<u>Quantitative and qualitative detection of all natural dengue infections using a common recombinant dengue antigen</u>	3 years	32.40
				1311.50

282	LS2017414 Prof A B M Faroque Food and pharmaceuticals. Department of Pharmaceutical Technology Faculty of Pharmacy University of Dhaka Shahbagh, Dhaka 1000 01830002826 abmfaroque@yahoo.com	<u>Study on Adulteration of Common Food Items Available in the Bangladeshi Market</u>	2 Years	22.60
283	PS2017376 Prof Dr. Md. Zakir Hossain Impact Studies of various Development and Demographic Issues Department of Statistics, Shahjalal University of Science & Technology Sylhet-3114, Bangladesh. 01711140801 <u>mzhossain.bds@gmail.com</u>	Reducing the Errors in the Measurement of Food Security in Bangladesh through Development and Implementation of an Innovative Method	2 Years	19.60
284	Prof MD Sagir Ahmed Zoology (Fisheries), Aquatic Biodiversity & DNA Barcoding specialist Department of Zoology, University of Dhaka, Dhaka 1000 01552422621 sagir@du.ac.bd	<u>DNA Barcoding of Marine Fishes of Bangladesh</u>	2 Years	16.60
285	PS2017406 Dr. Md. Ashiqur Rahman Two-Phase Heat Transfer, Energy harvesting, Energy solutions Department of Mechanical Engineering, Bangladesh University of Engineering and Technology (BUET), Dhaka- 1000	<u>Fabrication and characterization of particleboards from indigenous agricultural and household wastes and optimization of the manufacturing process</u>	2 Years	9.60
286	PS2017320 Dr. Mohammad Abu Sayem Karal Biophysics	Synthesis of artificial membranes for the possible application in cancer cell destruction and antibacterial	2 Years	16.60

	Department of Physics Bangladesh University of Engineering and Technology (BUET), Dhaka-1000 01712863844 asayem221@phy.buet.ac.bd	effect examination		
287	LS2017322 Prof Dr. Mohammad Al-Mamun Department of Animal Nutrition, and Muhammad Hussain Central Lab., Bangladesh Agricultural University, Mymensingh. +88-091-67401-6 mamamun@bau.edu.bd	<u>Dietary supplementation of medicinal herbs to mitigate enteric methane emission in ruminant</u>	2 Years	14.60
288	LS2017445 Prof Md. Morshedur Rahman Safe, healthy and functional dairy foods Department of Dairy and Poultry Science and Department of Microbiology and Public Health Faculty of Veterinary Medicine and Animal Science, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Salna, Gazipur-1706 +880-1787062534 morshed@bsmrau.edu.bd	Exploring Traditional 'Buffalo Milk Curd' for Developing Probiotic Based Starter Culture	2 Years	17.60
289	SD2017409 Dr. Salma Begum The major fields of specializations are gender and development,	<u>Assessment of Role of Women in Agriculture and Sustainable Development Goals</u>	2 Years	10.60

	education, agriculture and sustainab University of Dhaka 01863833577 sociodu2013@gmail.com			
290	LS2017301 Prof Yearul Kabir Molecular Genetic Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka-1000. 01710327716 ykabir@yahoo.com	Genetic variation in the TP53 pathway and bladder cancer risk in Bangladeshi individuals.	2 Years	16.60
291	LS2017321 Dr. MDZHARUL ISLAM Department of  , Faculty of , Bangladesh Agricultural University, Mymensingh-2202. +8801719993555 maislam@bau.edu.bd	<u>Physicochemical and microbial investigation of different water sources in different regions of Bangladesh</u>	2 Years	16.60
292	A preliminary stock assessment of mud crab (Scylla olivacea) for sustainable management in sundarban mangrove forest in Khulna district	LS2017315 Dr. Md. Sherazul Islam Department of Fisheries & Marine Bioscience Jessore University of Science & Technology, Jessore-7408 Jessore University of Science & Technology, Jessore-7408 01913241344 tuhinkk@yahoo.com	2 Years	17.60
293	LS2017432 Dr. Kazi Md. Faisal Hoque Department of Genetic Engineering and Biotechnology 3rd Science Building, Level # 4 University of Rajshahi Rajshahi-6205 Bangladesh 01711902606 faisal.geb@ru.ac.bd	Isolation, identification and characterization of soil borne alkane degrading bacteria for sustainable management of petroleum contamination from environment	2 Years	14.60

294	LS2017362 Prof Dr. Md. Mukter Hossain Diagnostic Medicine Laboratory of the Department of Medicine Faculty of Veterinary and Animal Science Sylhet Agricultural University, Sylhet. Sylhet-3100. 01712-054850 mukter.sau@gmail.com	Sero-survey and molecular detection of Mycobacterium tuberculosis and Mycobacterium bovis from bovine samples at Sylhet region for the development of adoptive control program	2 Years	16.60
295	PS2017446 Dr. Alamgir kabir Condensed matter physics Department of Physics, University of Dhaka 880-1711-978225 alamgir.kabir@du.ac.bd	<u>The study and design of new materials using computer simulation, a Density Functional Theory (DFT)+ Dynamical Mean Field Theory (DMFT) based approach.</u>	2 Years	13.60
296	PS2016293 Dr. Abul Kalam Md. Lutfor Rahman Department of Chemistry, Jagannath University, Dhaka-1100 01732108451 lrahman1973@gmail.com	Synthesis and characterization of metal impregnated nanocrystalline ZSM-5 zeolite catalyst and its application in direct partial oxidation of alkane	2 Years	12.60
297	LS2017408 Mr A.K. Obidul Huq Department of Food Technology and Nutritional Science, Mawlana Bhashani Science and Technology University Santosh, Tangail-1902. +88 01747305788 obidulhuq@gmail.com	Identification of Food Adulterants in Different Food Stuffs and their Impacts on Consumers	2 Years	14.60
298	LS2017336 Dr. MD LATIFUL BARI Center for Advanced Research in Sciences, University of Dhaka,	Development of mixed Bacterial inoculums to improve the soil fertility and crop yield	2 Years	15.60

	Dhaka-1000, Bangladesh 8802-9661920 Ext 4721 latiful@du.ac.bd			
299	SD2017417 Dr. Mohammed Mizanur Rahman Dept. of Irrigation and Water Management Bangladesh Agricultural University 01717825850 mizaniwm@bau.edu.bd	<u>Enhancing water and energy use efficiency of rice crop by recycling lost percolated water from rice fields</u>	2 Years	15.60
300	LS2017466 Dr. Md. Rashedul Kabir Mondol Associate Professor Department of Fisheries University of Rajshahi Rajshahi-6205 +8801720 425054 rashedul.mondol@griffithu ni.edu.au	DELINEATION OF HILSHA SHAD (TENUALOSA ILISHA) POPULATIONS FROM DIFFERENT AQUATIC ENVIRONMENTS USING SINGLE NUCLEOTIDE POLYMORPHISMS (SNPs)	2 Years	14.60
301	LS2018759 Dr Taskina Ali Bangabandhu Sheikh Mujibur Rahman Medical University (BSMMU) Department of Physiology (BSMMU), Shahbagh, Dhaka- 1000 008801711848845 taskinadr@gmail.com	<i>Vitamin D3</i> <i>supplementation on lung</i> <i>functions and exercise</i> <i>tolerance in D3 deficient</i> <i>patients with asthma</i> <i>COPD overlap (ACO)</i>	1 yr	10.80
302	LS2018621 Md. Tariqul Islam Professor Rajshahi University Associate Professor, Department of Fisheries, University of Rajshahi, Rajshahi-6205 +88-01712697251 tariqrubd@gmail.com	<i>Effects of vacuum and</i> <i>modified atmosphere</i> <i>packaging on the shelf-</i> <i>life of marine fishes</i> <i>stored under</i> <i>refrigeration</i> <i>temperature (4 °C)</i>	1 yr	8.8
				1627.50

2019-20				
303	PS2019976 Prof Hasan Ahmad Department of Chemsitry, Rajshahi University, , Rajshahi 6205, Bangladesh 01716389382 samarhass@yahoo.com	<i>Preparation of inorganic/organic hybrid composite particles for application as energy storage materials</i>	1 yr	8.8
304	SD2018781 Dr Md Ashraful Alam Associate Professor, Department of Civil Engineering, University of Asia Pacific, 74/A Green Road, Dhaka 1215 +8801729241971 dr.ashraful@uap-bd.edu	<i>EMBEDDED CONNECTOR FOR OPTIMAL RETROFITTING OF REINFORCED CONCRETE STRUCTURE USING EXTERNALLY BONDED PLATES</i>	1 yr	8.8
305	LS2017606 Dr Haseena Khan Department of Biochemistry and Molecular Biology, University of Dhaka, +88-02-9661900 Ext. 7645, 01711612344 haseena@du.ac.bd	<i>Identification of Volatile Organic Compounds (VOCs) of jute endophytic fungi for their effects on seed germination, plant growth promotion and disease resistance.</i>	2 yr	20.6
306	LS2017600 Dr Murad Hossain Department of Pharmaceutical Sciences, North South University, Bangladesh 01786656374 murad.hossain@northsouth.edu	<i>Behavioral and pharmacological studies of polyphenolic compounds on carbamate pesticide induced autism spectrum disorder</i>	2 yr	13.6
307	LS2017582 Dr Mohammad Shamsur Rahman Department of Fisheries, University of Dhaka, Dhaka- +8801818314899 shamsur@du.ac.bd	<i>Immediate and accurate diagnosis of emerging Tilapia Lake Virus (TiLV) disease in Bangladesh</i>	2 Years	16.6

		through molecular approach		
308	LS2018635 Professor Dr. Md. Elias Hossain Department of Poultry Science, Bangladesh Agricultural University, Mymensingh-+8801711958398 mehossain_bau@yahoo.com	<i>Production of antibiotic free safe eggs by using different antibiotic alternatives in layer diet</i>	2 Years	13.6
309	LS2017568 Dr Md. Rakibul Islam Associate Professor, Department of Biochemistry and Molecular Biology +8801754461269 rakibul_du@du.ac.bd	<i>Biotechnological Production of Carotenoids from Bacteria for Feed and Food Industry</i>	2 Years	11.6
310	MRS2018693 Prof. Dr. Sheikh Aftab Uddin Institute of Marine Sciences and Fisheries, University of Chittagong, Chittagong-4331, Bangladesh. 01753771162 aftabims@cu.ac.bd	<i>Genetic diversity and population structure of ঐ, athead mullet Mugil cephalus in the coastal waters of Bangladesh</i>	2 Years	13.6
311	LS2017587 Prof Nazma Shaheen Institute of Nutrition and food Science (INFS), University of Dhaka, Dhaka- 1000, Bangladesh 880-1747799562 nzmshaheen58@gmail.com	<i>Gel based Proteomic Approaches to identify and quantify Plant Food Allergen in Lentils “a commonly consumed Food Stuff in Bangladesh</i>	2 Years	17.6
312	LS2018653 Dr Sujat Paul Professor, Department of Medicine, Chittagong Medical College and Hospital, Chittagong., 1711-762-582	<i>STUDY ON THE EFFECT OF GENETIC VARIATIONS ON SYSTEMIC LUPUS ERYTHEMATOSUS</i>	2 Years	13.6

	dr.sujatpaul@gmail.com	<i>(SLE) AND ITS SEVERE MANIFESTATIONS ON BANGLADESHI POPULATION</i>		
313	LS2017538 Dr Md. Aminul Islam Dept. of Dairy and Poultry Science, BSMRAU, Gazipur-Cell:01552495623, 01712529396 aminul_dgvc@yahoo.com	<i>Use of extruded eggshell as a calcium source substituting limestone or oyster shell in the diet of laying hens</i>	2 Years	16.6
314	LS2017533 Dr Md. Ashaduzzaman Siddikee Associate Professor Department of Genetics and Plant Breeding Sher-e-Bangla Agricultural University Dhaka-1207, +88 01760313524 asad_sau06@yahoo.com or siddikeesau10@gmail.com	<i>Isolation and characterization of N2-fixing bacteria from rice and evaluation their potentials as growth promoter</i>	2 Years	16.6
315	LS2017610 Prof M Zahid Hassan Dept. of Cell & Molecular Biology, Bangladesh University of Health Sciences (BUHS), Mirpur-1, Dhaka, 01552300984 mzhassan@buhs.ac.bd	<i>Association of Vitamin D Receptor Gene (VDR) polymorphism with Plasma Vitamin D Level and Cardio-metabolic Factors</i>	2 Years	16.6
316	PS2017520 Prof Dr. Mohammad Mashud Department of Mechanical Engineering, KUET, Khulna-9203, +8801713255226 mdmashud@me.kuet.ac.bd	<i>Improvement of Wind Turbine Blades for Low Wind Speeds and Fundamental Aerodynamical Behavior</i>	2 Years	13.6
317	SD2017613 Dr Md. Rakibul Hoque Room # 3059, Department of Management Information Systems (MIS), University of Dhaka, +88- 01912928171, rakibul@du.ac.bd	<i>Assessing Needs of Persons with Disabilities in relation to ICT with pedagogy for ensuring access to</i>	2 Years	11.6

		education and vocational training.		
318	PS2017580 Prof Dr. Mohammad Sayed Alam Department of Chemistry, Jagannath University, 9-10, Chittaranjan Avenue, Dhaka-1100 +88 01712898549 msaalam@chem.jnu.ac.bd sayedalam@gmail.com	<i>Microwave-assisted green synthesis of silver nanoparticles using Leucas aspera extracts as capping agent and their biological evaluation</i>	2 Years	21.6
319	SS2018642 Prof Md. Nurul Islam Department of Statistics, Rajshahi University, Rajshahi, 01715078277) mnurul58@yahoo.com S2018642	<i>Child malnutrition and health promotion interventions on academic performance among school going children in high Barind tract area of Rajshahi division</i>	2 Years	11.6
320	LS2017599 Prof Hasan Mahmud Reza Department of Pharmaceutical Sciences, North South University, Bangladesh 01715885651 hasan.reza@northsouth.edu	<i>Study of antioxidants for the prevention/treatment of cardiovascular disorder</i>	2 Years	23.6
321	LS2018711 Prof Ashfaque Ahmed Ecology and Environment Laboratory, Department of Botany, University of Dhaka 01911745320 aashfaque67@yahoo.com	<i>Genetic diversity analysis of Grewia nervosa (Lour.) Panigrahi growing in different Sal forests of Bangladesh with reference to changing population structure</i>	2 Years	13.6

322	LS2017554 Prof Laila Anjuman Banu Professor of Genetics & Molecular Biology and Chairman, Department of Anatomy, BSMMU 1911344673, dr.lailabanu@gmail.com	<i>Association between MTHFR C677T gene polymorphism and essential hypertension in Bangladeshi population</i>	2 Years	16.6
323	LS2017300 Prof Md Zakir Hossain Howlader Department of Biochemistry and Molecular Biology University of Dhaka Dhaka-1000 Bangladesh 01716-409601 hhzakir@yahoo.com Co-investigator: Dr. Md Ismail Hosen Department of Biochemistry and Molecular Biology University of Dhaka Dhaka-1000 Bangladesh 01911531689 ismail.hosen@du.ac.bd	<u>Investigating the role of telomere biology in Pediatric Acute Lymphoblastic Leukemia.</u> <u>Print</u>	3 Years	20.4
324	LS2016261 Dr. Mahfuzul Hoque Bioresource and Biotechnology Department of Microbiology, University of Dhaka 01790737709 drmdhoque2004@yahoo.com Co-investigator: Dr. Marufa Zarin Akhter Department of Microbiology, University of Dhaka, Dhaka-1000 01817630976 mzakhter@gmail.com	<u>Inactivation of common food borne pathogens with essential oils from herbs and spices.</u> <u>Print</u>	3 Years	15.4
325	LS2017340 Prof Dr. Md. Aminul Islam Bhuiyan Fish parasitology and Fish pathology Department of Zoology University of Dhaka Dhaka 1000 01716989858 aminul_zool@du.ac.bd Co-investigator: Ms Rita Parveen Assistant Professor (Zoology), Research Officer (on Deputation), BANBEIS 1	<u>Taxonomy and epidemiology of protozoan parasites of some selected freshwater geol fishes in Bangladesh</u> <u>Print</u>	3 Years	22.4

	Sonargaon Road, Pollashy- Nilkhet, Dhaka-1205 01707399506 ritaparveen_07@yahoo.com.au			
326	SD2017372 Prof M. Rezaul ISLAM Poverty and inequality Professor, Institute of Social Welfare & Research, University of Dhaka, Dhaka-1205 01763983451 rezauldu@gmail.com Co-investigator: Mr A K M Monirul Islam 21/F Polashi Govt.Quarter Polashi ,Dhaka -1205 01715496670 monirul.shagor@gmail.com	Poverty and inequality in Bangladesh: Regional disparity in terms of income, land ownership, education and social opportunities in particular reference to the Sustainable Development Goals (SSDGs) Print	3 Years	19.4
327	LS2017469 Prof M. Imdadul Hoque Plant Biotechnology Plant Breeding & Biotechnology Laboratory, Department of Botany, University of Dhaka, Dhaka-1000, Bangladesh +8801711-224350 mimdadul07@gmail.com Co-investigator: Prof Dr. Rakha Hari Sarker Department of Botany, University of Dhaka, Dhaka-1000 +8801711547429 rhsarker2000@yahoo.co.uk	Development and Validation of Fungal Disease Resistant Peanut (Arachis hypogaea L.) Generated Through Agrobacterium-mediated Genetic Transformation Print	3 Years	20.4
328	LS2017326 Dr. MD. ABDUR RASHID Natural Product Chemistry, Phytochemistry, Bioassay of plant extracts, Spectroscopy, Evaluation of s Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Mokarram Hossain Khondoker Biggan Bhaban, University of Dhaka, Dhaka- 1000, +8801711947741 rashidma@du.ac.bd	Chemical Constituents, Bioactivities, Germination Characteristics and Propagation of Three Endangered Plant Species of Bangladesh Print	3 Years	26.4

	Co-investigator: Mr Akhtaruzzaman Chowdhury Assistant Professor, Chemistry, Govt. Bangla College, Mirpur, Dhaka, & Secretary General, Endangered Plants and Animals Conservation Foundation, Bangladesh (EPAC Foundation), 22/10 Iqbal Road, Mohammadpur, Dhaka-1207 +880171160129 akhtarcy@yahoo.com			
329	SD2017441 Dr. Md. Saiful Malak special and inclusive education Department of Special Education Institute of Education and Research (IER) University of Dhaka Dhaka-1000 Bangladesh 01749689199 saiful.malak@du.ac.bd Co-investigator: Prof Diba Hossain Department of Special Education Institute of Education and Research (IER) University of Dhaka Dhaka-1000 Bangladesh 01726111403 diba_h@yahoo.com	<u>Preparing secondary schools for inclusive education: understanding teachers' attitudes, efficacy beliefs and perceived school support system for teaching students with disabilities in regular classrooms</u> <u>Print</u>	3 Years	8.4
330	LS2017313 Prof Md. Anwar Hossain Microbial Genetics and Bioinformatics Department of Microbiology University of Dhaka Dhaka-1000 (88) 02-9661920-73 ext. 7735, hossaina@du.ac.bd Co-investigator: Dr. Munawar Sultana University of Dhaka, Dhaka-1000 (88) 01553636825 munawar@du.ac.bd	<u>Association of Microbiomes in Clinical Bovine Mastitis: An Approach of Identification and Characterization of Pathogens Involved in Infection</u>	3 Years	30.4
331	LS2016266 Prof Dr. Naheed Zeba Genetics and Plant Breeding Department of Genetics and Plant Breeding, Sher-e-Bangla Agricultural University, Dhaka-	<u>Intergeneric and intraspecific hybridization of tomatillo (Physalis ixocarpa Brot./Physalis phyladelphica Lam.)</u>	3 Years	17.4

	1207 01913091772 naheed0359@yahoo.com Co-investigator: Prof Dr. Mohammad Saiful Islam Professor Dr. Mohammad Saiful Islam Department of Genetics and Plant Breeding, Sher-e-Bangla Agricultural University, Dhaka-1207 01742843195 saiful_sau@yahoo.com	<u>and tomato (Solanum lycopersicum L.) followed by marker assisted selection based on their agromorphogenic and nutritional traits.</u> <u>Print</u>		
332	LS2016270 Dr. ABUL Hasnat Muhammad SOLAIMAN Department of Horticulture Sher-e-Bangla Agricultural University (SAU) DHAKA-1207 01711054215 solaimansau@gmail.com Co-investigator: Mr Mohammad Shahjahan Assistant Professor, Dept of Horticulture, SAU, Dhaka Department of Horticulture Faculty of Agriculture Sher-e-Bangla Agricultural University Dhaka-1207, Bangladesh Cell: +880-1671035251 01613336645 shahjahansau@gmail.com	<u>Climate Smart Agriculture: Assessment the effectiveness of producing safe vegetables to encourage farmers for ensuring the safety and quality of vegetables in farmers' field of Singair at Manikgonj Dist</u> <u>Print</u>	3 Years	16.4
333	LS2016281 Prof Mohammed Abu Sayeed Endocrinology – diabetes and cardiovascular disease Ibrahim Medical College, Dhaka BSMMU, Dhaka BIRDEM Hospital, Dhaka 122 Kazi Nazrul Islam Avenue, Shahbag, Dhaka 1000 +8801819409480 sayeed1950@gmail.com Co-investigator: Dr. Tahniyah Haq	<u>Prevalence of metabolic syndrome in relation to vitamin D deficiency and cardiovascular disease in Bangladesh: a multicentre study</u> <u>Print</u>	3 Years	20.4

	Department of Endocrinology, BSMMU, Shahbagh, Dhaka 1000 +8801677791735 tahniyah81@gmail.com			
334	LS2017424 Prof Sajal K Banerjee MEDICINE- CARDIOLOGY Dept. of Cardiology, BSMMU, Dhaka Bangabandhu Sheikh Mujib Medical University (BSMMU),Shahbag, Dhaka, 1000 01711594017 drsajalk2003@yahoo.com Co-investigator: Dr. Rana M Hossain Dept. of Nephrology, Bangabandhu Sheikh Mujib Medical University (BSMMU),Shahbag, Dhaka, 1000 8614545-50(ext4320) rm_hossain@yahoo.com	Hypertension, Diabetes and Kidney Disease Detection Survey in Rural Bangladesh and their Association with Traditional and Nontraditional Risk Factors Print	3 Years	20.4
335	PS2017388 Dr. Muhammad Rakibul Islam Solid State Physics, Nanotechnology Department of Physics, Bangladesh University of Engineering and Technology (BUET), Dhaka-1000, Bangladesh 01721701097 rakib01@gmail.com Co-investigator: Prof Md. Forhad Mina Department of Physics, Bangladesh University of Engineering and Technology (BUET), Dhaka-1000 01727265238 mfmina@phy.buet.ac.bd	Synthesis and characterization of carbon nanotube- polymer nanocomposite for energy storage applications Print	3 Years	16.4
336	MRS2017464 Dr. Zobair Ibn Awal Accident Analysis, Maritime Safety, Safety Science Department of Naval Architecture & Marine Engineering (NAME) Bangladesh University of Engineering & Technology (BUET) Dhaka 1000, Bangladesh +8801779021091 zobair@name.buet.ac.bd	Risk Factors Associated with Cargo Vessels and Passenger Vessels Head on Collisions Accidents in the Inland Waterways of Bangladesh Print	3 Years	14.4

	Co-investigator: Prof Mohammad Mahbub Alam Talukder Accident Research Institute (ARI) Bangladesh University of Engineering and Technology (BUET) Dhaka-1000 +8801711374870 mahbubbibek@gmail.com			
337	PS2016288 Dr. Mohammad Mostafizur Rahman Organic Synthesis and natural product Chemistry Associate Professor, Department of Chemistry, Jagannath University, Dhaka-1100 01758488399 mmrahmanju1978@yahoo.com Co-investigator: Dr. Md. Aminul Haque Associate Professor, Department of Chemistry, Jagannath University, Dhaka- 1100 01711287600 amin2k4@yahoo.com	Synthesis of gabazine based 1,6-dihydro-6- iminopyridazines and their insecticidal activities against insect GABA receptors Print	3 Years	18.4
338	LS2017450 Dr. Md. Shohidul Alam Natural toxins; Recombinant Toxins Production and Purification; Molecular Biology; Genetic Engineeri Department of Agricultural Chemistry, Bangladesh Agricultural University, Mymensingh- 2202 +8801711450731 shohidul.alam@bau.edu.bd Co-investigator: Ms Mousumi Akter Mrs. Mousumi Akter, Assistant Professor, Department of Agricultural Chemistry, Bangladesh Agricultural University, Mymensingh 2202 & Ph.D. fellow, Interdisciplinary Centre for Food security, Bangladesh Agricultural University, Mymensingh 2202 +8801715108644 mousumi.akter@bau.edu.bd	Detection and Management of Mycotoxin Contamination in Poultry Feeds and Products Print	3 Years	17.4
339	SD2017459 Prof Shubash Chandra Das	Production performance and	3 Years	22.4

	Rearing of specialized fowls (turkey, guinea fowl, quail etc.) for poverty reduction Department of Poultry Science BAU, Mymensingh Bangladesh 88-01732-758024 das_poultry@yahoo.com Co-investigator: Dr. Md. Shahidur Rahman Associate Professor Department of Poultry Science Faculty of Animal Husbandry Bangladesh Agricultural University Mymensingh 2202, Bangladesh +8801700636155 msrahman.poultry@bau.edu.bd	<u>profitability of rearing turkeys in Bangladesh</u> <u>Print</u>		
340	LS2016280 Dr. Mohammad Mohi Uddin Department of Animal Nutrition, Faculty of Animal Husbandry Bangladesh Agricultural University 01818429023 mohammad.uddin@bau.edu.bd Co-investigator: Dr. Md. Salauddin Palash Dr. Md. Salauddin Palash Associate Professor Dept. of Agribusiness and Marketing Bangladesh Agricultural University, Mymensingh +8801712187166 palash@bau.edu.bd	<u>Improvement of dairy farming systems in the major milk shed areas of Bangladesh: Implications for nutritional, economic and environmental impacts</u> <u>Print</u>	3 Years	19.4
341	SS2017335 Prof Dr. Md. Taj Uddin Agricultural Economics Department of Agricultural Economics Bangladesh Agricultural University, Mymensingh-2202 88-091-67401/extn. 2723 (O.), 01714357803 tajbau@yahoo.com Co-investigator: Prof Dr. Md. Abdul Mojib Department of Irrigation and Water Management Bangladesh Agricultural University, Mymensingh-2202 88-091-67401/extn. 2856 (O.), 4856 (R.), 88-01714-418756 (Mobile) ma_mojib@yahoo.com	<u>Water Saving Technologies in Bangladesh Crop Farming : Socioeconomic and Environmental Perspective</u> <u>Print</u>	3 Years	20.4

342	LS2016289 Prof Dr. Md. Rashidul Islam Plant Bacteriology and Biotechnology, Department of Plant Pathology, Bangladesh Agricultural University, Mymneswingh-2202 +8801741112529 rasha740177@yahoo.com Co-investigator: Prof Md. Ayub Ali Department of Plant Pathology Bangladesh Agricultural University Mymensingh-2202 +8801790192620 ayubali.ppath@bau.edu.bd	Holistic approach to control citrus greening, an emerging threat for expansion of citrus cultivation in Bangladesh Print	3 Years	22.4
343	LS2017412 Prof Md. Abdul Kader Salinity stress physiology; plant biotechnology; rice agronomy Department of Agronomy Bangladesh Agricultural University Mymensingh 2202 01724828058 abdul.kader@bau.edu.bd Co-investigator: Prof Lutful Hassan Department of Genetics and Plant Breeding, Bangladesh Agricultural University, Mymensingh 01715091096 lutfulhassan@yahoo.co.uk	Development of salinity tolerant rice cultivar through transformation of high affinity potassium transporter and Na⁺/H⁺ antiporter genes Print	3 Years	20.4
344	LS2017360 Dr. Md. Shafiqul Islam Bacteriology (Motility, chemotaxis and energetics of Leptospira), Molecular Biology Department of Microbiology and Hygiene, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh-2202. +8801717-364049 shafiqdvm@yahoo.com Co-investigator: Prof Md. Shahidur Rahman Khan Department of Microbiology and Hygiene Faculty of Veterinary Science	First time isolation and molecular characterization of circulating Leptospira species in dairy cattle and human in some selected areas of Bangladesh Print	3 Years	19.4

	Bangladesh Agricultural University, Mymensingh P.O. Box 2202 +8801717-171329 msrkhan001@yahoo.com			
345	LS2017354 Prof Mohammad Moniruzzaman Animal Science Department of Animal Science Bangladesh Agricultural University Mymensingh-2202 01726491107 monir.as@bau.edu.bd Co-investigator: Mr Md. Bodruzzaman Sarker Department of Animal Science Bangladesh Agricultural University Mymensingh-2202 091-67401-6/2620 bilubau@bau.edu.bd	Development of estrus synchronization protocol for indigenous buffaloes in Bangladesh Print	3 Years	20.4
346	LS2017344 Dr. Md. Rezaul Karim Molecular biology and biotechnology, postharvest physiology of fruits and vegetables, hormonal regul Department of Horticulture Bangladesh Agricultural University, Mymensingh-2202 +880-91- 67401-6 Ext 6478; Mob01731486337 mrkarim1996@yahoo.com Co-investigator: Dr. Most. Alataf-Un- Nahar Assistant Professor, Department of Biotechnology EXIM Bank Agriculture University Bangladesh, Chapai Nawabgonj +880-781-53525 to 29 Ext. 203; Mobile: +880-1961 096902 altaf.nahar@yahoo.com	Morpho-Molecular Characterization and Development of Improved Postharvest Handling Techniques for Mango in Bangladesh Print	3 Years	19.4
347	LS2017411 Prof Md. Harun-ur Rashid Dairy Microbiology and Biotechnology Laboratory of Dairy Microbiology and Technology Department of dairy Science	Development of pure starter culture by isolating lactic acid bacteria from natural flora for the	3 Years	22.4

	Bangladesh Agricultural University, Mymensingh-2202 +88 01720 381581 mrashid_69@yahoo.com Co-investigator: Dr. Mohammad Ashiqul Islam Department of Dairy Science Bangladesh Agricultural University, Mymensingh- 2202 +88 01712 428472 m.a.islam@bau.edu.bd	manufacture of novel functional dairy foods Print		
348	LS2017317 Dr. Mohammad Golam Farouque Agricultural extension and rural development Department of Agricultural Extension Education Faculty of Agriculture Bangladesh Agricultural University Mymensingh-2202 +88-091-67401-6 extn. 6561 farouque25@bau.edu.bd Co-investigator: Dr. Md. Rezaul Karim Department of Horticulture Faculty of Agriculture Bangladesh Agricultural University Mymensingh-2202 +88-091-67401-6 extn.2477 mrkarim@yahoo.com	Capacity Building of Farmers on Low-external-inputs Vegetable Cultivation for Enhancing Food Safety and Security Print	3 Years	20.4
349	LS2017398 Dr. Mst. Minara Khatun Bacteriology, Zoonotic disease, Food Safety Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh +8801717979814 mmkhatun@bau.edu.bd Co-investigator: Dr. Md. Ariful Islam Head, Department of Microbiology and Hygiene, Bangladesh Agricultural	Prevalence and characteristics of food poisoning bacteria in ready to eat (RTE) foods in some selected areas of Bangladesh Print	3 Years	20.4

	University, Mymensingh-2202, Bangladesh +8801711390939 islamma@bau.edu.bd			
350	LS2017391 Prof Dr. Mohammad Mahir Uddin Entomology (Eco-friendly Insect Pest Management) Department of Entomology, Bangladesh Agricultural University, Mymensingh-2202 01747629072 mahir@bau.edu.bd Co-investigator: Ms Naznin Nahar Department of Entomology, Bangladesh Agricultural University, Mymensingh-2202 01720320525 nnaznin_entom@yahoo.com	Sustainable Management of Major Sucking Insect Pests of Vegetables through Biorational Insecticide based IPM Packages Print	3 Years	20.4
351	LS2017393 Dr. Md. Shahjahan Reproductive Neuroendocrinology, Ecotoxicology, Water Quality Management in Aquaculture Department of Fisheries Management, Bangladesh Agricultural University, Mymensingh-2202 01718-590903 mdshahjahan@bau.edu.bd Co-investigator: Dr. Md. Sadiqul Islam Department of Fisheries Biology and Genetics, Bangladesh Agricultural University, Mymensingh-2202 01726-559543 sadiqul1973@yahoo.com	Molecular approaches to study the effects of temperature on growth and reproduction of ruhu Labeo rohita Print	3 Years	19.4
352	LS2017380 Prof KHM Nazmul Hussain Nazir Anthrax, Bacteriology, Molecular Microbiology, Mycology Department of Microbiology and Hygiene, Faculty of Veterinary Science, Bangladesh Agricultural	An integrated approach to establish an anthrax-free model area in Bangladesh Print	3 Years	16.4

	University, Mymensingh-2202 +8801712620151 nazir@bau.edu.bd Co-investigator: Prof Dr. Md. Asaduzzaman Sarker Department of Agricultural Extension Education, Faculty of Agriculture, Bangladesh Agricultural University, Mymensingh-2202 +8801712156488 masarker@bau.edu.bd			
353	LS2017365 Dr. A. K. Shakur Ahammad Aquatic Molecular Biology and Biotechnology Fish Genetics Laboratory and Wet Laboratory under Department of Fisheries Biology and Genetics, Bangladesh Agricultural University, Mymensingh-2202 +8801719599249 sahammad09@yahoo.com Co-investigator: Dr. Mohammad Mahfujul Haque Professor, Dept. of Aquaculture, BAU, Mymensingh-2202, Bangladesh +8801712006293 mmhaque1974@yahoo.com	Restoration of indigenous koi (Anabas testudineus) through high quality seed production by line breeding trial in Bangladesh Print	3 Years	16.4
354	SS2017451 Dr. Mohammad Saidur Rahman Agricultural Economics, Economics of Irrigation Management, Rice Economics Department of Agricultural Economics Bangladesh Agricultural University Mymensingh-2202 008801733980428 saidurbau@yahoo.com Co-investigator: Mr A. K. M. Abdullah Al-Amin A. K. M. Abdullah Al-Amin Assistant Professor, Department of Agricultural Economics, Bangladesh Agricultural University, Mymensingh-2202,	The Financial Analysis of Using Solar Panel and its Impact on Farmers' Income in Some Selected Areas of Bangladesh Print	3 Years	27.4

	Bangladesh +88 01733980428 alamininaers@gmail.com			
355	LS2017342 Dr. AKM Zakir Hossain Plant Physiology and Molecular Biology, Environmental Chemistry Department of Crop Botany, Faculty of Agriculture, Bangladesh Agricultural University, Mymensingh-2202 +8801713113559 zakir@bau.edu.bd Co-investigator: Dr. Md. Sabibul Haque Department of Crop Botany, Faculty of Agriculture, Bangladesh Agricultural University, Mymensingh-2202 +88 01716 06 17 45 mshaqcb@bau.edu.bd	Production Potentials of Sunflower Germplasms in Salt Affected Areas towards Food Security in Bangladesh Print	3 Years	18.4
356	LS2017357 Prof Dr. Md. Atiqur Rahman Khokon Genetics of Plant Pathogens, Molecular bio-signaling, Breeding for Disease Resistance, Diagnostic p Bio-signaling laboratory, Department of Plant Pathology, Seed Pathology Center (SPC) and Central Lab, Bangladesh Agricultural University Mymensingh-2202 +88-01742133655 atiq.ppath@bau.edu.bd Co-investigator: Mr Md. Zahangir Alam Md. Zahangir Alam Assistant Professor Department of Plant Pathology Bangladesh Agricultural University Mymensingh-2202	Genetic diversity analysis of rice blast pathogen for developing sustainable management Print	3 Years	18.4

	+88-01750444817 jewelbau066@gmail.com			
357	LS2017387 Prof Dr. Md. Bazlur Rahman Mollah Applied Molecular Bioscience Poultry Biotechnology and Genomics Laboratory, Department of Poultry Science, Bangladesh Agricultural University, Mymensingh. Mymensingh-2202 +8801711304172 mbrmollah.ps@bau.edu.bd Co-investigator: Prof Dr. Md. Shahidul Islam Department of Biotechnology Bangladesh Agricultural University Mymensingh- 2202 +8801738867466 shahidj1@yahoo.com	Evaluation and characterization of short peptides as potential alternatives to synthetic amino acids in poultry Print	3 Years	19.4
358	LS2017361 Prof Dr. Md. Shahidur Rahman Khan Microbiology and public health Department of Microbiology and Hygiene, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh-2202. 01717171329 msrkhan001@yahoo.com Co-investigator: Dr. Md. Shafiqul Islam Associate Professor, Dept. of Microbiology and Hygiene, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh- 2202, Bangladesh. +8801717364049 shafiqdvm@yahoo.com	Development and Validation of Vaccine Candidates for the Control of Bacterial Mastitis in Dairy Cattle of Bangladesh Print	3 Years	17.4
359	LS2017431 Prof Dr. Md. Amir Hossain Plant Molecular Biology, Stress Physiology and Plant Breeding Dept. of Genetics and Plant Breeding Bangladesh Agricultural University, Mymensingh 2202	Development of drought tolerant lentils for enhancing its productivity in drought prone areas of Bangladesh Print	3 Years	19.4

	+880 1743-747508 amir04@gmail.com Co-investigator: Prof Dr. Ahmed Khairul Hasan Department of Agronomy, BAU, Mymensingh-2202 +8801711315723 ahmedbau@gmail.com			
360	LS2017334 Dr. Md. Anisur Rahman Mazumder Associate Professor, Department of Food Technology and Rural Industries, Faculty of Agricultural Engineering and Technology, Bangladesh Agricultural University, Mymensingh-2202 01754146918 anis.engg@bau.edu.bd Co-investigator: Dr. Abdullah Iqbal Associate Professor, Department of Food Technology and Rural Industries, Faculty of Agricultural Engineering and Technology, Bangladesh Agricultural University, Mymensingh-2202 01712555485 iqbal21155@bau.edu.bd	Rapid and Low Cost Process Development for Commercial Production of Soya Sauce Print	3 Years	19.4
361	LS2016268 Dr. Hari Pada Seal Department of Agricultural Chemistry Faculty of Agriculture Bangladesh Agricultural University, Mymensingh-2202 01716540603 hari53nov@gmail.com Co-investigator: Dr. Md. Akhter Chowdhury Department of Agricultural Chemistry, Faculty of Agriculture , Bangladesh Agricultural University, Mymensingh-2202 01816526869 Akhterbau11@gmail.com	Development of sustainable production technology for natural food grade dye from bixa orellana (Doi gota) and related analysis of extracts and final products Print	3 Years	19.4
362	LS2017453	Seed production of gangetic leaf fish,	3 Years	17.4

	Prof. Dr. Nahid Sultana Lucky Dept. of Fisheries Biology and Genetics Bangladesh Agricultural University Mymensingh-2202, Bangladesh 01714419508 nahidlucky@gmail.com Co-investigator: Dr. A.K. Shakur Ahammad Associate Professor, Dept. Fisheries Biology & Genetics, Bangladesh Agricultural University, Mymensingh-2202 +8801719599249 sahammad09@yahoo.com	<u>Nandus nandus through domestication and induced breeding</u> <u>Print</u>		
363	LS2017369 Dr. Md. Shawkat Ali Poultry Meat and Meat Product Department of Poultry Science and Department of Animal Science, Bangladesh Agricultural University Mymensingh-2202 01717838105 mdshawkatali@hotmail.com Co-investigator: Dr. Md. Abul Hashem Dr. Md. Abul Hashem, Professor, Department of Animal Science, Faculty of Animal Husbandry Bangladesh Agricultural University, Mymensingh-2202 01721310621 hashem_mdabul@yahoo.com	<u>Development of different value added meat products from poultry and beef</u> <u>Print</u>	3 Years	17.4
364	LS2017394 Prof Md. Taohidul Islam Department of Medicine, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh-2202 01912910338 taohid@bau.edu.bd Co-investigator:	<u>Production and evaluation of anti-PPRV sera against Peste des petits ruminants in goats</u> <u>Print</u>	3 Years	19.9

	Dr. Mohammad Ferdousur Rahman Khan Department of Microbiology & Hygiene, BAU, Mymensingh 01717785674 frkhanbau80@yahoo.com			
365	LS2017407 Dr. Mohammad Ashiqul Islam Department of Dairy Science Bangladesh Agricultural University Mymensingh-2202 Bangladesh +88-091-67407 ext. 66418 m.a.islam@bau.edu.bd Co-investigator: Prof Dr. Md. Harun-Ur- Rashid Department of Dairy Science Bangladesh Agricultural University Mymensingh- 2202 Bangladesh +88-091-67407 ext. 2664 mrashid_69@yahoo.com	Food safety – Development of milk nitrogen based novel methods for detecting the milk adulteration Print	3 Years	16.4
366	LS2017402 Dr. Auvijit Saha Apu Department of Animal Breeding and Genetics Faculty of Animal Husbandry Bangladesh Agricultural University Mymensingh-2202 +880-1756107289 auvijit.bau@gmail.com Co-investigator: Prof Shubash Chandra Das Department of Poultry Science Faculty of Animal Husbandry Bangladesh Agricultural University Mymensingh- 2202 +8801732758024 das_poultry@yahoo.com	Characterization, Conservation and Improvement of Indigenous Aseel Chicken of Bangladesh Print	3 Years	19.4
367	LS2017347 Prof Sharif-Ar Raffi	Development of Synthetic Hexaploid	3 Years	19.4

	Dept. of Genetics and Plant Breeding Bangladesh Agricultural University Mymensingh 2202 +880 1711 225251 saraffi@bau.edu.bd Co-investigator: Prof M. Javidul Haque Bhuiyan Dept. of Biochemistry and Molecular Biology Bangladesh Agricultural University, Mymensingh 2202 01718084131 abir062003@gmail.com	<u>Wheat (SHW): A new avenue of improving cultivated wheat for grain quality, biotic and abiotic stress tolerances</u> <u>Print</u>		
368	LS2017379 Prof A.K.M. Golam Sarwar Plant Systematics and Molecular Biology, Biodiversity & Conservation Bangladesh Agricultural University, Mymensingh-2202 01727-432435 drsarwar@bau.edu.bd Co-investigator: Dr. Md. Sabibul Haque Department of Crop Botany, Bangladesh Agricultural University, Mymensingh-2202 01716-061745 mshaqcb@bau.edu.bd	<u>Collection and characterization of flax genetic resources for high value fibre production</u> <u>Print</u>	3 Years	18.9
369	LS2017356 Prof Md. Alamgir Hossain Stress Physiology in Cereal Crops Department of Crop Botany, Bangladesh Agricultural University, Mymensingh-2202 +8801760178541 alamgircbot@bau.edu.bd Co-investigator: Dr. Md. Sabibul Haque Department of Crop Botany, Bangladesh Agricultural University, Mymensingh-2202 +8801716061745 mshaqcb@bau.edu.bd	<u>Screening of wheat genotypes for drought tolerance based on physiological and biochemical attributes</u> <u>Print</u>	3 Years	19.4

370	SD2017389 Dr. Mohammad Belal Uddin Conservation Science Department of Forestry and Environmental Science, Academic Building E, Room no. 112 Shahjalal University of Science and Technology Sylhet- 3114, Bangladesh +880-821-713491 (extn. 605) belal405@yahoo.com Co-investigator: Mr Monir Uddin Ahmed Department of Economics, Shahjalal University of Science and Technology, Sylhet-3114, Bangladesh. +880-821-713491 (Extn.252) monir-eco@sust.edu	<u>Forests to the People- Does Decentralization Ensures Improved Forest Health and Socio-economic Condition?-An Ecological and Economic Analysis for Sustainable Forest Management in Bangladesh</u> <u>Print</u>	3 Years	19.9
371	LS2017346 Prof Mohammad Jakir Hosen Department of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology, Sylhet-3114, Bangladesh 01777195857 jakir-gen@sust.edu Co-investigator: Prof Md. Kamrul Islam Department of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology, Sylhet-3114, Bangladesh 01716439353 kamrul-gen@sust.edu	<u>Study the prevalence and consequence of consanguineous marriage in Bangladeshi population: focus on genetic diseases</u> <u>Print</u>	3 Years	14.4
372	LS2016267 Prof Dr. Md. Abdul Baset Department of Animal Nutrition Faculty of Veterinary, Animal and Biomedical Sciences, Sylhet Agricultural University, Sylhet 3100	<u>System modeling for the development of community dairy buffalo in haor areas of Bangladesh</u> <u>Print</u>	3 Years	20.4

	01716 037070 mabaset1968@gmail.com Co-investigator: Prof Dr. Md. Jasim Uddin Department of Animal Nutrition, Faculty of Veterinary, Animal and Biomedical Sciences, Sylhet Agricultural University, Sylhet 3100 01911 720221 jasimsau@gmail.com			
373	PS2017376 Prof Dr. Md. Zakir Hossain Impact Studies of various Development and Demographic Issues Department of Statistics, Shahjalal University of Science & Technology Sylhet-3114, Bangladesh. 01711140801 mzhossain.bds@gmail.com Co-investigator: Dr. Jasim Uddin Ahmed Associate Professor of Economics, OSD- DSHE, Bangladesh, Dhaka. 01552428545 a.jasimuddin@yahoo.com	<u>Reducing the Errors in the Measurement of Food Security in Bangladesh through Development and Implementation of an Innovative Method</u> <u>Print</u>	3 Years	20.4
374	LS2016286 Prof Romel Ahmed Plant Genetics Laboratory and Nursery at the Department of Forestry and Environmental Science and Plant Genetics laboratory at the Department of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology (SUST), Sylhet- 3114,. 01874934514 romel-fes@sust.edu Co-investigator: Prof Md. Shamsul Haque Prodhan Department of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology (SUST), Sylhet- 3114, Bangladesh	<u>Generating high yielding variety of agro-forestry crop Cucurbita maxima (Pumpkin) through forward genetic approach</u> <u>Print</u>	3 Years	19.4

	/617, 01735948380 shamsulhp-btc@sust.edu/ shamsulhp@yahoo.com			
375	LS2017462 Prof Md Abu Reza Snake venom proteomics (ii) Molecular Biology and Protein Science Laboratory, Room no: 406, Department of Genetic Engineering and Biotechnology University of Rajshahi, Rajshahi-6205, Bangladesh +8801717728189 reza.gen@ru.ac.bd Co-investigator: Ms Ronok Zahan Department of Pharmacy, 4th Science Building, Level # 2, University of Rajshahi, Rajshahi-6205, Bangladesh 8801712649777 zahanronok@gmail.com	Evaluating the efficacy of the antivenom used in Bangladesh against the bite treatment of Russel's viper and biochemical characterization of its venom Print	3 Years	17.4
376	LS2017421 Dr. Nafisa Azmuda Environmental Microbiology Department of Microbiology, Jahangirnagar University, Savar, Dhaka-1342 8801733017735 n_azmuda@hotmail.com Co-investigator: Dr. Nihad Adnan Department of Microbiology, Jahangirnagar University, Savar, Dhaka- 1342 8801705709910 nihad_adnan@yahoo.com	Environmental Shigella-like bacteria from tropical surface waters; assessment of evolutionary and serological relationships through genome analysis Print	3 Years	14.9
377	LS2017442 Prof Saleh Ahammad Khan Department of Botany, Jahangirnagar University, Savar, Dhaka-1342, 01717506007 salehju@yahoo.com Co-investigator: Prof Gazi Mosharof Hossain Plant Ecology Lab. Department of	Impacts of Climate Change on Plant Species Diversity and Richness, Vegetation Cover and Habitat Fragmentation in the Plain Lands of Bangladesh Print	3 Years	16.4

	Botany Jahangirnagar University Savar, Dhaka-1342 01715370388 gazibotju@gmail.com			
378	LS2017337 Dr. Md. Amdadul Haque Associate Professor, Department of Agro-processing Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) Gazipur-1706 01734867879 amdad115@gmail.com Co-investigator: Dr. Md. Ahiduzzaman Associate Professor, Department of Agro-processing Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) Gazipur-1706 01829766894 ahid72@yahoo.com	Improving child-nutrition intake by fortifying children's food with jackfruit seeds proteins and minerals Print	3 Years	20.4
379	PS2017434 Dr. Hasan Abdullah Remote sensing and GIS for Natural Resource Management GIS and Remote sensing LAB., Department of Agroforestry and Environment, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706 +8801767695926 hasan.abdullah@bsmrau.edu.bd Co-investigator: Prof Tofayel Ahmed Department of Agroforestry and Environment, Bangabandhu Sheikh Mujibur Rahman Agricultural University Gazipur 1706 01556322553 tofayela@gmail.com	Geoinformatics for social forestry coverage estimation in Bangladesh Print	3 Years	16.4
380	LS2017351 Prof Dr. M. Moynul Haque Department of Agronomy,	Development of Blackgram Variety Tolerant to Soil Flooding	3 Years	17.4

	Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur-1706 +8801711-908640 moynul60@yahoo.com Co-investigator: Dr. Md. Moshiul Islam Associate Professor, Department of Agronomy, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur-1706 +8801712-132019 hiraagron@yahoo.com	Print		
381	LS2017443 Dr. Kaisar Ali Talukder Department of Biotechnology and Genetic Engineering, Mawlana Bhashani Science and Technology University, Santosh, Tangail-1902, Bangladesh. +8801715105703 katalukdar@yahoo.com Co-investigator:	Surveillance of new variants of Shigella and Shigella-like organisms (SLOs) and their characterization. Print	3 Years	19.4
382	LS2016260 Prof Mahbubur Rahman Micropropagation of medicinal and rare plants, Secondary metabolite production and phytoch Department of Botany University of Chittagong 01815515097 mmrahman11@yahoo.com Co-investigator: Dr. Animesh Biswas Department of Botany University of Chittagong 4331 Bangladesh 01717736051 animeshmedp@yahoo.com	Isolation, screening and characterization of secondary metabolites from selected medicinal plants through callus and cell culture towards commercial feasibility Print	3 Years	18.4
383	LS2017355 Prof Mohammed Yousuf Elahi Department of Medicine and Surgery, Chittagong Veterinary	Molecular characterization of PPR virus and development of cross	3 Years	18.4

	and Animal Sciences University, Khulshi, Chittagong-4225, Bangladesh +88-01742103038 dalim2000@gmail.com Co-investigator: Dr. Pankaj Chakraborty Department of Medicine and Surgery, Chittagong Veterinary and Animal Sciences University, Khulshi, Chittagong-4225, Bangladesh +88-01712976747 pcb23m@yahoo.com	<u>protective recombinant vaccine using conserved epitope against circulating lineages of PPR virus for goats in Bangladesh</u> <u>Print</u>		
384	LS2017343 Dr. Md. Mer Mosharraf Hossain Associate Professor Department of Fisheries and Marine Bioscience Jessore University of Science and Technology (JUST) Jessore-7408, Bangladesh. Mobile: 01731143787 mmiron_bau@yahoo.com Co-investigator: Prof Dr. Md. Anisur Rahman Dr. Md. Anisur Rahman Professor Department of Fisheries and Marine Bioscience Jessore University of Science and Technology (JUST) Jessore-7408, Bangladesh. Mobile: 01710814526 01710814526 anis_1963@yahoo.com	<u>Early and rapid molecular detection of acute hepatopancreatic necrosis syndrome (AHPNS) in Penaeus monodon for development of immunosuppressive therapy</u> <u>Print</u>	3 Years	19.4
385	LS2017324 Prof ABDUL GAFFAR MIAH Department of Genetics and Animal Breeding, Hajee Mohammad Danesh Science and Technology University, Dinajpur-5200 01784973090 agmiah2009@gmail.com Co-investigator: Prof Ummay Salma Chairman, Department of Animal	<u>Conservation and germplasm cryobanking of native chicken genetic resources of Bangladesh</u> <u>Print</u>	3 Years	18.4

	Science and Nutrition, Hajee Mohammad Danesh Science and Technology University, Dinajpur- 5200 01727696043 usalma2007@yahoo.com			
386	SD2017460 Dr. S. M. Kamrul Hasan Associate Professor Department of food Processing and Preservation Hajee Mohammad Danesh Science and Technology University Dinajpur- 5200, Bangladesh +8801712646107 hasan.kamrul@hstu.ac.bd Co-investigator: Mr Shakti Chandra Mondal Mr Shakti Chandra Mondal Assistant Professor Department of food Processing and Preservation Hajee Mohammad Danesh Science and Technology University Dinajpur- 5200, Bangladesh +880 1716728278 scmondal@hstu.ac.bd	Encapsulation of Nutraceuticals with Green Technologies Print	3 Years	19.4
387	LS2016282 Dr. Md. Atikul Islam, Professor Environmental Science Discipline Khulna University, Khulna 9208, Bangladesh +88 01735577787 atikku_es@yahoo.com Co-investigator: Dr. Md. Azharul Islam Dr. Md. Azharul Islam, Associate Professor, Forestry and Wood Technology Discipline, Khulna University, Khulna 9208, Bangladesh +88 01723 910280 iazharul@gmail.com	Phytoremediation potential of indigenous plant species for wastewater contaminated soil in Bangladesh Print	3 Years	19.4
388	LS2016284 Prof Mahmood Hossain Forestry and Wood Technology Discipline, Khulna University,	Selection of perennial plant species for silvo-fisheries culture in the highly saline	3 Years	19.4

	Khulna -9208, Khulna 01718135166 mahmoodhossain@hotmail.com Co-investigator: Prof AZM Manzoor Rashid Department of Forestry and Environmental Science, Shajalal University of Science & Technology 01711-302555 pollen_forest@yahoo.com	influenced Ecological Critical Areas (ECA) of the Sundarbans Print		
	Total			8157.12

2020-21					
Sl. no	PCN Number	Project Title	Applicant & Co-Investigator Information		Total Tk. (Lac)
389	SS2017588	The Emerging Pattern of Rural Non-farm Sector: issue and evidence from Bangladesh	Applicants Information Dr Abul Kashem Mohammad Jamal Uddin, Department of Sociology, 4th Floor, Social Science Building, University of Dhaka, +880-01919409109 akmjamiluddin2001@gmail.com Co-investigators Information Dr Sabina Sharmin Department of Sociology, Jagannath University, Bangladesh,01711582556		15.00
390	SS2017589	Need Assessment in Education for the children with Autism: Status and challenges in the Special Schools in Bangladesh	Applicants Information Dr Farhana Begum Dept. of Anthropology, Kalabhaban, University of Dhaka, Dhaka, 01751633375, farhanabg@yahoo.com Co-investigators Information Dr Zobaida Nasreen		15.00

			Dept. of Anthropology, University of Dhaka, Dhaka 01765461204		
391	LS2018689	Community driven breeding approach using Brahman inheritance for the genetic improvement of indigenous cattle for beef production	Applicants Information Prof Md. Azharul Hoque Department of Animal Breeding and Genetics, Bangladesh Agricultural University, Mymensingh 2202, Bangladesh 01713680427 (Mobile) azharhoque@yahoo.com Co-investigators Information Prof Mohammad Mujaffar Hossain Department of Animal Science, Bangladesh Agricultural University (BAU), Mymensingh 2202, Bangladesh 01715474269 (mobile) mmh_bau2009@yahoo.com		15.00
392	SS2017475	Sustainable Development and inclusive growth through promoting localized agro-based industries	Applicants Information Prof. Dr. M.M. Akash Department of Economics, Social Science Faculty, University of Dhaka, +880711847650 akashmokaddem@gmail.com Co-investigators Information Prof. Dr. Shafique uz Zaman Bureau of Economic Research, Arts Faculty Building 2nd Floor, University of Dhaka +8801552471518 shafiquezaman55@yahoo.com		15.00
393	LS2018697	Performance of tropical sugarbeet as influenced by Zinc	Applicants Information Dr Swapan Kumar Paul		18.00

		and Boron micronutrients	Associate Professor, Department of Agronomy, Faculty of Agriculture, Bangladesh Agricultural University, Mymensingh 2202 +88-01752792457 skpaul@bau.edu.bd Co-investigators Information Dr Md. Harun-Ar-Rashid Professor, Department of Agronomy, Faculty of Agriculture, Bangladesh Agricultural University, Mymensingh		
394	SS2017586	An Overview on National Strategy for the Development of Quality Data for Monitoring and Reporting the Achievement of SDGs Indicators in Bangladesh	Applicants Information Dr Nehal Karim Department of Sociology, 4th Floor, Social Science Building, University of Dhaka, 01552448286, sociodu2013@gmail.com Co-investigators Information Dr Salma Begum Department of Sociology, 4th Floor, Social Science Building, University of Dhaka, +88-01863833577 sociodu2013@gmail.com		12.00
395	LS2018677	Population dynamics of the palaemonid prawn <i>Macrobrachium villosimanus</i> in the Payra River, southern Bangladesh	Applicants Information Dr Ferdous Ahamed Department of Fisheries Management, Patuakhali Science and Technology University, Dumki, Patuakhali-8602 01732943860ferdous@pstu.ac .bd		15.00

			Co-investigators Information Dr. Md. Ariful Alam Associate Professor Department of Fisheries Biology and Genetics, Patuakhali Science and Technology University, Dumki, Patuakhali-8602 01715483066 arif.genetics@pstu.ac.bd arif.genetics@gmail.com		
396	LS2018732	Genetic Analysis for Salt Tolerance in Rice (Oryza sativa L.)	Applicants Information Prof A. K. M. Aminul Islam Department of Genetics and Plant Breeding, Faculty of Agriculture +8801715401519 pulak292003@yahoo.com Co-investigators Information Dr Mohammad Sharif Raihan Department of Genetics and Plant Breeding, Faculty of Agriculture +8801552495640 sharifdgp@yahoo.com		20.00
397	LS2017576	Antimicrobial Resistance (AMR) Genomics in Poultry Food Chain-from Farm to Dining Table	Applicants Information Dr Shamsun Nahar Department of Microbiology, Jahangirnagar University, Savar, Dhaka-1342 01819117155 nahar@juniv.edu Co-investigators Information Prof Abu Syed Md. Mosaddek Department of Pharmacology, Uttara Adhunik Medical		18.00

			College, Uttara, Dhaka 01711483814 drmosaddek25@gmail.com		
398	LS2018666	Microscopic investigation of wood formation: focusing artificial application of water in Tecotona grandis in Bangladesh	Applicants Information Prof SHAHANARA BEGUM DEPARTMENT OF CROP BOTANY, FACULTY OF AGRICULTURE, BAU, MYMENSINGH, +8801716504060 shahanarab@bau.edu.bd Co-investigators Information Dr MD AZHARUL ISLAM Department of Environmental Science, Faculty of Agriculture, BAU, Mymensingh, 1719993555 maislam@bau.edu.bd		15.00
399	LS2017539	Ostrich is a promising poultry species for alternative protein source in Bangladesh: Study on its adaptability and feasibility of commercial production based on improved nutrition	Applicants Information Prof Ummay Salma Dept. of Animal Science and Nutrition, HSTU, Dinajpur-5200, 01727696043 usalma2007@yahoo.com Co-investigators Information Dr Mohammad Saiful Islam Associate Professor, Dept. Medicine, Surgery and Obstetrics, HSTU, Dinajpur-5200, 01715193518 saifulhstu@gmail.com		15.00
400	LS2018659	Chemical perspective of wheat blast disease outbreak and its integrated management strategy in Bangladesh	Applicants Information Dr K.M. Mohiuddin Professor, Department of Agricultural Chemistry, BAU, Mymensingh, 1818675646 mohiagchem@gmail.com		20.00

			Co-investigators Information Islam Hamim Assistant Professor, Department of Plant Pathology, BAU, Mymensingh , +880- 01634455567 smonjil@yahoo.com		
401	LS2018695	Carbon stocks of coastal mangrove plantations in Bangladesh: implications on REDD+	Applicants Information Dr Md. Nabiul Islam Khan Forestry and Wood Technology Discipline, Khulna University, Khulna - 9208, Bangladesh +8801715-331652 nabiulkhan@gmail.com Co-investigators Information Dr Abdus Subhan Mollick Forestry and Wood Technology Discipline, Khulna University, Khulna - 9208, Bangladesh +88 01712-506982 amsubhan@hotmail.com		15.00
402	LS2018707	Development of Meat Type Duck Through Reciprocal Crossing Suitable for Semi-Scavenging System in Bangladesh	Applicants Information Dr Mohammad Shamsul Alam Bhuiyan Professor, Department of Animal Breeding and Genetics, Bangladesh Agricultural University, Mymensingh-+88 01745748849, Tel. (office): +88 091 67401-6/66117 msabhuiyan@gmail.com Co-investigators Information Dr Md. Shawkat Ali		20.00

			Professor, Department of Poultry Science, Bangladesh Agricultural University, Mymensingh-2202. Mobile: +88 01717838105, Tel. (office): +88 091 67401-6/6676 mdshawkatali@hotmail.com		
403	PS2017553	Study on Characteristics of Lightning Flash and Associated Hydrometeors	Applicants Information Dr Md. Rafi Uddin Professor, Department of Physics, Bangladesh University of Engineering and Technology (BUET), Dhaka, 01712234188 rafiuddin@phy.buet.ac.bd Co-investigators Information Dr Nasreen Akter Professor, Department of Physics, Bangladesh University of Engineering and Technology (BUET), Dhaka-1000, 01711265979 nasreenakter@phy.buet.ac.bd		15.00
404	LS2018733	Development of blood based Biomarker from cell free DNA for diagnosis of early breast cancer	Applicants Information Dr Gazi Nurun Nahar Sultana Centre for Advanced Research in Sciences (CARS), University of Dhaka +8801713066848 nngazi@gmail.com Co-investigators Information Dr Rumana Akther Jahan Centre for Advanced Research in Sciences (CARS) University of Dhaka +8801827171949 rumanaafi@yahoo.com		15.00
405	LS2018636	Study the subtype specific prevalence of	Applicants Information		18.00

		Human papillomavirus (HPV) and candidate marker gene expression analysis in retrospectively collected oral carcinoma samples from Bangladesh.	Dr MD REZAUL KARIM Department of Biotechnology and Genetic Engineering, Jahangirnagar University, Savar, Dhaka 1342, 01823654692 mrkarimcu@gmail.com, rkarimcu@juniv.edu Co-investigators Information Dr. Abdullah Al Mahmud, BDS, FCPS Assistant Professor Dept. of Conservative Dentistry & Endodontics Sapporo Dental College & Hospital 01712207793 Shawonmahmud0212@gmail.com		
406	SD2017530	Automation and control of nitrogen removal as well as reduction of greenhouse gas (N ₂ O) emission from high nitrogen contain wastewater	Applicants Information Prof Md Salatul Islam Mozumder Department of Chemical Engineering and Polymer Science, Shahjalal University of Science and Technology, Sylhet 3114, +8801631606101 msimozumder@gmail.com Co-investigators Information Mr Shaiful Alam Amin Department of Chemical Engineering and Polymer Science, Shahjalal University of Science and Technology, Sylhet 3114, +8801717466578		15.00
407	LS2018716	Evaluation of antioxidant and antimicrobial activities of seaweed	Applicants Information Prof A. K. M. Azad Shah Department of Fisheries		18.00

		extracts and their application in fish processing	Technology, Faculty of Fisheries, BSMRAU, Gazipur-1706 +880-1714-555678 azad@bsmrau.edu.bd Co-investigators Information Ms Murshida Khan Department of Fisheries Technology, Faculty of Fisheries, BSMRAU, Gazipur-1706 +880-1779-313160 murshida.fish2014@gmail.com		
408	LS2018687	Development of BHK-1 cell based chip for electrochemical detection of FMD infection	Applicants Information Dr Md. Abdul Kafi Professor, Dept. of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh. +8801717007975 makafi2003@bau.edu.bd Co-investigators Information Dr Md. Shafiqul Islam Associate Professor, Dept. of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh. +8801717364049 shafiqmicro@gmail.com		18.00
409	LS2017534	Breeding of diversified components lines for new hybrid rice in Bangladesh	Applicants Information Prof Md. Golam Rasul Dept of Genetics and Plant Breeding, BSMRAU, Gazipur 01715401448 mdgolam60@yahoo.com Co-investigators		18.00

			Information Prof A K M Aminul Islam Dept of Genetics and Plant Breeding, BSMRAU, Gazipur 01715401513 aminulgpb@bsmrau.edu.bd		
410	LS2018640	Development of storage structures, containers and packages for preservation of high moisture local fresh fruits and vegetables	Applicants Information Dr Md. Sazzat Hossain Sarker Professor, Department of Food Engineering and Technology, Hajee Mohammad Danesh Science & Technology University, Dinajpur-5200, 01705950003,mshsarker_hstu@yahoo.com Co-investigators Information Dr S. M. Kamrul Hasan Associate Professor, Department of Food Processing and Preservation, HMDSTU, Dinajpur-5200, 01712646107, hasan.kamrul@hstu.ac.bd		20.00
411	LS2018734	Assessing fish and shellfish species diversity of the Meghna river estuary and connected sea area by DNA barcoding	Applicants Information Prof Kazi Ahsan Habib Department of Fisheries Biology and Genetics, Sher-e-Bangla Agricultural University, Dhaka. 01713682290 ahsan.sau@gmail.com Co-investigators Information Dr AM Shahabuddin Department of Aquaculture, Sher-e-Bangla Agricultural University, Dhaka. 01835950573 amsuddin@yahoo.com		20.00

412	LS2017583	Assessment of stability of vitamin A in fortified edible oils and rice during prolong storage and heating	Applicants Information Dr Rokeya Begum Associate Professor Dept. of Food Technology and Nutritional Science MawlanaBhashani Science and Technology University Santosh Tangail, +8801711588314 rokeya15@yahoo.com Co-investigators Information Mr Md. Nannur Rahman Dept. of Food Technology and Nutritional Science MawlanaBhashani Science and Technology University Santosh Tangail , +8801718851861		20.00
413	LS2018699	Detection of fish-borne zoonotic trematodes, the type 1 bio-carcinogen, from marketed fishes in Bangladesh	Applicants Information Prof Anisuzzaman Dept. of Parasitology, Bangladesh Agricultural University (BAU), Mymensingh-2202, Bangladesh. +8801711044593 zaman.a.bau@gmail.com Co-investigators Information Dr Muhammad Mehedi Hasan Dept. of Fisheries Technology, BAU, Mymensingh-2202, Bangladesh. +8801712673149 zaman.a.bau@gmail.com		18.00
414	LS2017575	Bio-organic Fertilizer and Bio-pesticide Exploration from Natural Resources for Safe Food Production and Environment	Applicants Information Prof Dr. Md. Abul Hossain Molla Dept. of Environmental Science, BSMRAU, Gazipur-		10.00

		Conservation	1706 H/P: 01819132761 ahmolla60@gmail.com and ahmolla@bsmrau.edu.bd Co-investigators Information Prof Prof. Dr. Md. Ramiz Uddin Miah Dept. of Entomology, BSMRAU 01991333933 ramizmiah@yahoo.co.uk		
415	SS2017577	Assessing the Effects of Indian Satellite Television Channels on Bangladesh Culture and the Cultural Industry	Applicants Information Dr Abu Bhuiyan Department of Television, Film, and Photography, Faculty of Social Sciences University of Dhaka, 880- 1731803632 abhuiyan@du.ac.bd Co-investigators Information Ms Sheikh Sultana Department of Television, Film, and Photography, Faculty of Social Sciences, University of Dhaka, 880- 1777402010		10.00
416	SD2017521	Development of ecofriendly wet processing techniques of cotton fabrics by ultrasonic treatment for sustainable textile production	Applicants Information Prof Mohammed Mizanur Rahman Professor, Department of Applied Chemistry and Chemical Engineering, University of Dhaka, +8801710417260 mizanur.rahman@du.ac.bd Co-investigators Information Dr Abul Khayer Mallik		20.00

			Assistant Professor, Dept of Applied Chemistry and Chemical Engineering, DU, 01754223776, abulkmallik@yahoo.com		
417	LS2017618	Investigation of vaccine potential of in silico designed peptide vaccine against possible outer membrane proteins of Shigella Spp.	Applicants Information Dr K. M. Kaderi Kibria Department of Biotech and Genetic Engineering, Mawlana Bhashani Science and Technology University, Santosh, Tangail, 01816819466, km_kibria@yahoo.com Co-investigators Information Dr Md. Imam Hossain Department of Biotech and Genetic Engineering, Mawlana Bhashani Science and Technology University, Santosh, Tangail, 01716509018		18.00
418	LS2017572	Autism prevention at early stage by endogenous phospholipid mediated therapy: a mechanistic approach	Applicants Information Dr Md. Mahbubur Rahman SAC 1059, Plot 15, Block B, Bashundhara Residential Area, Bashundhara, Dhaka +8801534350917 rahman.mahbubur@northsout h.edu Co-investigators Information Dr Saquiba Yesmine Savar, Dhaka -1342, +8801715014867 s.yesmine@juniv.edu		10.00
419	LS2017609	Developing sustainable disease management strategies for safe vegetable production	Applicants Information Prof Mohammad Shahjahan Monjil		15.00

		in Bangladesh	Department of Plant Pathology, BAU, Mymensingh-2202, 1989700735 smonjil@yahoo.com Co-investigators Information Prof Mohammad Delwar Hossain Department of Plant Pathology, BAU, Mymensingh-2202, 1745684948 delwarmhossain@gmail.com		
420	LS2018718	Production and Characterization of Monoclonal Antibodies (mAbs) Against Dengue ED3 Variants	Applicants Information Dr Md. Kabir Department of Biochemistry and Molecular Biology, Faculty of Biological Sciences, Chittagong University, Chittagong 4331 +8801786233770 mgkabir73@gmail.com Co-investigators Information Dr Mohammad Islam Department of Biochemistry and Molecular Biology, Faculty of Biological Sciences, Chittagong University, Chittagong 4331 01750180422 islammm@cu.ac.bd		18.00
421	LS2017541	Identification of a safe fixative to reduce public health hazards of formalin used for study and research in Bangladesh	Applicants Information Prof Ziaul Haque Department of Anatomy and Histology, BAU, Mymensingh 01793641483 zhaqueah80@bau.edu.bd Co-investigators		18.00

			Information Prof Md. Rabiul Karim Department of Anatomy and Histology, BAU, 01703810075		
422	LS2017505	Control of Brucellosis, a zoonotic disease in selected dairy farms	Applicants Information Prof Dr. Md. Mokbul Hossain Department of Pathology, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh +8801715154694 mmhossain04@yahoo.com.au Co-investigators Information Dr Tahmina Ruba Assistant Professor, Department of Pathology, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh, 01738092461		10.00
423	LS2017474	Citrus canker diseases in Sylhet region: Epidemiology, Quality degradation and Management approaches	Applicants Information Dr AHM Mahfuzul Haque Department of Plant Pathology and Seed Science, Faculty of Agriculture, Sylhet Agricultural University, Sylhet 3100 +88 01712 154073 mahfuzprc@gmail.com Co-investigators Information Dr Dr. Md. Monirul Islam Department of Plant Pathology and Seed Science, Faculty of Agriculture, Sylhet Agricultural University, +88 01719340541 mmislambau@gmail.com		18.00

424	LS2018737	Eco-friendly and sustainable management of major insect pests of cucurbitaceous vegetables through holistic approach with special emphasis on non-chemical methods and biorational pesticides	Applicants Information Prof Dr. Gopal Das Department of Entomology, Bangladesh Agricultural University, Mymensingh-2202. Phone: 091-66016-18-64317, Mobile: 01749-285388 gopal_entom@yahoo.com Co-investigators Information Mr Tarikul Islam Assistant Professor, Department of Entomology, Bangladesh Agricultural University, Mymensingh-2202. Phone: 091-66016-18-64317, Mobile: 01721-204164 tarik.bau280.ti@gmail.com		15.00
425	LS2018700	Characterization of rhizospheric bacterial diversity and development novel multi heavy metal-transforming bacteria arising from arsenic, lead, nickel and chromium polluted soils of Bangladesh	Applicants Information Dr. Md. Mahmudul Hasan Department of Nutrition and Food Technology, Jessore University of Science and Technology, Jessore -7408, Bangladesh +88-01745440034 drhasan_nft@just.edu.bd Co-investigators Information Dr. Md. Hasibur Rahman Assistant Professor, Department of Environmental Science and Technology, Jessore University of Science and Technology, Jessore-7408, Bangladesh +88-01775482102 hasib_esrm@hotmail.com		18.00
426	LS2018644	Banana Pseudostem weevil	Applicants Information		15.00

		Odoiporus longicollis Oliver (Coleoptera: Curculionidae, a major pest of banana and its ecofriendly management for food security.	Prof Mahbuba Jahan Department of Entomology, Bangladesh Agricultural University, Mymensingh 01716370732, mjahan_bau@yahoo.com Co-investigators Information Prof Khandakar Shariful Islam Department of Entomology, Bangladesh Agricultural University, Mymensingh 01716370732, ksharif_bau@yahoo.com		
427	LS2017573	Environmental fate of water and nutrient applied in agricultural land as affected by water management techniques	Applicants Information Prof M. G. Mostofa Amin Department of Irrigation and Water Management, Bangladesh Agricultural University, Mymensingh 2202 Mobile +8801712536494, Land Phone +880 91 67401-6 Ext 68307 mostofa.amin@bau.edu.bd Co-investigators Information Prof Md. Delwar Hossain Department of Agronomy, Bangladesh Agricultural University, Mymensingh 2202 +8801712297541		18.00
428	PS2017594	Eco-friendly Bio-fuel Production from Municipal Solid Waste and Non-edible Seed	Applicants Information Dr Mohammad Ismail Assistant Professor, Dept. of Applied Chemistry & Chemical Engineering, University of Dhaka, Dhaka-		15.00

			1000 (880-2) 9661920-59/7381, 01553845400(Mobile) m.ismail@du.ac.bd Co-investigators Information Dr Kawnish Kirtania Assistant Professor, Department of Chemical Engineering, BUET, Dhaka- 1000 01740026349 kkdwip@che.buet.ac.bd		
429	PS2017552	New azamacrocyclic ligands and their metal complexes: synthesis, characterization and biological activities	Applicants Information Prof Tapashi Ghosh Roy Department of Chemistry, University of Chittagong, Chittagong-4331 01817720252, 01790884078 tapashir57@gmail.com Co-investigators Information Prof Debashis Palit Department of Chemistry, University of Chittagong, Chittagong-4331 01715277774 debpalit@yahoo.com		18.00
430	LS2017563	Management of blast, brown spot and bakanae diseases of rice by seed treatment with atmospheric pressure plasma	Applicants Information Prof Md. Mahmodol Hasan Professor, Department of Agronomy and Agricultural Extension, RU 8801739824746 mahmudul742001@yahoo.co m Co-investigators Information		18.00

			Prof Md. Belal Hossain Professor, Department of Agronomy and Agricultural Extension, RU, 8801712523422 mbelal72@yahoo.com		
431	PS2017537	Eco-friendly Synthesis of Metal oxide Nano Particles and their Potential Applications	Applicants Information Prof Dr. Md. Ashaduzzaman Dept. of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka 1000, 01680773734, 01750445997 azaman.du@gmail.com/ azaman01@du.ac.bd Co-investigators Information Prof Dipti Saha Dept. of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka 01731368869 dipti1993@yahoo.com		15.00
432	LS2018683	Supplementation of detergent soap to entomopathogenic fungi formulations (Beauveria bassiana and Metarhizium anisopliae) for improving efficacy against papaya mealybug	Applicants Information Prof Mohammed Abul Monjur Khan Department of Entomology, Bangladesh Agricultural University, Mymensingh-2202 +8801768598881 mamkhanbd@hotmail.com Co-investigators Information Ms Naznin Nahar Department of Entomology, Bangladesh Agricultural University, +8801720320525 nnaznin_entom@yahoo.com		15.00
433	SD2018720	ICT for Inclusive Classroom: Knowledge, Attitude and Practice of	Applicants Information Prof Dr. Diba Hossain Department of Special		15.00

		Primary school teachers in Bangladesh	Education, Institute of Education & Research University of Dhaka +88 01726-111403 diba_h@yahoo.com Co-investigators Information Ms RayhanaraZaman Syed Ismail Hossain SirajiBhaban (1st floor) University of Rajshahi, Rajshahi-6205 01729-326913 raz@ru.ac.bd		
434	LS2018628	Deep Bedded Pack system in manure management for environment friendly animal and safe food production in Bangladesh	Applicants Information Prof A. K. M. Ahsan Kabir Department of Animal Science, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh, +88 01716 227 339 ahsankabiras@bau.edu.bd Co-investigators Information Prof Dr. Md. Mukhlesur Rahman Department of Animal Science, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh		25.00
435	LS2017584	INVESTIGATION OF LEUKOTRIENE B4 RECEPTOR ANTAGONISTS FROM BANGLADESHI MEDICINAL PLANTS FOR TREATING AND PREVENTING ASTHMA AND	Applicants Information Dr Md. Zakir Sultan Centre for Advanced Research in Sciences (CARS), University of Dhaka, Dhaka-1000 01739666816, 018421217975 zakir.sultan@du.ac.bd		20.00

		RESPIRATORY INFLAMMATION	Co-investigators Information Dr Md. Asaduzzaman Shishir Centre for Advanced Research in Sciences (CARS), University of Dhaka, Dhaka- 1000 01556616495 shishir.mb@gmail.com		
436	SD2017565	Measurement of adaptation gaps among the stakeholders to climate change shocks in Haor agriculture	Applicants Information Prof Md. Awal Department of Crop Botany, Bangladesh Agricultural University, Mymensingh 2202 (091) 67401-6 Ext 2517, Cell: 01720343625 awalma7@bau.edu.bd Co-investigators Information Prof Md. Rahman Department of Crop Botany, Bangladesh Agricultural University, Mymensingh 2202 01718718998 mshahidur2002@yahoo.com		17.00
437	LS2017601	MACHINE VISION SYSTEM FOR PRECISION FERTILIZER MANAGEMENT IN AGRICULTURE	Applicants Information Dr Md. Hamidul Islam Associate Professor, Department of Farm Power & Machinery, Bangladesh Agricultural University, Mymensingh- +8801712863879 (Mobile) hamidfpm@bau.edu.bd Co-investigators Information Dr Md. Rostom Ali Professor, Department of Farm Power & Machinery,		20.00

			Bangladesh Agricultural University, Mymensingh-2202. +8801716311747 (Mobile) rostomfpm@bau.edu.bd		
438	LS2017605	Evaluating the pattern of traditional and nontraditional lipid markers in population and their association with cardiovascular risk factors	Applicants Information Prof M Iqbal Arslan Dept of Biochemistry and Mol Biology BSMMU, 01714113388 iqbalarslan@yahoo.com; kdrghd@yahoo.com Co-investigators Information Dr Dipal K Adhikary Dept. of Cardiology, Bangabandhu Sheikh Mujib Medical University BSMMU, 01841-019229 , dka_1965@yahoo.com		25.00
439	LS2017507	Up scaling and field validation of bio-rational based integrated management packages against major insect pests of vegetable in the farmer's field to produce safe food	Applicants Information Dr TAHMINA AKTER Professor, Department of Entomology, Sher-e-Bangladesh Agricultural University, Sher-e-Bangla nagar, Dhaka-1207 01911-237290 tahmina_sauento@yahoo.com Co-investigators Information Dr MOHAMMED ALI Professor, Department of Entomology, Sher-e-Bangladesh Agricultural University, Sher-e-Bangla nagar, 01711-606445		20.00
440	LS2017536	Toxicity of agriculturally derived pesticides on reproduction and	Applicants Information Prof Dr. Harunur Rashid		18.00

		biodiversity of freshwater fishes	Department of Fisheries Management, Bangladesh Agricultural University, Mymensingh-2202 01924429971 rashid@bau.edu.bd Co-investigators Information Mr Kizar Ahmed Sumon Department of Fisheries Management, Bangladesh Agricultural University, Mymensingh, 01729525641 kizar@bau.edu.bd		
441	LS2017506	Development of molecular based system and stock characterization of hilsa shad, Tenualosa ilisha for sustainable production and management in the natural environments of Bangladesh	Applicants Information Prof Dr. Md. Faruque Miah Dept. of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology, Sylhet 01712865321 faruque-btc@sust.edu Co-investigators Information Dr. Asif Iqbal Associate Professor. Dept. of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology, Sylhet 01717552542, asif_abg@yahoo.com		20.00
442	LS2017574	Evaluation of Mungbean Genotypes for Growing Under Drought Stress	Applicants Information Dr Md. Moshiul Islam Associate Professor, Department of Agronomy, BSMRAU +8801712132019, hiraagron@yahoo.com Co-investigators		20.00

			Information Dr Md. Arifur Rahman Khan Department of Agronomy, (BSMRAU), Gazipur 01716712504, arifkhanbsmrau@gmail.com		
443	PS2017562	Chemical and Morphological Characteristics of Particulate Matter Suspended in the Air of the different dusty environment of Bangladesh	Applicants Information Prof Shahid Akhtar Hossain Air Quality Research and Monitoring Laboratory, Centre for Advanced Research in Sciences (CARS), University of Dhaka, Dhaka, (880-2) 9661920-59/7489, 01712667575 (Mobile), sahossain@du.ac.bd Co-investigators Information Dr Muhammad Nurul Huda Air Quality Research and Monitoring Laboratory, Centre for Advanced Research in Sciences (CARS), University of Dhaka, Dhaka, 01717165146		20.00
444	LS2017531	Molecular screening and characterization of blast resistance genes in Rice	Applicants Information Dr G.H.M. SAGOR Plant Molecular Genetics Laboratory, Dept. of Genetics & Plant breeding, BAU Mymensingh , +8801779896137 sagorgpb@gmail.com Co-investigators Information Dr Muhammed Ali Hossain Dept. of Plant pathology, Bangladesh Agricultural University, Mymensingh +8801737412881 alihossain.bau@gmail.com		17.00

445	LS2018710	Exploring anthelmintic resistance and molecular analysis of some economically important gastrointestinal nematode parasites of cattle in Bangladesh	Applicants Information Prof Mohammad Zahangir Alam Dept. of Parasitology, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh-2202 +8801746611162 mzalam@bau.edu.bd Co-investigators Information Dr Anita Rani Dey Dept. of Parasitology Faculty of Veterinary Science Bangladesh Agricultural University Mymensingh-2202 +8801721858591 anitadey.dpp.vet@gmail.com		10.00
446	MS2018691	Fisheries species diversity and abundance of Chalan Beel through establishment of fish sanctuary	Applicants Information Prof Delwer Hossain Department of Fisheries University of Rajshahi. 01719474476 delwer.ru@gmail.com Co-investigators Information Dr Afroza Khanom Department of Fisheries University of Rajshahi. 01925428491 daakhanom@gmail.com		15.00

447	LS2017495	Medical Waste Management in Bangladesh Hospital: Practices, Assessment and Recommendation	Applicants Information Prof Mohd. Mainul Haque Department of Zoology, Rajshahi University, Rajshahi 01712441284 mhaque@ru.ac.bd Co-investigators Information Dr Aruna Biswas Additional Secretary, Secondary & Higher Education Division, Ministry of Education, Bangladesh Secretariat, Dhaka, Bangladesh 01716193710 biswasaruna61@gmail.com		18.00
448	LS2018664	Zinc and iron enrichment in lentil-rice-tomato cropping system	Applicants Information Prof Md. Akhter Hossain Chowdhury Department of Agricultural Chemistry, BAU, Mymensingh, 01712-29-4646 akhterbau11@gmail.com Co-investigators Information Prof Kartik Chandra Saha Department of Agricultural Chemistry, BAU, Mymensingh, 01552-46-2074 kartikchem@yahoo.com		20.00
449	PS2018731	Development of Cost-effective Environmental Benign Protective Reactive Barrier (PRB) for sustainable treatment of industrial waste water of Bangladesh	Applicants Information Prof Dr Ahmed Jalal Farid Us Samed Professor, Department of Chemistry, Shahjalal University of Science and Technology, Sylhet, 01712-174049 ajf-che@sust.edu, ajfsamed@gmail.com Co-investigators Information Prof Dr. Md Rezwan Miah Professor, Department of Chemistry, Shahjalal University of Science and Technology, Sylhet-2114, Bangladesh 01746055891, mrmche@yahoo.com		15.00
450	LS2017607	Evaluating Therapeutic Outcomes in	Applicants Information Prof Sarwar Iqbal		22.00

		Bangladeshi Type 2 Diabetic Subjects with Major Macro and Micro Vascular Complications	: Dept. of Nephrology, Room 1404, 14th Floor Bangladesh Institute of Research Rehabilitation in Endocrine and Metabolic Disorders (BIRDEM), Shahbag,Dhaka 01715005113,sarwariqbal2003@yahoo.com Co-investigators Information Dr Rana M Hossain Dept. of Nephrology, Room 333, Block C, 2nd Floor, BSMMU, Shahbag 01711377478, ranamokarram@gmail.com		
451	SS2017615	Vicious Cycle of Poverty in Haor Region of Bangladesh: Impact of Formal and Informal Credit	Applicants Information Prof Dr. Md. Nazrul Islam Member, SUST Research Centre, Shahjalal University of Science & Technology, Sylhet-3114, 01712817424 dnislam69@gmail.com Co-investigators Information Prof Dr.Md. Zakir Hossain Director, SUST Research Centre, Shahjalal University of Science & Technology, Sylhet, 01711140801		15.00
452	LS2017617	Effects of insulin on breast cancer growth and proliferation among diabetic patients in Bangladesh	Applicants Information Dr Salima Akter Room No: F-08, Department of Medical Biotechnology, Bangladesh University of Health Sciences, 01717228486; 01829399834, salimaakter@yahoo.com; salima_2015@buhs.ac.bd Co-investigators Information Dr Abul Fajol Room No: E-12, Department of Physiology and Molecular Biology, Bangladesh University of Health Sciences, 01834707603		20.00

			abul_fajol@yahoo.com		
453	LS2018672	Effects of Trigonella Foenumgracum and Oyster Mushroom on the signal transduction pathway of glucose uptake in muscle and adipose tissues of type 2 diabetic model rats	Applicants Information Dr Md. Omar Faruque Department of Nutrition and Food Technology, Jessore University of Science and Technology, Jessore 7408, 1709818105 faruquenft@just.edu.bd Co-investigators Information Prof Begum Rokeya 125/1 Darus Salam Road, Mirpur-1, Dhaka 1216, 880 1711811350 b_rokeya@yahoo.com		22.00
454	LS2018686	Bridging the gap between exposures to antimicrobial resistance in the environment and impact to human health.	Applicants Information Prof Dr.Md. Tanvir Rahman Department of Microbiology and Hygiene, Faculty of Veterinary Science, Bangladesh Agricultural University,, Mymensingh 2202 Off. + 88-091-67401-6/ Ext. 6385, Mobile. 01913323307, tanvirahman@bau.edu.bd, tanvirahman@gmail.com Co-investigators Information Prof Dr.Md. Taohidul Islam Department of Medicine, Faculty of Veterinary Science, Bangladesh Agricultural University,, Mymensingh Off. + 88-091-67401-6/ Ext. 6366, Mobile. 01912910338, taohid@bau.edu.bd		22.00
455	SS2018620	Entrepreneurship education for the development of entrepreneurial competencies: A study on the secondary level education of Bangladesh	Applicants Information Dr Mohammad Thoufiqul Islam Faculty of Business Studies, University of Dhaka 01713130808, 01717044316 thoufiq@du.ac.bd Co-investigators Information Dr Altaf Jalil		15.00

			Faculty of Business Studies, Dhaka University, 01819448383, 01717044316ajalil@du.ac.bd		
456	PS2018663	Synthesis of organic surfactant modified silver nanoparticles by sol-gel method and rheology study of concentrated nanofluids for the requirement of nanoink preparation	Applicants Information Dr Muhammad Zamir Hossain Department of Chemistry, Jagannath University, Dhaka, 01723793466 zamir@chem.jnu.ac.bd Co-investigators Information Dr Mohammad Razibul Haque Akanda Department of Chemistry, Jagannath University, Dhaka, 01947478274 rhakanda@gmail.com		10.00
457	LS2018706	Study on the single nucleotide polymorphisms of cognitive-neuro-development genes for prediction, severity assessment and inheritance pattern of autism spectrum disorder in Bangladeshi population	Applicants Information Dr Basana Rani Muhuri Professor, Department of Pediatric Nephrology, Chittagong Medical College +88031616550; Mobile: +8801819318127 drbasanamuhuri@gmail.com Co-investigators Information Dr Laila Khaleda Associate Professor, Department of Genetic Engineering and Biotechnology, University of Chittagong +880312606001-14, Ext. 4414; Mobile: +8801742809249 lkankhi@gmail.com		15.00
458	LS2017560	Seroprevalence and genetic characterization of Toxoplasma gondii in Bangladeshi population.	Applicants Information Dr Md. Taibur Rahman Department of Biochemistry and Molecular Biology, Carzon Hall street, University of Dhaka, 01794780439, taibur@du.ac.bd Co-investigators Information Dr Md Atiqur Rahman Department of Biochemistry and		20.00

			Molecular Biology, University of Dhaka, 01768681612 atique303@gmail.com		
459	SD2017597	To Study Energy Use Pattern and Potential Energy Saving Opportunities by Industrial and Commercial Consumers	Applicants Information Dr Md. Shafiqul Islam Department of Nuclear Engineering, Curzon Hall, Dhaka-1000 :+8801712042483, msislam@du.ac.bd Co-investigators Information Dr S.M. Nasif Shams Energy Institute, University of Dhaka, +8801983444555 nasifshams@gmail.com		18.00
460	LS2017544	Application of eco-friendly Plasma technology for enhancing seed germination, growth and yield of crops	Applicants Information Prof Md. Mamunur Rashid Talukder Plasma Science and Technology Lab., Room# 123, Department of Applied Physics and Electronic Engineering, 1st Science Building, Level # 1, University of Rajshahi, 0721 711572, mrtalukder@ru.ac.bd Co-investigators Information Mr Md. Khalid-Bin-Ferdaus Khandaker Department of Genetic Engineering and Biotechnology, 3rd Science Building, Level # 4, RU, 01717 253919, kmkbferdaus@gmail.com		20.00
461	PS2017535	Optical Spectroscopic Investigation of Organic Semiconductors for Photovoltaics	Applicants Information Prof Nazia Chawdhury Department of Physics, Shahjalal University of Science and Technology, Sylhet-3114, +880 821 713491 EXT-495, nc-phy@sust.edu Co-investigators Information Prof Abdul Hannan Department of Physics, Shahjalal University of Science and Technology,		20.00

			Sylhet-3114, +88 0821 714479 Ext-492		
462	LS2017564	Antibacterial Peptides from Bangladeshi Plants of Solanaceae Family: A Systematic Investigation for Identification, Isolation and Characterization of Novel Cyclotides	Applicants Information Dr Shaikh Jamal Uddin Associate Professor, Pharmacy Discipline, Khulna University, Khulna-9208 01711337375 (mobile) uddinsj@yahoo.com Co-investigators Information Prof Jamil Ahmad Shilpi Professor, Pharmacy Discipline, Khulna University, Khulna-9208 +880-41-725876, 01910010054 (mobile) jamilshilpi@yahoo.com		20.00
463	LS2018717	In Vitro Screening and Marker Assisted Selection for Salinity Tolerance in Wheat (Triticum aestivum L.)	Applicants Information Prof Md. Shahidul Haque Department of Biotechnology, Bangladesh Agricultural University, Mymensingh 2202 01716066503 haquems@bau.edu.bd Co-investigators Information Prof Sabina Yesmin Department of Biotechnology, Bangladesh Agricultural University, Mymensingh 2202 01712850786 sabina.yesmin@bau.edu.bd		20.00
464	LS2018661	Antibiotic efflux potential of intestinal E. coli and some pathogenic bacteria and study of the effect of efflux pump inhibitors on enhancing therapeutic efficiency of antibiotics	Applicants Information Prof Md. Hasibur Rahman Department of Microbiology, Jahangirnagar University, Savar , Dhaka, 88-01711048107 hasiburku@yahoo.com Co-investigators Information Dr Md Shahinur kabir Department of Botany, Jahangirnagar		18.00

			University, Savar , Dhaka-1342, 88-0191412737 sha_kabir@yahoo.com		
465	SD2018645	Facile synthesis of visible light responsive nonmetal doped TiO2 for the photocatalytic degradation of textile dye	Applicants Information Prof Md. Shajahan Department of Chemistry, Jagannath University, Dhaka, 01813500513 jahanms@chem.jnu.ac.bd Co-investigators Information Prof Shamsun Naher Department of Chemistry, Jagannath University, Dhaka, 01720250388		20.00
466	SS2018726	: Climate Change related Water Borne Diseases Burden: A Study in the Coastal Communities of Bangladesh	Applicants Information Dr Md. ShabbirMostafa Khan Department of Water Resource Engineering, Bangladesh University of Engineering and Technology ((BUET), Dhaka, 01911554088 mostafakhan@wre.buet.ac.bd Co-investigators Information Dr Mohammad MahbubAlamTalukder Accident Research Institute (ARI),Bangladesh University of Engineering and Technology (BUET), Dhaka-1000 01711374870 mahbubbibek@gmail.com		18.00
467	LS2018765	Studying the role of probiotics as potential biotherapeutics for cervical intraepithelial neoplasia	Applicants Information Prof Md. Shahbuddin Kabir Choudhuri Department of pharmacy, Jahangirnagar University, Savar, Dhaka, +880-2-01818052358 mskchoudhuri@yahoo.com Co-investigators Information Dr. Zinat Rehana Department of pharmacology, UttaraAdhunik Medical College, House:34, Road:04, Sector:09, shonargaonJanapath, Dhaka,		20.00

			Bangladesh, +8801711172721 zinatrehana050@gmail.com		
468	LS2018763	Pathogenic variation, molecular characterization, evolution and physiologic races of <i>Pyriculariaoryzae</i> Cava ra and searching resistant rice sources against rice blast.	Applicants Information Dr F. M. Aminuzzaman Department of Plant Pathology Faculty of Agriculture, Sher-e-Bangla Agricultural University Dhaka. 01733717936 aminsaupp@yahoo.com Co-investigators Information Dr Nazmoon Naher Tonu Department of Plant Pathology Faculty of Agriculture, Sher-e-Bangla Agricultural University, Dhaka. +88 01823255050 tonu717@yahoo.co.in		21.00
469	LS2018762	Extraction and Characterization of health promoting phytochemicals from Black berry fruits and their application in food product development	Applicants Information Dr Maruf Ahmed Department of Food Processing and Preservation 88-01750777899 maruf@hstu.ac.bd Co-investigators Information Dr Md. Azizul Haque Department of Biochemistry and Molecular Biology +8801761106098 helalbmb2016@hstu.ac.bd		21.00
470	LS2018758	Biomass (Wheat straw) degradation by hyperthermophilic glycoside hydrolases from <i>Caldicellulosiruptor</i> sp.	Applicants Information Dr Md. Abu Saleh Dept. of Genetic Engineering and Biotechnology, University of Rajshahi, Rajshahi-6205 +8801716731747 saleh@ru.ac.bd Co-investigators Information Dr Md. Salah Uddin Dept. of Genetic Engineering and Biotechnology, University of Rajshahi,		20.00

			Rajshahi-6205 +8801724365696 salim.geb@ru.ac.bd		
471	LS2018756	Study of antitumor activities of ethanolic extracts of two endemic plants (Ceriopsdecandra, Heritieralittoralis) against Ehrlich Ascites Carcinoma (EAC)	Applicants Information Dr Md. Nazmul Hasan Department of Genetic Engineering and Biotechnology, JUST, Jessore, 01911-034367 mnhasan1978@gmail.com Co-investigators Information Prof. Dr. Md Shahedur Rahman Department of Genetic Engineering and Biotechnology, JUST, Jessore 01553116736 ms.rahman@just.edu.bd		20.00
472	SD2018752	ONLINE ADAPTIVE LEARNING FOR HIGH SCHOOL STUDENTS TO ACHIEVE SDG 4	Applicants Information Dr M. Helal Uddin Ahmed Department of Management Information Systems, University of Dhaka, +8801783368720 helal@du.ac.bd,rakibul@du.ac.bd Co-investigators Information Dr Md. Rakibul Hoque Department of Management Information Systems, University of Dhaka, +8801912928171 rakibul@du.ac.bd		21.00
473	LS2018751	Bioremediation of Toxic Heavy Metals and Carcinogenic Dyes form Wastewater by Native Bacterial Biofilms	Applicants Information Prof Dr. Md. Manjurul Haque Department of Environmental Science, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, 1716513602 haque_bes@bsmrau.edu.bd Co-investigators Information Dr Md. Amdadul Haque Department of Agro-processing, Bangabandhu Sheikh Mujibur Rahman		17.00

			Agricultural University Gazipur, 01934499867 amdad115@gmail.com		
474	LS2018749	Devising embryo biopsy system and separation of male and female bovine embryo in vitro before transfer through DNA technology	Applicants Information Prof Md. Munir Hossain Animal Breeding & Genetics, Bangladesh Agricultural University, Mymensingh-2202 +880 1716540609 mmhossain@bau.edu.bd Co-investigators Information Prof AK Fazlul Haque Bhuiyan Animal Breeding & Genetics, BAU, Mymensingh-2202 +880 1715 047767		22.00
475	LS2018748	Genetic predisposition of Alzheimer's disease (AD) in Bangladeshi population: impact of alternative therapeutic on reversal of cognitive decline	Applicants Information Dr Md. Atiar Rahman Department of Biochemistry and Molecular Biology, University of Chittagong, Chittagong 01711709084, atiar@cu.ac.bd Co-investigators Information Dr Muhammad Salahuddin MBBS, MD (Neurology) Assistant Professor, Department of Neurology, Cox's Bazar Medical College, 01711701214 msuddin70@yahoo.com		24.00
476	LS2018746	Investigating the effects of tannin and saponin available in Bangladeshi feeds and fodder on the productivity of livestock	Applicants Information Prof Dr. Md. Ruhul Amin Department of Animal Science, Bangladesh Agricultural University, Mymensingh 01714-217157 aminmr64@bau.edu.bd Co-investigators Information Prof Dr. A. K. M. Ahsan Kabir Department of Animal Science, Bangladesh Agricultural University,		21.00

			Mymensingh 01716-227339		
477	LS2018744	Laboratory and field efficacy of botanicals, chemicals pesticides and entomopathogenic fungus for the management of spider mites in vegetable crops	Applicants Information Prof Mohammad Shaef Ullah Department of Entomology, Bangladesh Agricultural University, Mymensingh 01711-452496 ullahipm@bau.edu.bd Co-investigators Information Prof. Dr. Mahbuba Jahan Department of Entomology, BAU, Mymensingh		21.00
478	LS2018743	Improving food and nutrition security in the salinity affected coastal region by vegetable production through sack gardening: capacity building of farmers using common interest group (CIG) approach	Applicants Information Prof Shonia Sheheli Department of Agricultural Extension Education, Bangladesh Agricultural University, Mymensingh, +8801711386441 ssheheli@yahoo.com Co-investigators Information Mr Debashis Roy Department of Agricultural Extension Education, Bangladesh Agricultural University, Mymensingh, +8801770262977 droyagext@bau.edu.bd		18.00

479	LS2018740	Development of drought stress tolerant rice to ensure food security of Bangladesh	Applicants Information Prof Mohammad Anwar Hossain Department of Genetics and Plant Breeding, Bangladesh Agricultural University, Mymensingh, +8801799340791 anwargpb@bau.edu.bd Co-investigators Information Dr Aleya Ferdausi Department of Genetics and Plant BAU, Mymensingh, +88 01747173836 aleyaferdausi@yahoo.com		20.00
480	PS2018774	Synthesis and Evaluation of Nano-fertilizer: from research to the farming field	Applicants Information Dr. Md. Zaved Hossain Khan Dept. of Chemical Engineering, Jessore University of Science and Technology, Jessore ,1763387455 zaved.khan@just.edu.bd Co-investigators Information Prof Biplob Kumar Biswas Dept. of Chemical Engineering, JUST, Jessore , +8801754392701 bk.biswas@just.edu.bd		20.00
481	LS2018773	Evaluation of residual effects of agricultural pesticides on the reproductive health of rabbits: A public health perspective study	Applicants Information Prof Mohammad Rabiul Karim Department of Anatomy and Histology, Bangladesh Agricultural University, Mymensingh, 01730721613 mrabiulkarim@bau.edu.bd; rabirath_vet@yahoo.com Co-investigators Information Prof Ziaul Haque Department of Anatomy and Histology, BAU, Mymensingh 01793641483		22.00

482	LS2018770	Recycling of Nutrients from Municipal Organic Waste through Pyrolysis and Composting	Applicants Information Dr. Shamim Mia Associate Professor, Department of Agronomy, Patuakhali Science and Technology University, Patuakhali, 01786308562 smia_agr@pstu.ac.bd Co-investigators Information Dr Shaikh Abdullah Al Mamun Hossain Associate Professor, Department of Agricultural Engineering, PSTU, Patuakhali, 01716287428		22.00
483	LS2018768	Experimental study on New Zealand white rabbit for identification of potential growth centre in autotransplanted costochondral graft in Temporomandibular joint	Applicants Information Dr Jachmen Sultana Oral and Maxillofacial Surgery Department, BSMMU, Dhaka 01764582411 dr.jachmen007@yahoo.com Co-investigators Information Prof Dr. Quazi Billur Rahman Chairman, Oral and Maxillofacial Surgery Department, BSMMU, Shahbag, Dhaka, 01711848871		18.00
484	LS2018767	Application of greenhouse technology in aquaculture in winter season	Applicants Information Dr Md. Anwar Hossain Mondal Assistant Professor, Department of Aquaculture, PSTU, Patuakhali, 01776791712 anwarhm1970@gmail.com Co-investigators Information Mr Belal Hossen Assistant Professor, Department of Fisheries Biology and Genetics, PSTU, Patuakhali, 01745044757, belalku@gmail.com		16.00
					1941.40/ 10098.52
485	LS20191175	Validation of Frontal Assessment Battery for	Applicants Information Prof Parveen Huque	7.0	

		Acquired Brain Injury Patients in Bangladesh	Dept.of Clinical Psychology, Room no. 5017, , 4th Floor, Arts Building, Dhaka University 01715150144 phuque11@gmail.com Co-investigators Information Mr Md. Shahanur Hossain Dhaka University Dept.of Clinical Psychology, Room no. 5017, 4th Floor, Arts Building, 01763667040 shossain_cp@du.ac.bd		
486	PS20191174	Enhancement of Mechanical Properties of Lightweight Magnesium Alloys for Automotive Sector	Applicants Information Dr Hossain Mohammad Mamun Al Rashed Dept. of MME, Old Academic Building, BUET, Dhaka 1000 Bangladesh University of Engineering & Technology (BUET), 01715037843 hrashed@mme.buet.ac.bd Co-investigators Information Prof KaziShorowordi Bangladesh University of Engineering & Technology (BUET) Dept. of MME, Old Academic Building, BUET, Dhaka 1000, 01913258419 kmsorowordi@mme.buet.ac.bd	12.0	
487	PS20191098	Far Surface Mounted Reinforcement for Flexural Strengthening of Reinforced Concrete Beam	Applicants Information Dr Mohammad KamruzzamanTalukder Assistant Professor, Department of Civil Engineering, East West University, Dhaka 1212 East West University +8801703662787 mktalukder@ewubd.edu Co-investigators Information Dr Md. NaimulHaque East West University Assistant Professor, Department of Civil Engineering, East West University, Dhaka 1212 +8801726212749 naimul@ewubd.edu	2.6	
488	LS20191091	Development of stinging catfish based carp polyculture in homestead ponds under drought prone area	Applicants Information Dr Md. Akhtar Hossain Professor, Department of Fisheries, Rajshahi university, Rajshahi-6205 Rajshahi University +88-0721-711117, +88-01711576135 mahfaa@yahoo.com Co-investigators Information	14	

			Dr M. Manjurul Alam Rajshahi University Professor, Department of Fisheries, Rajshahi university, Rajshahi-6205 +88-0721-711117, +88-01712172018 mamillat@yahoo.com		
489	LS20191088	Isolation, Characterization, Purification and Heterologous Expression of Proteases Enzyme for Pretreatment of Industrial Residues from Leather Industry for Biogas Production.	Applicants Information Mr MdEkhlas Uddin Dept. of Biochemistry and Molecular Biology, GonoBishwabidyalay, Savar, Dhaka-1344, Bangladesh GonoBishwabidyalay 01633393179 ekhlasbt03@gmail.com Co-investigators Information Dr Dr. Mohammad Shakil Mahmood GonoBishwabidyalay Dept. of Biochemistry and Molecular Biology, GonoBishwabidyalay, Savar, Dhaka-1344, Bangladesh 01762338530 shakilbiochemist@gmail.co	12.0	
490	LS20191060	In-Vitro culture of Bovine embryo	Applicants Information Dr Lam Yea Asad Associate Professor, Department of Animal Nutrition, Genetics and Breeding, Faculty of Animal Science and Veterinary Medicine, Sher-e-Bangla Agricultural University, Dhaka 1207 Sher- E- Bangla Agricultural University 01716902084 lamyea_sau@yahoo.com Co-investigators Information Dr Md. Saiful Islam Sher- E- Bangla Agricultural University Associate Professor, Department of Poultry Science, Faculty of Animal Science and Veterinary Medicine , Sher-e-Bangla Agricultural University, Dhaka 1207 01725434279 apma_sau@gmail.com	8.0	
491	LS20191050	Epidemiological investigation and chronic toxicity of Arsenic poisoning in domestic animal in North Western Bangladesh	Applicants Information Dr S.M Kamruzzaman Department of Veterinary and animal sciences Rajshahi University 01753222539 drsazadru@yahoo.com	16.0	

			Co-investigators Information Dr Syed SarwarJahan Rajshahi University Department of Veterinary and animal sciences 01712250118 syed_jahan@yahoo.com		
492	SD20191046	Measurement of Ecological Footprint Account and Biocapacity to Achieve the Sustainable Development Goals: A Study at the Haor Basin of Northeastern Region of Bangladesh	Applicants Information Mr Md. Mueyed Hasan Department of Geography and Environment, Shahjalal University of Science & Technology, Sylhet-3114 Shahjalal University of Science and Technology +8801686580014 mueyedhasan@gmail.com Co-investigators Information Mr Md. BahuddinSikder Shahjalal University of Science and Technology Department of Geography and Environment, Shahjalal University of Science & Technology, Sylhet-3114 +8801714432134 bahuddinsikder@gmail.com	10.0	
493	SS2019994	Assessment of Institutional Network Structure in Disaster Risk Reduction in Coastal Bangladesh	Applicants Information Prof Md. Nasif Ahsan Economics Discipline, Khulna University-019-1406-6224 nasif.ahsan@econ.ku.ac.bd Co-investigators Information Mr Md. Rezwanul Haque Department of Economics; American University of Bangladesh (AIUB), Dhaka 017-1719-5519 rezwanul_05@yahoo.com	7.0	
494	LS2019987	Prolonging Shelf Life and Reducing Post-harvest Losses of Strawberry by Using Packaging Materials and Precooling Approaches	Applicants Information Mr Prosanta Kumar Dash Assistant Professor, Agrotechnology Discipline, Life Science School, Khulna-01719032825 prosanta05@ufl.edu Co-investigators Information Dr Shamim Ahmed Kamal Uddin Khan Khulna University Professor, Agrotechnology Discipline, Life Science School, Khulna-9208 01716169607 samkuk_bd@yahoo.com	12.0	

495	LS2019983	Feasibility study of Post Larvae (PL) Production of Giant Freshwater Prawn in Earthen Pond	Applicants Information Dr Md. Nazmul Ahsan Professor, Fisheries and Marine Resource Technology (FMRT) Discipline, Khulna University, Khulna 9208 +8801712248038 nazmul_ku@yahoo.com Co-investigators Information Mr Md. Shahin Parvez Assistant Professor, Fisheries and Marine Resource Technology (FMRT) Discipline, Khulna University, Khulna +8801719975296, sp.ku07@gmail.com	10.0	
496	LS2019953	Development of Digitally Accessible Poultry Feed Formulation Package for Small-scale Feed Producers	Applicants Information Dr Md. Shahidur Rahman Department of Poultry Science, Bangladesh Agricultural University (BAU), Mymensingh 01700636155 msrahman.poultry@bau.edu.bd Co-investigators Information Dr Md. Rakib Hassan Department of Computer Science and Mathematics, (BAU), Mymensingh 01857488046 rakibbau@gmail.com	12.0	
497	LS2019946	Quantification of Antimicrobial Resistant Bacteria in Faecal Samples from Poultry via Electrochemistry	Applicants Information Dr Md. Hakimul Haque Dept. of Veterinary and Animal Sciences, Faculty of Agriculture, Rajshahi University, 01761002722 hakim.ahvs@ru.ac.bd Co-investigators Information Dr Dulal Chandra Kabiraz Dept. of Chemistry, Rajshahi University 01707071501 dulal.chem@ru.ac.bd	12.0	
498	LS2019937	Intestinal alkaline phosphatase deficiency and metabolic diseases	Applicants Information Prof Madhu Malo Diabetic Association of Bangladesh (DAB) BIRDEM (1st Floor), Room No. 240 122 Kazi Nazrul Islam Avenue, Shahbagh, Dhaka-0181-377-3204, 0171-002-3456 madhumalo@hotmail.com; maloms@hotmail.com Co-investigators Information	15.0	

			Prof AK Azad Khan Diabetic Association of Bangladesh (DAB) BIRDEM Shahbagh, Dhaka-1000, 0171-156-6814 president@dab-bd.org		
499	LS2019891	Ecology and conservation of Northern Pig-tailed Macaque at Satchari National Park of Hobiganj District in Bangladesh	Applicants Information Dr Habibon Naher Assistant Professor, Department of Zoology, Jagannath University, Dhaka 01911244690, 01716209909 likhi.habibon@gmail.com Co-investigators Information Dr Md. Saiful Islam Professor, Department of Zoology, Jagannath University, Dhaka, Bangladesh 01712114495 im_saiful@hotmail.com	10.0	
500	SS2019869	Effect of intervention aimed at increasing nutrition knowledge, physical activity and fruit and vegetable consumption among children in Bangladesh: a primary school-based randomized controlled trial	Applicants Information Prof Md. Nuruzzaman Haque Department of Population Science and Human Resource Development, University of Rajshahi, Rajshahi-6205 01556621599 nzaman_pop@ru.ac.bd Co-investigators Information Dr Md. Mosiur Rahman Department of Population Science and Human Resource Development, University of Rajshahi, Rajshahi-6205, Bangladesh 01910375448 swaponru_2000@yahoo.com	6.0	
501	LS2018832	Production of fermented rice bran in rice mill as value added feed ingredient for poultry	Applicants Information Prof Dr. Khan Md. Shaiful ISLAM Department of Animal Nutrition, Bangladesh Agricultural University, Mymensingh-2202, 01715226510 kmsislam1@yahoo.com Co-investigators Information Dr Md. Mostafizar Rahman Department of Animal Nutrition, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh +8801712-682994 mostafiz@bau.edu.bd	12.0	

502	LS2018815	A COMPARATIVE MICROBIOLOGICAL STUDY ON CAFETERIA FAST FOODS OF GOVERNMENTAL AND NON-GOVERNMENTAL HOSPITALS IN DHAKA CITY ALONG WITH THEIR MULTIDRUG RESISTANCE PROPERTY	Applicants Information Prof Sharmin Rumi Alim Institute of Nutrition and Food Science Dhaka University +8801711687516 rumialim@yahoo.com Co-investigators Information Ms Ila Ismail Institute of Nutrition and Food Science Dhaka University +8801717088090 ila_ismail08@yahoo.com	13.0	
503	SD2018813	Detection and Isolation of Surfactant Producing Microbes from Polluted Sites of the River Buriganga	Applicants Information Dr Dilara Sharif Department of Genetic Engineering and Biotechnology Jagannath University, Dhaka, Bangladesh 88-02-9534390 dilara.sharif@gmail.com Co-investigators Information Dr Zahid Hassan Department of Genetic Engineering and Biotechnology, Jagannath University, Dhaka, 88-02-9534390 zahid@geb.jnu.ac.bd	12.0	
504	SS2018803	Marginalization and Discrimination in Education: Situation Analysis of the Ethnic Minority Groups in Barind Region of Bangladesh	Applicants Information Dr Shaila Sharmeen Professor, Department of Anthropology, University of Dhaka, Dhaka-1000 01738879700 shaila_1976@yahoo.com Co-investigators Information Dr S. M. Arif Mahmud Associate Professor, Department of Anthropology, University of Dhaka, Dhaka-1000, Bangladesh 01711070053 arif_et1226@du.ac.bd	7.0	
505	SS2018800	Study on teaching learning approaches and student assessment implementing quality education in secondary schools of Bangladesh	Applicants Information Prof Dr. Md. Abdul Awal Khan Institute of Education and Research (IER), University of Dhaka 8801711005757 mzinnah@du.ac.bd	8.0	

			Co-investigators Information Prof Dr. Mohammad Ali Zinnah Department of Social Science Education, Institute of Education and Research, University of Dhaka 8801711005757 mzinnah@du.ac.bd		
506	SS2018798	Study on the persuade of environmental factors and multiplicity in crop management practices on the technical efficiency of wheat growers in three different locations of Bangladesh	Applicants Information Dr A.T.M.Rezaul Hoque Professor, Department of Economics and Dean, Faculty of Social Science and Humanities, Hajee Mohammad Danesh Science and Technology University, Dinajpur-5200, +88- 01712915251 luizareza@yahoo.com Co-investigators Information Mr Md.Ziaul Hassan Assistant Professor, Department of Statistics, Hajee Mohammad Danesh Science and Technology University, Dinajpur-5200, +88- 01768932296 nirstathstu@gmail.com	11.0	
507 22/506	LS2018775	Insights into Socio-Economic Features to Reveal the Controversy on Eucalyptus Based Agroforestry System in Northern Region of Bangladesh	Applicants Information Prof Md Abiar Rahman Dept. of Agroforestry and Environment, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) Gazipur 1706, 01552495452 abiar@bsmrau.edu.bd Co-investigators Information Dr Mohammad Golam Mostofa Department of Biochemistry & Molecular Biology, Bangabandhu Sheikh Mujibur Rahman Agricultural University Gazipur 1706, Bangladesh 01743420123 mostofa@bsmrau.edu.bd	12.0	
					270.60/ 10369.12

2021-22 List of the Completed projects

Sl. no	PCN Number	Project Title	Applicant Informations& Co-Investigator	Total allocation (Tk. in lac)	Years
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508	LS20201319	A comparative study of blood-brain barrier disruption by hypoglycemia in different hypoglycemic model mice.	Applicants Information Dr Md. Ibrahim Hossain Associate Professor, Dept. of Biochemistry and Molecular Biology, Faculty of Biological Sciences, Jahangirnagar University, Savar, Dhaka. 01906064698 ibrahim_bmb@juniv.edu Co-investigators Information Prof Dr. Md. Ibrahim Khalil Professor, Dept. of Biochemistry and Molecular Biology, Faculty of Biological Sciences, Jahangirnagar University, Savar, Dhaka. 01723919111 drmikhail@gmail.com	6.80	1 Years
509	SD20211619	Barriers for Green Supply Chain Management Implementation: A study in Bangladesh leather and leather product industry	Applicants Information Dr S.M.Mahbubur Rahman Associate Professor Department of Business Administration Noakhali Science and Technology University, Noakhali 01712122849 mmrahman987.dba@nstu.edu.bd Co-investigators Information Mr Habibur Rahman Assistant Professor Department of Business Administration Noakhali Science and Technology University, Noakhali 01717540634 habib.nstum@gmail.com	6.20	1 Years
510	LS20201452	Determination of timing of the completion of the first wave of spermatogenesis in black Bengal goat	Applicants Information Dr Md. RoyhanGofur Associate Professor, Department of Veterinary and Animal Sciences, RajshahiUniversity, Rajshahi 01306106123 royhangm@gmail.com Co-investigators Information Dr AfiaKhatun Associate Professor, Department of Veterinary and Animal Sciences, Rajshahi University, Rajshahi 01724571947 afiakhatuns@gmail.com	7.20	1 Years
511	ET20211696	A Comparative Performance Analysis of Zero Voltage Switching Class E and Selected Enhanced Class E Inverters	Applicants Information Dr Ratil H Ashique Associate Professor EEE Green University of Bangladesh	5.20	1 Years

			01773590010 ratil@eee.green.edu.bd Co-investigators Information Prof ShahriarKabir (PhD candidate) Assistant Professor EEE Green University of Bangladesh 01764610728 kabir@eee.green.edu.bd		
512	LS20201420	Potentiating Antibiotic Activity by addition of adjuvants Against Resistant, Gram-negative Bacteria: A combination of in silico, in vitro and in vivo experiments	Applicants Information Dr Shamim Ahmed Department of Biochemistry and Molecular Biology, Shahjalal University of Science and Technology, Sylhet 3114, Bangladesh 01776196006 shamim1174-bmb@sust.edu Co-investigators Information Dr Mahmud Hossain Shahjalal University of Science and Technology, Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka-1000, Bangladesh 01712659151mahmudbio1480@du.ac.bd	6.20	1 Years
513	PS20211528	Modelling & Numerical analysis of Nuclear Reactor Pressure Vessel Lower Head Failure under severe accident conditions with volumetrically heated stratified molten pool using corium simulant.	Applicants Information Mr Mohammad Khan Department of Nuclear Engineering, Curzan Hall Campus, Dhaka University 01311408215 mmhkhan.nuclear@du.ac.bd Co-investigators Information Mr Md. MahidulProdhon Department of Nuclear Engineering, Curzan Hall Campus, Dhaka University 01719125520 prodhon@du.ac.bd	7.20	1 Years
514	LS20201335	Assessment of the degradation of Teknaf Wildlife sanctuary under the Cox's Bazar South Forest division using remote sensing and GIS technique	Applicants Information Dr MD. DANESH MIAH INSTITUTE OF FORESTRY & ENVIRONMENTAL SCIENCES, UNIVERSITY OF CHITTAGONG, CHITTAGONG 4331 01917094320 dansmiah@gmail.com Co-investigators Information Mr MD. AKHTER HOSSAIN INSTITUTE OF FORESTRY & ENVIRONMENTAL SCIENCES, UNIVERSITY OF CHITTAGONG, CHITTAGONG 4331 01827501435 akhterhossain2010@gmail.com	6.20	1 Years

515	LS20211616	COMPARATIVE EFFECT OF MUSTARD AND SOYBEAN OILS ON CARDIOMETABOLIC RISK FACTORS AMONG TYPE 2 DIABETIC SUBJECTS	Applicants Information Dr Masfida Akhter Associate Professor Biochemistry and Cell Biology Hamdard University Bangladesh 01819137991 masfida@hamdarduniversity.edu.bd Co-investigators Information Dr. Liaquat Ali Professor Biochemistry and Cell Biology Hamdard University Bangladesh 01819229382 liaquat@pihs.ac.bd	7.20	1 Years
516	LS20201398	<u>VERMIFILTRATION TECHNIQUE DEVELOPMENT AND USE AS A LOW-COST SMALL SCALE WASTEWATER TREATMENT</u>	Prof ASM Saifullah Dept. of Environmental Science and Resource Management, MawlanaBhashani Science and Technology University 01700922687 saifullahasm@yahoo.com Co-investigators Information Mr Muhammad Jasim Uddin Asst. Professor Dept. of Environmental Science and Resource Management, MawlanaBhashani Science and Technology University +8801715124994 muhammadjasimuddin@yahoo.com	16.00	2 Years
517	LS20201379	<u>Importance of HLA in the diagnosis of Juvenile Idiopathic Arthritis</u>	Prof Shahana Rahman Room no-205, Block-C, Department of Paediatrics, Bangabandhu Sheikh Mujib Medical University 01715244811 shahana2pd@yahoo.com Co-investigators Information Dr Kamrul Laila Room no-205, Block-C, Department of Paediatrics, Bangabandhu Sheikh Mujib Medical University 01727268800 drlaila28@gmail.com	14.00	2 Years
518	LS20201352	<u>ASSESSMENT OF ECOSYSTEM SERVICES AND SOCIAL LINKAGES IN MANGROVE ECOSYSTEM OF PATUAKHALI COASTAL BELT OF</u>	Prof Dr. AlamgirKabir Department of Agroforestry, Faculty of Agriculture, Patuakhali Science and Technology University, Dumki, Patuakhali 8602 01819664967 alamgirmk@yahoo.com	16.00	2 Years

		BANGLADESH	Co-investigators Information Dr. Md. Rajib Sarker Assistant Professor Dpt. Fisheries Biology Genetics Division PSTU		
519	LS20201348	Transmission attributes of whitefly modulating the epidemiology of CLCV in chili grown in Southwestern Bangladesh	Dr Shimul Das Agrotechnology Discipline Khulna University 01907505909 shimul.das@wsu.edu Co-investigators Information Dr Prosanta Das Khulna University Agrotechnology Discipline 01719032825 prosanta05@ufl.edu	16.00	2 Years
520	LS20201318	Identification and characterization of novel probiotics for climbing perch (Anabas testudineus) aquaculture to increase antibiotics free fish production in Bangladesh	Md. Ashraf Hossain Asst. Professor, Dept. of Fisheries Technology and Quality Control, Faculty of Fisheries, Sylhet Agricultural University, Sylhet- +8801647022068 Co-investigators Information Dr. Aminur Rashid Asst. Professor, Dept. of Fisheries Technology and Quality Control, Faculty of Fisheries, Sylhet Agricultural University, Sylhet-	16.00	2 Years
521	LS20201315	Contribution of fine root in carbon dynamics of the Sundarbans mangrove ecosystems, Bangladesh	Prof Md. Kamruzzaman Forestry and Wood Technology Discipline Khulna University 01795251492 mkzamanku@gmail.com; zaman_dulu@yahoo.com Co-investigators Information Prof Md Salim Azad Forestry and Wood Technology Discipline Khulna University 01980444572 azadfw@yahoo.com	16.00	2 Years
522	PS20201283	New Hydrocarbon Prospective Zone Identification in the Shelfal Part of the Bengal Basin Using Sequence Stratigraphic Approach	Dr A S M Woobaidullah Department of Geology, University of Dhaka, Dhaka-1000. 01517310181 woobaid.du@gmail.com Co-investigators Information Dr Anwar Hossain Bhuiyan	16.00	2 Years

			Department of Geology, University of Dhaka, Dhaka-1000. 01792626708 ahb@du.ac.bd		
523	PS20201280	Moving Beyond Fine Particle (PM2.5) Mass: Characterization of Sources, Exposure, and Impact of Airborne Ultrafine Particle in Dhaka City	Dr Provat Kumar Saha Department of Civil Engineering, BUET, Dhaka-1000 +88-01735565155 provat@ce.buet.ac.bd, sahaprovat@gmail.com Co-investigators Information Dr Sheikh Mokhlesur Rahman Bangladesh University of Engineering & Technology (BUET) Department of Civil Engineering, BUET, Dhaka-1000 +88-01730715219 smrahman@ce.buet.ac.bd	16.00	2 Years
524	SD20191245	Microbial Fuel Cell Constructed Wetlands for Landfill Leachate Treatment	Prof TanveerFerdous Saeed 74/A, Green Road, Dhaka - 1205, Bangladesh University of Asia Pacific 01784399183 dr.tanveer@uap-bd.edu Co-investigators Information Dr NehreenMajed University of Asia Pacific 74/A, Green Road, Dhaka - 1205, Bangladesh 01819206394 nehreen-ce@uap-bd.edu	16.00	2 Years
525	LS20191241	Transboundary River Pollution - Threats to Water Quality of Haors and Their Impacts on Wetland Ecosystems and Livelihood Status of North-Eastern Bangladesh	Prof M. A. Farukh Department of Environmental Science, Bangladesh Agricultural University, Mymensingh 01712-106603 farukh_envsc@bau.edu.bd Co-investigators Information Prof Md. Abdul Baten Department of Environmental Science, Bangladesh Agricultural University, Mymensingh 01717-101864 baten_envsc@yahoo.com	16.00	2 Years
526	LS20191235	Antibiotic-free Fish Production through Eco-friendly Mechanized Tools, Drugs and	Dr Md. Yeamin Hossain Associate Professor, Department of Fisheries, Rajshahi University, Rajshahi-6205	16.00	2 Years

		Chemicals and its impacts on Fish quality and Palatability	+8801751566077 hossainyeamin@gmail.com Co-investigators Information Dr Md. Mahabubur Rahman Associate Professor, Department of Fisheries, Rajshahi University, Rajshahi-6205 +8801711417848 mratan1980@gmail.com		
527	LS20191231	Biological survey, Genetic analysis, current dose assessment and genotoxicity evaluation of some candidate pesticides to rapidly control Dengue/Chikungunya vectors (Aedes spp.) in Bangladesh	Dr AshfaquMuidKhandaker Department of Zoology, University of Dhaka 01759044481 muid.zoo@du.ac.bd Co-investigators Information Prof Dr. Reza Md. Shahjahan Department of Zoology (Genetics branch), University of Dhaka 01552408575 rezashahjahan@univdhaka.edu	16.00	2 Years
528	LS20191213	Occurrence of Bacterial Pathogens, Use of Antibiotics and Presence of Antibiotic Residues in Carps Fish Culture in Rajshahi Region: A Food Safety Concern	Dr Md. Mahabubur Rahman Associate Professor, Department of Fisheries, University of Rajshahi, Rajshahi Office: 0721-711117, Mobile: 01711-417848 mratan1980@gmail.com Co-investigators Information Dr SyedaNusratJahan Assistant Professor, Department of Fisheries, University of Rajshahi, Rajshahi-6202, Bangladesh Office: 0721-711117; Mobile: 01737-000495 nusratru@yahoo.com	16.00	2 Years
529	LS20191185	Biochemical and gene expression analyses in rice seedling under submergence stress	Dr Sabina Yasmin Professor, Department of Biotechnology, Bangladesh Agricultural University, Mymensingh-2202 +880 1712850786 sabina.yasmin@bau.edu.bd Co-investigators Information Dr Md. ShahidulHaque Professor, Department of Biotechnology, Bangladesh Agricultural University, Mymensingh-2202	16.00	2 Years

			+880 1711224350 haquems@bau.edu.bd		
530	LS20201520	Sero-prevalence of contagious bovine pleuro-pneumonia disease of dairy cows and molecular characterization of its causal agents	Prof Dr. Dibyendu Biswas Dept. of Medicine, Surgery and Obstetrics, Patuakhali Science and Technology University, Barishal-8210 01626879849, dipupstu2012@pstu.ac.bd Co-investigators Information Prof AKM MostafaAnower Department of Microbiology and Public Health, Patukhali Science and Technology University, Barishal-8210 01711-069468 anower@pstu.ac.bd	16.00	2 Years
531	LS20201442	Gene sequencing and phylogenetic analysis of parasitic tea garden nematodes and evaluation of some botanicals for their nematicidal activity against tea nematodes	Prof Dr. Md. Kamrul Islam Department of Genetic Engineering and Biotechnology, SUST, Sylhet-3114. Mobile: +8801716439353 kamrul-gen@sust.edu Co-investigators Information Prof Dr. Mohammad Jakir Hosen Department of Genetic Engineering and Biotechnology, Shahjalal University of Science & Technology, Sylhet-3114. Mobile: +8801777195857 jakir-gen@sust.edu	16.00	2 Years
532	LS20191177	Methane emissions flux from the different woody components of the Sundarbans Mangrove Forest	Applicants Information Dr Md. HasiburRahaman Dept. of Environmental Science and Technology, Jashore University of Science and Technology, Jashore-7408 Jessore University of Science and Technology 01775482102 hasib.est@just.edu.bd Co-investigators Information Dr Mohammad Mahfuzur Rahman Jessore University of Science and Technology Dept. of Environmental Science and Technology, Jashore University of Science and Technology, Jashore- 740801797757421 mm.rahman01@just.edu.bd	16.80	3 Years
533	LS20191170	Prevention of shrimp/prawn melanosis by medicinal plant	Applicants Information Dr Md. Reazul Islam	19.80	3 Years

		extracts	Associate Professor, Department of Fisheries Technology, Hajee Mohammad Danesh Science and Technology University, Dinajpur-5200 Hajee Mohammad Danesh Science and Technology University 01707076614 reazulftl@gmail.com Co-investigators Information Dr Mohammad FerdousMehbub Hajee Mohammad Danesh Science and Technology University Professor, Department of Fisheries Technology, Hajee Mohammad Danesh Science and Technology University, Dinajpur-5200 01711195210 etuferdous@yahoo.com		
534	LS20191163	Improvement of sheep production in south-western coastal regions of Bangladesh through proper breeding and feeding techniques	Applicants Information Dr. SarderSafiqul Islam Professor, Agrotechnology Discipline, Life Science School, Khulna University, Khulna-9208 Khulna University 041-751095/ Cell Phone: 01712546305 sardersislam@ku.ac.bd Co-investigators Information Dr. Md. Shafiqul Islam Khulna University Professor, Agrotechnology Discipline, Life Science School, Khulna University, Khulna-9208 041-751095/ Cell phone: 01711190798 shafique_ru@yahoo.com	22.80	3 Years
535	LS20191160	Application of hydroponic system for year round fodder crop production	Applicants Information Dr Md. Giush Uddin Ahmed Professor, Dept. of Agronomy & Agricultural Extension, University of Rajshahi, Rajshahi-6205 Rajshahi University, +88 01751475256 ahmedmgu@ru.ac.bd Co-investigators Information Dr Md. Akhtarul Islam Rajshahi University Associate Professor, Dept. of Veterinary	18.80	3 Years

			and Animal Sciences, University of Rajshahi, Rajshahi-+88 01712425865 maid07@yahoo.com		
536	LS20191152	Detection and molecular characterization of respiratory infections of commercial layer chickens in Bangladesh	Applicants Information Prof Dr. Md. Rafiqul Islam Bangladesh Agricultural University Department of Pathology, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh 2202, Bangladesh +8801712849565 mrislam_bau@yahoo.com Co-investigators Information	17.80	3 Years
537	SS20191142	Pedestrian Vulnerable Road User Behavior related Accident in Dhaka City: A Critical Analysis from Psycho-social Perspectives	Applicants Information Prof ShamsulHoque Department of Civil Engineering, Bangladesh University of Engineering and Technology (BUET), Dhaka-1000 01789172999 shoque@ce.buet.ac.bd Co-investigators Information Dr Md. Asif Raihan Accident Research Institute (ARI),Bangladesh University of Engineering and Technology (BUET), Dhaka-1000 880-2-58610081 araihan@ari.buet.ac.bd	17.80	3 Years
538	LS20191139	ENHANCED PRODUCTION OF PHYTASE FROM SELECTED BACTERIA TO BE USED AS DIGESTIVER AID IN POULTRY FEED IN BANGLADESH	Applicants Information Prof ShakilaNargis Khan Department of Microbiology, University of Dhaka, Dhaka 1000, Bangladesh 01817530043 shakila@du.ac.bd Co-investigators Information Prof MarufaZerin Akhter Department of Microbiology, University of Dhaka, Dhaka 1000, Bangladesh 01817630976 mzakhter@du.ac.bd	16.80	3 Years
539	LS20191138	Pathogenic variability and molecular characterization in F2	Applicants Information Dr Mst. Sabiha Sultana	16.80	3 Years

		generation of Cochliobolussativus (S. Ito &Kurib)	Associate Professor, Agrotechnology Discipline, Khulna University, Khulna-9208. +8801922264339 hure_jannat888@yahoo.com Co-investigators Information Ms ChhoaMondal Assistant Professor, Agrotechnology Discipline, Khulna University, Khulna-9208. +8801717416587 chhoa_at07@yahoo.com		
540	LS20191133	The in-vivo assessment of antidiabetic property of extract of leaves of Gynuraprocumbens in rats Applied Date: 2019-06-17 Download Submitted PCN Form	Applicants Information Prof Dr. Md. Shah Amran Department of Pharmaceutical Chemistry, Faculty of Pharmacy Dhaka University 01532603359 amranms@du.ac.bd Co-investigators Information Mr AmlanGanguly Dhaka University Department of Clinical Pharmacy and Pharmacology, Faculty of Pharmacy 01919466366 gangulyamlan@du.ac.bd	17.80	3 Years
541	SD20191126	Sustainable production of chitosan based nanofibrous bandages for treating burn wounds by electrospinning process	Applicants Information Dr. PapiaHaque Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka-1000, Bangladesh +880-1711448896, +880-1769131415 papiahq@du.ac.bd Co-investigators Information Dr M. Nuruzzaman Khan Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka-1000, Bangladesh +880-1717057445 mnuruzzaman.khan@du.ac.bd	17.80	3 Years
542	LS20191125	Molecular characterization of	Applicants Information	18.80	3 Years

		virulence factor genes and plasmid typing of Salmonella sp. in avian Salmonellosis in Bangladesh	Prof Mohammad Ferdousur Rahman Khan Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh +8801717785674 frkhanbau80@yahoo.com Co-investigators Information Prof Md. Bahanur Rahman Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh +8801718218080 bahanurr@gmail.com		
543	PS20191122	Taro carbon from taro stems: preparation, characterization and application for the determination of environmental pollutants Applied Date: 2019-05-23 Download Submitted PCN Form	Applicants Information Dr A. J. Saleh Ahammad Associate Professor, Department of Chemistry, Jagannath University, Dhaka 1100, Bangladesh +880 2 9583794 (office), +880 1672218199 (mobile) ajsahammad@chem.jnu.ac.bd Co-investigators Information Dr. Nafiz Ahmed Associate Professor, Department of Chemistry, Jagannath University, Dhaka 1100, Bangladesh +880 2 9583794 (office), +880 1711287600 (mobile) amin2k50@gmail.com	14.80	3 Years
544	LS20191118	Characterization of liver fluke Fasciolagigantica secreted extracellular vesicles and identification of immunogenic proteins	Applicants Information Prof MD Hasanuzzaman TALUKDER Department of Parasitology, BAU, Mymensingh Bangladesh Agricultural University +88 091 67401 63513 talukdermhasan@bau.edu.bd Co-investigators Information Dr Babul Chandra Roy Bangladesh Agricultural University Department of Parasitology, BAU, Mymensingh +88 091 67401 63523 bcroy.dvm51@gmail.com	16.80	3 Years

545	LS20191117	Improving soil health and potato quality through biochar: A low cost climate smart practice for attaining poverty free sustainable development	Applicants Information Prof Dr.TuhinSuvra Roy Department of Agronomy, Sher-e-Bangladesh Agricultural University, Sher-e-Bangla nagar, Dhaka-1207. 01710515090 tuhinsuvra2002@yahoo.com Co-investigators Information Mr Md. Sajedur Rahman Department of Biochemistry, Sher-e-Bangla Agricultural University, Sher-e-Bangla nagar, Dhaka-1207. : 01711-606445 srahman139@gmail.com	19.80	3 Years
546	LS20191108	Biocontrol of foot and root rot disease of betel vine by rhizobacteria	Applicants Information Prof Md. Motiur Rahman Department of Genetic Engineering and Biotechnology, 3rd Science Building, Level # 4, University of Rajshahi, Rajshahi-6205 880-721-711120, 01716077582 motiurgeb@gmail.com Co-investigators Information Dr KhondokarNasirujjaman Associate Professor, Department of Genetic Engineering and Biotechnology, 3rd Science Building, Level # 4, University of Rajshahi, Rajshahi-6205 01716-261354 khondokar@gmail.com	16.80	3 Years
547	MS20191106	Development of Bioinformatics Tools for NGS Based Big Data Analysis and Its Application to Identify Diseases Related Microbial Genes	Applicants Information Prof MD. NURUL HAQUE MOLLAH Head of Bioinformatics Lab. (Dry), Dept. of Statistics, Rajshahi University, Rajshahi-6205 01715319178 (Mobile), 0721-711557 (Office) mollah.stat.bio@ru.ac.bd, mnhmollah@yahoo.co.in Co-investigators Information Dr MD. HADIUL KABIR Bioinformatics Lab. (Dry), Dept. of Statistics, Rajshahi University, Rajshahi-	18.80	3 Years

			6205 01914254994 (Mobile) hk@ru.ac.bd		
548	PS20191102	Preparation of Microcrystalline Cellulose (MCC) from waste cotton & papers, modification of different physiochemical properties of the prepared MCC to meet the specifications of United States Pharmacop	Applicants Information Prof Abu Asad Chowdhury University of Dhaka, Shahbag, Dhaka 1000, Bangladesh. Dhaka University +8801711075120 asaddg27@du.ac.bd Co-investigators Information Dr Mohammad Sharifur Rahman Dhaka University University of Dhaka, Shahbag, Dhaka 1000, Bangladesh. +8801711807630 msr@du.ac.bd	14.80	3 Years
549	LS20191089	Investigation of antioxidative status and genetic variation of endogenous scavenger enzymes in Bangladeshi population with proliferative diabetic retinopathy.	Applicants Information Dr Sheikh Zahir Raihan Department of Clinical Pharmacy and Pharmacology, University of Dhaka, Dhaka-1000. Dhaka University 9661920 (8156); 01782888039 sheikhzahir@du.ac.bd Co-investigators Information Dr Nahid Sharmin Dhaka University Department of Pharmaceutical Technology, University of Dhaka, Dhaka-1000. 9661920 (8176); 01799395850 nahidsharmin@du.ac.bd	20.80	3 Years
550	PS20191087	Investigation of groundwater quality characteristics and health risk assessment of Bagerhat District, Bangladesh.	Applicants Information Dr Dhiman Roy Department of Geology and Mining, University of Barisal, Kornokatho-Patuakhali Highway, Barisal-8200 Barisal University 1779246902 dhimans14@yahoo.com Co-investigators Information Mr Sukhen Goswami	20.80	3 Years

			Barisal University Department of Geology and Mining, University of Barishal, Kornokatho- Patuakhali Highway, Barishal-8200 01744555917 swami.sg.du@gmail.com		
551	PS20191086	Development of Ecofriendly Leather Processing using Ultrasound Technique	Applicants Information Prof Md. Zahangir Alam Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka 1000 +88029661900/7381, 01711577225 zahangir@du.ac.bd Co-investigators Information Prof Md. Nurnabi Dhaka University Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka 1000 +88029661920/7381 nnabi@du.ac.bd	17.80	3 Years
552	LS20191077	Bio-rational management of major pests of litchi (Litchi chinensis)	Applicants Information Dr Md. Abdul Alim Professor, Department of Entomology, HSTU, Dinajpur Hajee Mohammad Danesh Science and Technology University +8801714062618 alim@hstu.ac.bd ; alimtasfi@gmail.com Co-investigators Information Dr Md. Alamgir Hossain Hajee Mohammad Danesh Science and Technology University Professor, Department of Entomology, HSTU, Dinajpur +8801712572211 alamgirhstu@gmail.com	13.80	3 Years
553	PS20191074	Development of a polymeric nano-carrier for anti-obesity drug delivery system	Applicants Information Prof Dr. Al-Nakib Chowdhury Department of Chemistry, Bangladesh University of Engineering and Technology (BUET), Dhaka Bangladesh University of Engineering & Technology (BUET) 01716620026	16.80	3 Years

			nakib@chem.buet.ac.bd Co-investigators Information Prof Dr. Md. Shakhawat Hossain Firoz Bangladesh University of Engineering & Technology (BUET) Department of Chemistry, Bangladesh University of Engineering and Technology (BUET), Dhaka 01730 713767 shfiroz@chem.buet.ac.bd		
554	LS20191071	Development, formulation, Standardization and commercialization of value added bakery and pulse products incorporating wheat grass	Applicants Information Dr AnwaraAkterKhatun Department of Food Science and Nutrition, Hajee Mohammad Danesh Science & Technology University, Dinajpur-5200, Bangladesh Hajee Mohammad Danesh Science and Technology University 01819916755 anwarakhatun@gmail.com Co-investigators Information Ms Joysree Roy Hajee Mohammad Danesh Science and Technology University Department of Food Engineering and Technology, Hajee Mohammad Danesh Science & Technology University, Dinajpur-5200, Bangladesh 01717849116 joysree.tithi.18@gmail.com	18.80	3 Years
555	SD20191067	Study on Plastic Pollution and Associated Impacts on Marine life, Human health and the Environment	Applicants Information Prof Mohammad Shoeb Department of Chemistry, University of Dhaka, Dhaka-1000, Bangladesh Dhaka University +8801715191988 shoeb71@yahoo.com; shoeb@du.ac.bd Co-investigators Information Prof Md. Iqbal RoufMamun Dhaka University Department of Chemistry, University of Dhaka, Dhaka-1000, Bangladesh +8801715014564 iqbalrouf@yahoo.com	18.80	3 Years

556	LS20191066	Studies on veterinary antibiotic residues and resistance in farm produces to ensure safe and quality food of animal origin; a safe food concern	Applicants Information Dr K. B. M. Saiful Islam Department of Medicine and Public Health, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar 01711120108 vetkbm@yahoo.com Co-investigators Information Dr M. A. Mannan Sher- E- Bangla Agricultural University Department of Microbiology & Parasitology Faculty of Animal Science & Veterinary Medicine Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka, Bangladesh 01818837088 1971bangla@gmail.com	16.80	3 Years
557	LS20191063	Effect of Rhizospheremicrobiome on different crop growing fields in different rice cultivars and its molecular approaches for sustainable agroecosystem	Applicants Information Prof Md. Asadul Islam Department of Genetic Engineering and Biotechnology, University of Rajshahi, Rajshahi-6205, Bangladesh Rajshahi University +8801723694067 asadgen@ru.ac.bd Co-investigators Information Prof BiswanathSikdar Rajshahi University Department of Genetic Engineering and Biotechnology, University of Rajshahi, Rajshahi-6205, Bangladesh +8801914254289 sikdar2014@gmail.com	15.80	3 Years
558	PS20191059	Label free detection of cancer biomarker through highly sensitive evanescent wave absorbance-based fiber-optic biosensor	Applicants Information Dr Tanzilur Rahman Room No: SAC 1022, 10th Floor, Department of Electrical and Electronic Engineering, Plot 15, Block B, Kuril-NSU RD, Dhaka-1229 North South University 01879462452 tanzilur.rahman@northsouth.edu	22.80	3 Years

			Co-investigators Information Dr Ahsanur Rahman North South University 9th Floor, Department of Electrical and Electronic Engineering, Plot 15, Block B, Kuril-NSU RD, Dhaka-1229 (880-2) 55668200, Ext. 1566 ahsanur.rahman@northsouth.edu		
559	SD20191058	Up-scaling of black pepper (<i>Piper nigrum</i>) based homestead agroforestry for poverty reduction of rural people in Sylhet region	Applicants Information Mohammad Samiul Ahsan Talucder Associate Profesor Department of Agroforestry & Environmental Science Sylhet Agricultural University 01711974124 talucdermsa.aes@sau.ac.bd Co-investigators Information Prof MdSharaf Uddin Sylhet Agricultural University Department of Agroforestry & Environmental Science +8801716510538 sharaf.aes@sau.ac.bd	18.80	3 Years
560	MS20191055	Developing Mathematical Algorithms and Softwares for the Model Reduction of Large-Scale Dynamical Systems.	Applicants Information Dr Mohammad Monir Uddin Department of Mathematics and Physics, SAC 1025, North South University, Bashundhara, Dhaka North South University 0255668200 Ext: 6212 (office) 01823600151 (mobile) monir.uddin@northsouth.edu Co-investigators Information Prof Dr.Farahad Uddin North South University Depart. Of Mathematics , BUET, Palashi, Dhaka - 01855518920 (mobile) kforhad77@gmail.com	16.80	3 Years
561	MS20191054	Simulation of Pollutant Dispersion in Urban Areas with Three Dimensional Building Arrays in the City of Dhaka	Applicants Information Dr Md. MamunMolla Department of Mathematics & Physics, Bashundhara, Dhaka-1229, Bangladesh North South University	14.80	3 Years

			01748037172 mamun.molla@northsouth.edu Co-investigators Information Dr Preetom Nag North South University Department of Mathematics & Physics, Bashundhara, Dhaka-1229, Bangladesh 01954766298 preetom.nag@northsouth.edu		
562	LS20191051	Antibiotics, antibiotic resistant bacteria and resistance genes in fish and shrimp aquaculture of Bangladesh	Applicants Information Dr Anwar Hossain Department of Fisheries, University of Dhaka, Dhaka-1000. Dhaka University 01972198680 ahossain@du.ac.bd Co-investigators Information Dr Md. Habibullah-Al-Mamun Dhaka University Department of Fisheries, University of Dhaka, Dhaka-1000. 01710451686 almamunhabib@du.ac.bd	18.80	3 Years
563	LS20191044	Edibility, nutritional quality and antioxidant activity of the selected species of edible bivalve mollusk from the estuarine ecosystem of Bangladesh	Applicants Information Dr Md. Mostafizur Rahman Mondol Professor, Department of Fisheries, University of Rajshahi, Rajshahi -6205. Rajshahi University 0721-711117; Mobile: 01712-581153 mostafiz_bau@yahoo.com Co-investigators Information Dr Md. AktarUzzamanChouduri Rajshahi University Professor, Department of Pharmacy, University of Rajshahi, Rajshahi -6205. +88-0721-7511110; Mobile: 01712-792350 auchow5@yahoo.com	17.80	3 Years
564	PS20191039	Investigation of nanoparticles-induced shape change and pore formation in the lipid membranes of vesicles for antibacterial	Applicants Information Dr Mohammad Abu SayemKaral Associate Professor, Department of Physics Bangladesh University of Engineering &	15.80	3 Years

		application	Technology (BUET) 9665613 (off), 01712863844 asayem221@phy.buet.ac.bd Co-investigators Information Dr Mohammad Khurshed Alam Bangladesh University of Engineering & Technology (BUET) Assistant Professor, Department of Physics 9665613 (off), 01987510256 khurshedphy@phy.buet.ac.bd		
565	LS20191030	Therapeutic Effects of Probiotics on Clinical and Sub-clinical Mastitis	Applicants Information Prof Dr. Abdul Ahad Department of Microbiology and Veterinary Public Health, Chattogram Veterinary and Animal Sciences University, Khulshi-4225, Chattogram, Bangladesh. Chittagong Veterinary and Animal Sciences University (CVASU) +8801552456759 abdul@cvasu.ac.bd Co-investigators Information Dr Eaftekhar Ahmed Rana Chittagong Veterinary and Animal Sciences University (CVASU) Department of Microbiology and Veterinary Public Health, Chattogram Veterinary and Animal Sciences University, Khulshi-4225, Chattogram, Bangladesh +8801918625437 eaftekhar787@gmail.com	19.80	3 Years
566	LS20191029	Development of oilseed Brassica genotypes resistant to Alternaria blight through accelerated genetic gain	Applicants Information Prof Arif Hasan Khan Robin Department of Genetics and Plant Breeding, Bangladesh Agricultural University, Mymensingh Bangladesh Agricultural University +8801714239469 gpb21bau@bau.edu.bd Co-investigators Information Dr Jobadatun Naher Bangladesh Agricultural University Department of Genetics and Plant Breeding, Bangladesh Agricultural University, Mymensingh-+8801717367263	20.80	3 Years

			monibdc@yahoo.com		
567	SD20191028	Climate Change Impact on Mixed Agro-Livestock Smallholders: Employing Livelihood Vulnerability Index in Drought-prone Bangladesh	Applicants Information Dr Md. Mostafizur Rahman Professor, Dept. of Agronomy & Agricultural Extension, University of Rajshahi, Rajshahi-6205 Rajshahi University (+88) 01715463770 kp@ru.ac.bd Co-investigators Information Dr A.K.M. Kanak Pervez Rajshahi University Assistant Professor, Dept. of Agronomy & Agricultural Extension, University of Rajshahi, Rajshahi-6205 +8801712980158 pervezakm@gmail.com	11.80	3 Years
568	PS20191023	Synthesis and Characterization of Zinc Oxide Nano Particles from plant extract –an ecofriendly approach	Applicants Information Dr Royhan Uddin Professor, Department of Chemistry, Comilla University, +8801711987334 royhanbau@cou.ac.bd Co-investigators Information Dr. Md. Abdul MazedPatowary Associate Professor, Department of Chemistry, Comilla University	19.80	3 Years
569	PS20191017	Synthesis of MoS2 incorporated GaFeO3 nanocomposites and investigation of their structural and magnetoresistive properties along with photocatalytic dye degradation and hydrogen production ability	Applicants Information Prof Mohammed Abdul Basith Department of Physics, Bangladesh University of Engineering and Technology (BUET), Dhaka-1000, 01552428068 01726341171, m.basith75@gmail.com mabasith@phy.buet.ac.bd, Co-investigators Information Prof Md. Forhad Mina Department of Physics, (BUET), Dhaka 01727265238 mfmina@phy.buet.ac.bd	22.80	3 Years
570	LS20191016	Impacts of Conservation Actions on Fish Biodiversity and Revision of Conservation Strategy in the Context	Applicants Information Prof Md. Monirul Islam Department of Fisheries, Dhaka University, +8801716363505 monirulislam153@yahoo.com	23.80	3 Years

		of Climate Change and Blue Economy	Co-investigators Information Dr Mohammad Shahneawz Khan Department of Fisheries, Dhaka University, Dhaka-1000 +8801712384639 shahneawz@du.ac.bd		
571	SD20191014	Environmental Governance for Achieving Sustainable Development Goals in Bangladesh: Assessing the Initiatives of City Governance Institutions under 7th Five Year Plan	Applicants Information Dr A. K. M. MahmudulHaque Associate Professor, Department of Political Science, University of Rajshahi, Rajshahi. +8801716188401 akmmahmudul@ru.ac.bd Co-investigators Information Dr Abdullah Al-Maruf Associate Professor, Deptof Geography and Environmental Studies, University of Rajshahi +8801719132500 ammaruf4@gmail.com	16.80	3 Years
572	LS20191012	Behavior of cadmium in saline soils of southwest coastal Bangladesh and alleviation of its toxicity by the application of selected organic materials	Applicants Information Prof Mohammad Zaber Hossain Professor, Soil, Water and Environment Discipline, Khulna University, Khulna +88 01911799229 zaberhossain74@yahoo.com Co-investigators Information Dr Md. Azharul Islam Associate Professor, Forestry and Wood Technology Discipline, Khulna University +88 0421 61180 (Res.); 01723 910280 iazharul@gmail.com	22.80	3 Years
573	LS20191009	Screening and molecular diagnosis of thalassemia carrier among fresher students of Jahangirnagar University: A pilot program	Applicants Iformation Prof Dr. Md. Ibrahim Khalil Department of Biochemistry and Molecular Biology, Jahangirnagar University, 1723919111 drmikhalil@gmail.com or drmikhalil@juniv.edu Co-investigators Information Prof Moazzem Hossain Jahangirnagar University	18.80	3 Years

			Thalassaemia Hospital and Institute, Birulia Union, PO: Dairy Farm, Upozila: Savar, 1715038551, moazzem.iacib@gmail.com		
574	SS20191008	Improving the Process of Inclusive Education for Autistic Children in Mainstream Schools of Bangladesh.	Applicants Information Ms RabeyaKhatun Assistant Professor, Department of Anthropology, Comilla University, Cumilla- +880-1711-461605. rabeyarabu83@gmail.com Co-investigators Information Dr Md. Mahbubur Rahman Comilla University Assistant Professor, Department of Microbiology, Central Medical College, Cumilla., +880-1675-007343. census.drmp@gmail.com	19.80	3 Years
575	LS20191007	Reduction of Cadmium uptake in rice by cultivar selection and lowering its bioavailability in agricultural soil by application of selected organic materials	Applicants Information Prof KhandokerQudrataKibria Professor, Soil, Water and Environment Discipline, Khulna University, Khulna 9208, +88 01789441882 kibriaku@yahoo.com Co-investigators Information Prof Dr. Md. Atikulislam, Environmental Science Discipline, Khulna University, Khulna, +88 01735577787 atikku_es@yahoo.com	22.80	3 Years
576	LS20191003	Exploration, documentation and nutritional analysis of traditional ethnic fruit diversity of Chittagong Hill Tracts- an approach to additional fruit source for Bangladesh •	Applicants Information Dr MOHAMMAD MAHFUZUR RAHMAN Department of Botany, Jahangirnagar University, Savar, Dhaka-1342 01818 339614, 01879625889 mmrahman1518@gmail.com Co-investigators Information Mr MAHFUZ HOSSAIN MIRDAH Jahangirnagar University Department of Agricultural Extension, Khamarbari, Dhaka 01552 340188 mahfuzmirdah@yahoo.com	17.80	3 Years

577	PS20191001	Designing water-based adhesives from polyampholyte system	Applicants Information Dr Chanchal Kumar Roy Department of Chemistry, Bangladesh University of Engineering and Technology (BUET), Dhaka, 88-01716507085 ckroy@chem.buet.ac.bd Co-investigators Information Dr Abu Bin Imran Department of Chemistry, Bangladesh University of Engineering and Technology (BUET), Dhaka 88-01712762745 abimran@chem.buet.ac.bd	22.80	3 Years
578	LS2019996	Biofloc Technology in Aquaculture: Enhancing Higher Productivity, Higher Income and Support Sustainable Development Goals	Applicants Information Dr Nirmal Roy Professor, Department of Fish Biology and Genetics, Faculty of Fisheries, Sylhet Agricultural University, Sylhet-3100 01712170930, ncroy.sau@gmail.com Co-investigators Information Dr Md. Sahab Uddin Professor, Department of Aquaculture, Faculty of Fisheries, Sylhet Agricultural University, Sylhet-3100 01712-260256 shahabuddin10@live.com	16.80	3 Years
579	LS2019991	Establishment of semen bank and AI for speed up of goat production with increased genetic merit	Applicants Information Prof AzizunnesaRekha Department of Medicine and Surgery, Chittagong Veterinary and Animal Sciences University , Chottogram 01925162330, 01716955099 msrekha04@yahoo.com Co-investigators Information Mr MdParvez Department of Medicine and Surgery, Chittagong Veterinary and Animal Sciences University , Chottogram, 4225 +8801717421335 aparvez0445@gmail.com	23.80	3 Years
580	LS2019990	Characterization of Pathogenic Microorganisms of	Applicants Information Dr Rashed Zaman	17.80	3 Years

		Citrus with Their Antagonistic Management	Dept. of Genetic Engineering and Biotechnology, University of Rajshahi, Rajshahi-6205,, +880 1712 026541 rashedzaman@ru.ac.bd Co-investigators Information Mr Md. Faruk Hasan Dept. of genetic Engineering and Biotechnology, University of Rajshahi, +881726802092, faruk_gcb@ru.ac.bd		
581	LS2019989	Determination of the minimum concentration of each antibiotic, heavy metals and metals for emergence of the antibiotic resistance superbug bacteria.	Applicants Information Dr MD Mohasin Department of Biochemistry and Molecular Biology, University of Dhaka 01778138215 mohasin@du.ac.bd Co-investigators Information Dr Tania Rahman Department of Biochemistry and Molecular Biology, University of Dhaka 01917285696 tania.rahman@du.ac.bd	22.80	3 Years
582	LS2019986	Genotypic and in vivo assessment of environmental Escherichia coli isolates as a potential vaccine against Shigellosis.	Applicants Information Dr Selina Akter Department of Microbiology, Room 413, BSM Academic Building 8801740927373 s.akter@just.edu.bd Co-investigators Information Prof Nils-Kare Birkeland Department of Biological Science, P.O. Box 7803 N-5020 Bergen Norway 8801627551090 Nils.Birkeland@bio.uib.no	20.80	3 Years
583	LS2019982	Isolation, Biomolecular Characterization and Mass Production of Salt-tolerant, Phosphate-solubilizing Bacteria and Its Utilization in Crop Production in Coastal Bangladesh	Applicants Information Prof. Sheikh Julfikar Hossain Biotechnology and Genetic Engineering Discipline, Khulna University, Khulna 01732718009 sjhossainbgeku@gmail.com; sjhossain_ku@yahoo.com Co-investigators Information	20.80	3 Years

			Dr. Sk. Amir Hossain Associate Professor, Biotechnology and Genetic Engineering Discipline, Khulna University, Khulna 01998902265/ 01998902264 isti_99@yahoo.com		
584	LS2019979	Prevention of Breast Cancer with Natural Compounds from <i>Tridaxprocumbens</i>: Bangladesh Perspective	Applicants Information Prof. Dr. Md. Abdullah Al Mamun Department of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology, Sylhet-3114, +8801714516919, mssohel@yahoo.com Co-investigators Information Dr Md. Jahangir Alam Department of Genetic Engineering and Biotechnology, SUST, Sylhet-3114, + 880-1919318542, mja.gebsust@yahoo.com	18.80	3 Years
585	LS2019975	Broodstock development, induced breeding and cryogenic gene banking of critically endangered indigenous Mohashol Tor tor	Applicants Information Prof Md. Rafiqul Islam Sarder Department of Fisheries Biology and Genetics, Bangladesh Agricultural University, Mymensingh 01712015908 rafiquisarder@yahoo.com Co-investigators Information Prof Md. Ahsan Bin Habib Department of Aquaculture, Bangladesh Agricultural University, Mymensingh 01711373207 ahsanmphd@yahoo.com	24.80	3 Years
586	SD2019972	Domain wall dynamics in magnetic nanowire under thermal gradient	Applicants Information Dr Torikulislam Physics discipline, Room 3488, KabiJibanananda Das Academic Building (3rdAcademic Building), Khulna University, Khulna-9208., 01767277654 torikul@phy.ku.ac.bd Co-investigators Information Prof. Dr. FarzanaNahid Physics Discipline, Khulna University Khulna-9208, 01911767689 mrrahman08@phy.ku.ac.bd	12.80	3 Years

587	SD2019967	Food safety issues: antimicrobial uses and their residues in foods of animal origin	Applicants Information Prof Mohammad Mahmudul Hassan Department of Physiology, Biochemistry and Pharmacology, FVM, CVASU +8801554326951 miladhasan@cvasu.ac.bd Co-investigators Information Dr Shahneaz Ali Khan Department of Physiology, Biochemistry and Pharmacology, FVM, CVASU + 8801999527495 shahneazbat@gmail.com	22.80	3 Years
588	LS2019964	Molecular characterization of the fungal pathogens in dragon fruit plants and its eco-friendly conservation	Applicants Information Professor Dr. Md. NuhuAlam Laboratory of Mycology and Plant Pathology, Department of Botany, Jahangirnagar University, Savar, Dhaka- +880-1711-462417 mnabotju@yahoo.com; mnabotju@gmail.com Co-investigators Information Professor Dr. NazmulAlam Department of Botany, Jahangirnagar University, Savar, Dhaka-1342, +880-1912-251948, alam.nazmul65@yahoo.com	20.80	3 Years
589	LS2019959	Efficacy, Phytotoxicity and Economics of Commonly Used Herbicides under Different Rice Establishment Methods	Applicants Information Dr A K M Mominul Islam Department of Agronomy, Bangladesh Agricultural University, Mymensingh-2202 +8801718512082 akmmominulislam@bau.edu.bd Co-investigators Information Prof Md. Parvez Anwar Department of Agronomy, Bangladesh Agricultural University, Mymensingh- +88019122114281 parvezanwar@bau.edu.bd	16.80	3 Years
590	LS2019956	Antibacterial activity of flavonoids to enhance the sustainability of commercial drugs	Applicants Information Dr Ahsan Habib Biotechnology and Genetic Engineering	17.80	3 Years

		against antibiotic resistant bacterial isolates	Discipline, Khulna University, Khulna-+8801770058070, ahsan.bge@gmail.com Co-investigators Information Dr Sheikh Julfikar Hossain Biotechnology and Genetic Engineering Discipline, Khulna University, Khulna-9208, +8801732718009 sjhossain_ku@yahoo.com		
591	PS2019949	Electrochemical Conversion of Carbon dioxide (CO2) into Useful Chemicals and Electricity	Applicants Information Prof Dr. Md.KamrulAlam Khan Department of Physics, JagannathUniversity,Dhaka, +8801911357447 kakhan01@yahoo.com Co-investigators Information Mr Mohammad Al Mamun Department of Chemistry , Jagannath University, Dhaka, +8801712502491 zithrox@gmail.com	12.80	3 Years
592	LS2019947	Study on Epidemiology and Pathogenicity of Viral Diseases of Poultry by ELISA and Immunohistochemistry in the Barind Tract	Applicants Information Dr Md. Golbar Hossain Associate Professor, Department of Veterinary and Animal Sciences, Rajshahi University, Rajshahi-6206 +88 01768 496589 hossainmg88ru@yahoo.com Co-investigators Information Prof Shah Md. Abdur Rauf Professor, Department of Veterinary and Animal Sciences, Rajshahi University, Rajshahi-+88 01712 841272 rauf_94@yahoo.com	17.80	3 Years
593	LS2019944	Occurrence of multidrug resistant bacteria in agricultural soil and its potential impact on raw vegetables	Applicants Information Prof Dr. FARZANA NEELA Department of Botany, Rajshahi University, Rajshahi-6205 Department of Botany, Rajshahi University, Rajshahi-6205 nfarzanaashrafi@yahoo.com Co-investigators Information Prof Dr. LIPIKA GHOSH	20.80	3 Years

			Department of Botany, Rajshahi University, Rajshahi-6205 0721-711118 (Office); 01716389838 (Cell) lipika_ru@yahoo.com		
594	LS2019943	Screening of High Capsaicin Rich and High Yielding Hot Chilli Genotypes for Future Varietal Improvement	Applicants Information Prof Dr. Md. Mokter Hossain Department of Horticulture, Bangladesh Agricultural University, Mymensingh-01748020966 mokter.agr@bau.edu.bd Co-investigators Information Prof Dr. Md. Ashraful Islam Department of Horticulture, Bangladesh Agricultural University, Mymensingh-01716807130 ashraf_hort@yahoo.co.uk	22.80	3 Years
595	LS2019942	Development of cotton-based agroforestry model for farmers livelihood improvement in the Charland areas of Bangladesh	Applicants Information Mr Mohammad Kamrul Hasan Associate Professor, Department of Agroforestry, BAU, Mymensingh-2202 +8801718761917 mkhasanaf@bau.edu.bd Co-investigators Information Dr G M Mujibar Rahman Professor, Department of Agroforestry, BAU, Mymensingh-2202, Bangladesh +8801712614752 gmmrbau@yahoo.com	20.80	3 Years
596	LS2019935	Analysis of the prevalence of emerging carbapenemases in the clinical samples of Bangladesh	Applicants Information Dr MdMizanurRahaman Department of Microbiology, Science Complex, University of Dhaka, Dhaka +8801796585290, razu002@du.ac.bd Co-investigators Information Dr Hussain MdShahjalal Dhaka University Department of Biochemistry and Molecular Biology, Jahangirnagar University, Savar, +8801712250112 shahjalal-bmb@juniv.edu	17.80	3 Years
597	SD2019931	Development of a mathematical model to calculate optimized	Applicants Information	19.80	3 Years

		distance between furrows in raised bed water saving techniques for rice and non-rice crops cultivation	Dr A.K.M. Adham Professor, Department of Irrigation and Water Management, Bangladesh Agricultural University, Mymensingh- +8801712634374 adhamiwm@gmail.com Co-investigators Information Dr Mohammed Mizanur Rahman Associate Professor, Dept. of Irrigation and Water Management, BAU, Mymensingh- +8801717825850 mizaniwm@bau.edu.bd		
598	PS2019928	Development and standardization of processes for value added Beet Roots products commercialization	Applicants Information Prof Bellal Hossain Nutrition and Food Engineering, Daffodil Tower, 4/2, Sobhanbagh, Mirpur Road, Daffodil International University 01680378493 drbellal@daffodilvarsity.edu.bd Co-investigators Information Dr Md. Rezaul Karim Daffodil International University Nutrition and Food Engineering, Daffodil Tower, 4/2, Sobhanbagh, Mirpur Road, +8801684997452 drrezaul.nfe@diu.edu.bd	22.80	3 Years
599	SD2019926	Extraction, Process Optimization and grading of Agar wood oil for commercial exploitation.	Applicants Information Dr Aziz Mohammad Gulzarul Department of Food Technology & Rural Industries, Bangladesh Agricultural University, Mymensingh 01631748866 aziz_ftri@bau.edu.bd Co-investigators Information Ms Poly Karmaker Department of Food Technology & Rural Industries, Bangladesh Agricultural University, Mymensingh 01757423837, poly.ftri@gmail.com	22.80	3 Years
600	LS2019925	Chronic exposure of drugs residues to human health through meat, milk, egg and poultry products & byproducts:	Applicants Information Prof MD. ISLAM Department of Pharmacology, Bangladesh Agricultural University Mymensingh,	22.80	3 Years

		A long term exposure of drugs residues study in laboratory animals to establish the legisl	01733980575 shafiqpharma@yahoo.co.uk Co-investigators Information Dr MD. ISLAM Department of Pharmacology, Bangladesh Agricultural University Mymensingh-01727211973 khokon_bau@yahoo.com		
601	LS2019920	Molecular characterization of growth hormone genes and selection of fast growing stinging catfish (Heteropneustes fossilis, Bloch) by marker assisted selection	Applicants Information Dr Md. Samsul Alam Department of Fisheries Biology and Genetics Bangladesh Agricultural University +8801727163054 samsul.alam@bau.edu.bd Co-investigators Information Dr Mohd Golam Quader Khan Department of Fisheries Biology and Genetics , Bangladesh Agricultural University, +8801752388962 khanmgq@bau.edu.bd	17.80	3 Years
602	LS2019914	Isolation and Characterization of Actinomycetes from Marine Coastal Sediments of the Sundarbans for Potential Bioactive Compounds.	Applicants Information Prof S. M. Mahbubur Rahman Biotechnology and Genetic Engineering Discipline, Khulna University, Khulna-9208 +880-1711131573 manmr2003@yahoo.com Co-investigators Information Mr Md. Emdadul Islam Biotechnology and Genetic Engineering Discipline, Khulna University, Khulna-9208 +880-01712773266 emdad950711@yahoo.com	22.80	3 Years
603	LS2019910	Determination and mitigation of microbial and chemical contaminants (heavy metals) in poultry meat, egg, farm milk, milk products and farm fishes along with their sources (animal feed, soil and	Applicants Information Dr Rasheda Shilpi Professor, Department of Botany, Jahangirnagar University, Savar, Dhaka - 01741405522 shilpi.rasheda@gmail.com	22.80	3 Years

		water)	Co-investigators Information Dr Mohammad Hossain Professor, Department of Botany, Jahangirnagar University, Savar, Dhaka - 01817503384, kamal_juniv@yahoo.com		
604	PS2019909	Nanotechnology for high performance smart leather production system	Applicants Information Dr. MD. ABDULLA-AL-MAMUN University of Dhaka, Institute of Leather Engineering and Technology, 44-50 Hazaribagh, Dhaka-1209 +880-9613728, Cell: +88-01764198278 mamun.ilet@du.ac.bd Co-investigators Information Prof. Sayed Md. Shamsuddin University of Dhaka, Institute of Leather Engineering and Technology, 44-50 Hazaribagh, Dhaka-1209 +88-0171673306511, sdin@du.ac.bd	20.80	3 Years
605	LS2019899	Phytodesalination of saline soil using halophytes for sustainable crop production in salinity prone coastal areas of Bangladesh	Applicants Information Dr Md. Shariful Islam Professor, Department of Agricultural Chemistry, Patuakhali Science and Technology University, Dumki, Patuakhali-8602, 01721084073 sharifulpstu@yahoo.com Co-investigators Information Dr Md. Nizam Uddin Professor, Department of Agricultural Chemistry, Patuakhali Science and Technology University, Dumki, Patuakhali-8602, 01685479913 mnizamacm@yahoo.com	22.80	3 Years
606	LS2019892	Population Structuring of Endangered Loach (Botiadario) and Butter Catfish (Ompokpabda) in Bangladesh: An Initiative to Identify Local Conservation Units	Applicants Information Prof M NiamulNaser Department of Zoology, University of Dhaka. 01711707217 mnnaser@du.ac.bd Co-investigators Information Dr MdLifatRahi Fisheries and Marine Resource Technology Discipline, Khulna University, Khulna,	24.80	3 Years

			01796875647 lifatrahi@gmail.com		
607	LS2019883	Evaluation of hypoglycemic and hypolipidemic potential of Jackfruit seed flour supplementation in diets: an approach to achieve sustainable food security	Applicants Information Dr ChayonGoswami Department of Biochemistry and Molecular Biology, Bangladesh Agricultural University, Mymensingh +8801752307055 chayon.goswami@bau.edu.bd Co-investigators Information Dr RakhiChacrabati Graduate Training Institute, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh. +8801752306950 rakhi.bau10@gmail.com	16.80	3 Years
608	LS2019879	Early Prediction of cardiovascular disease through study of PCSK9, ABCA1, CETP gene mutation in Bangladeshi population	Applicants Information Prof KaziMd Faisal Hoque Department of Genetic Engineering and Biotechnology, Molecular Biology and Protein Science Lab, Rajshahi University 01711902606 faisal.geb@ru.ac.bd Co-investigators Information Prof ZennatFerdousi Department of Genetic Engineering and Biotechnology, Molecular Biology and Protein Science Lab, University of Rajshahi, 01716695977 ferdousi04@yahoo.com	20.80	3 Years
609	LS2019878	Isolation and evaluation of biofilm producing endophytic microorganisms with potential application for biological control of Magnaportheoryzae in rice	Applicants Information Dr Md. Motaher Hossain Associate Professor Department of Plant Pathology, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 01917043506 hossainmm@bsmrau.edu.bd Co-investigators Information Mr Md. TanbirRubayet Assistant Professor Department of Plant Pathology, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur-01717313156 tanbir86plp@gmail.com	20.80	3 Years

610	SS2019871	Traffic congestion is a big challenge for Dhaka City? : Analysis from Stakeholders Perspectives	Applicants Information Prof Farida Akhter Khanam Department of Sociology, Jagannath University(JNU), Dhaka-1100 01712802682 faridakhanam64@yahoo.com Co-investigators Information Prof A.B.M Alauddin Chowdhury Department Of Public Health, Daffodil International University,Dhanmondi, Dhaka 01921200890 abmhasan@yahoo.com	14.80	3 Years
611	LS2019862	Identification of pure Red junglefowl (Gallus gallus) populations by molecular studies and ex-situ conservation as the native genetic resource of Bangladesh	Applicants Information Dr Md. HosneMobarak Department of Genetics and Animal Breeding, HSTU, Hajee Mohammad Danesh Science and Technology University, Dinajpur-5200 01744326679 gab2018@hstu.ac.bd Co-investigators Information Prof. Dr. Md. Toheder Rahman Dept. of Anatomy and Histology Hajee Mohammad Danesh Science and Technology University, Dinajpur-5200 01992118742 tohidvet@yahoo.com	20.80	3 Years
612	LS2019861	Development of insect biorefinery: a green approach for conversion of organic wastes into livestock feed and biofuels	Applicants Information Prof Md. Golam Mostafa Department of Zoology, Jahangirnagar University, Savar, Dhaka-1342 01956473526 bdmostafa@gmail.com; bdmostafa@yahoo.com Co-investigators Information Prof Saadia Ahmad Department of Zoology, Jahangirnagar University, Savar, Dhaka-1342 01750429942 ahmad.saadia@yahoo.com	22.80	3 Years

613	LS2019859	Survey, identification, characterization, mechanisms of herbicide resistant weeds and diverse approaches for their management in Bangladesh	Applicants Information Dr Md. Romij Uddin Professor, Department of Agronomy, Bangladesh Agricultural University, Mymensingh, 091-67401 ext. 64119 romijagron@bau.edu.bd Co-investigators Information Dr UttamKumerSarker Associate Professor, Department of Agronomy, Bangladesh Agricultural University, Mymensingh, Bangladesh 091-67401 ext. 64127 uttam@bau.edu.bd	19.80	3 Years
614	LS2019858	Novel bioactive peptides sequencing by LC-MS/MS from protease treated rice bran subsequently bio-informatics and animal experiment for healthful use	Applicants Information Dr Md. Alauddin Department of Nutrition and Food Technology, University of Science and Technology, Jessore-7408, Bangladesh 8801717061127 mdalauddin1181@gmail.com Co-investigators Information Prof Zakir Hossain Howlader Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka-1000, Bangladesh +8801716409601 hhzakir@yahoo.com	16.80	3 Years
615	LS2019853	Genomic Imprints for Identifying Candidate Genes Involved with Specific Disease Resistance in Tiger Shrimp (Penaeus monodon)	Applicants Information Dr MdLifatRahi Associate Professor, Fisheries and Marine Resource Technology (FMRT) Discipline, Khulna University, Khulna-9208, +8801796875647 lifatrahi@gmail.com Co-investigators Information Mr WasimSabbir Associate Professor, Fisheries and Marine Resource Technology (FMRT) Discipline, Khulna University, Khulna-9208, Bangladesh +8801627-151256 wasimsabbir@gmail.com	22.80	3 Years

616	LS2019847	Mechanistic basis of cadmium stress tolerance in rice	Applicants Information Mr Md. Mostafizur Rahman Rahman Department of Botany, Rajshahi University 01717450964 muradbt@yahoo.com Co-investigators Information Dr. Md. SarowerParvez Department of Botany, Rajshahi University	14.80	3 Years
617	SD2019846	Decarboxylation of Frying Oil for Production of Liquid Transportation Fuel	Applicants Information Dr MdZakir Hossain Associate Professor, Dept. of Chemical Engineering & Polymer Science, Shahjalal University of Science & Technology, Sylhet 3114, Bangladesh +8801730205001 zakir-cep@sust.edu, mzhbd1979@gmail.com Co-investigators Information Mr MdShahadat Hossain Assistant Professor, Dept. of Chemical Engineering & Polymer Science, Shahjalal University of Science & Technology, Sylhet 3114, Bangladesh +8801914844809 shahadat_cep43@yahoo.com	17.80	3 Years
618	SD2019841	Development of Efficient Electrochemical Sensor Based on Metal Oxide Semiconductor Nanoparticles for Environmental Monitoring	Applicants Information Dr Md. Tamez Uddin Department of Chemical Engineering and Polymer Science, Shahjalal University of Science and Technology, 3114-Sylhet +8801798699800 mtuddin_cep@yahoo.com Co-investigators Information Dr Muhammad Zobayer Bin Mukhlish Department of Chemical Engineering and Polymer Science, Shahjalal University of Science and Technology, 3114-Sylhet +880 1912815531 zobayer_ceps@yahoo.com	15.80	3 Years
619	SD2019840	Catalytic transformation of CO2 into renewable fuel	Applicants Information Dr MdAminul Islam	19.80	3 Years

			Department of Petroleum and Mining Engineering, Jessore University of Science and Technology, Jessore-7408, +8801797258131 aminul03211@yahoo.com Co-investigators Information Prof Mohammad Tofayal Ahmed Department of Petroleum and Mining Engineering, Jessore University of Science and Technology, Jessore-7408 +88-01961476003 aminul_pme@just.edu.bd		
620	LS2018836	Selenium biofortification of crops to improve crop quality and human nutrition	Applicants Information Dr MdTanvir Ahmed Chowdhury Department of Soil, Water and Environment Dhaka University 01912057535 mta.chowdhury@du.ac.bd Co-investigators Information Prof ZakiaParveen Department of Soil, Water and Environment, Dhaka University 01764055613 zakiaparveen1@yahoo.ca	22.80	3 Years
621	PS2018828	SUPPLY OF SUSTAINABLE RENEWABLE ENERGY THROUGH SOLAR-BIOGAS HYBRID SYSTEM IN NON-URBANIZED AREAS	Applicants Information Dr Muhammad Rashed Al Mamun Associate Professor, Department of Farm Power and Machinery, Faculty of Agricultural Engineering and Technology, Sylhet Agricultural University, Sylhet-+88-01756-878791;+88-01913-323845 rashed.fpm@sau.ac.bd Co-investigators Information Ms SherminAktar Assistant Professor, Department of Farm Power and Machinery, Faculty of Agricultural Engineering and Technology, Sylhet Agricultural University, Sylhet-+8801746610499 sherminrimi@gmail.com	18.80	3 Years
622	LS2018826	Creation of Variants and Selection of Resistant	Applicants Information	16.80	3 Years

		Rice Genotype(s) against Blast (Magnaportheorizae) Disease through Mutation Breeding	Dr. Md. Monirul Islam Professor, Agrotechnology Discipline, Khulna University, Khulna-9208, +8801741745787 moniratku@gmail.com Co-investigators Information Ms. Mst. Sabiha Sultana Associate Professor, Agrotechnology Discipline, Khulna University, Khulna- +8801988264339 hure_jannat888@yahoo.com		
623	LS2018824	Monitoring of dengue vector(s) and develop early warning surveillance system to recommend the sustainable dengue prevention strategies for Bangladesh	Applicants Information Prof Kabirul Bashar DNA Barcoding laboratory, Department of Zoology, Faculty of Biological Sciences, Jahangirnagar University +8801711130312 or +8801971130312 bkabirul@juniv.edu Co-investigators Information Prof Abdul Jabber Hawlader DNA Barcoding laboratory, Department of Zoology, Faculty of Biological Sciences, Jahangirnagar University +8801718031541 jabberjuniv@gmail.com	22.80	3 Years
624	LS2018822	ANTIBIOTIC RESISTANCE PREVENTION USING LIPOSOMAL NANO DRUG DELIVERY SYSTEM OF EPIGALLOCATECHIN GALLATE (EGCG)	Applicants Information Dr Mohammad Shariare Associate Professor, Department of Pharmaceutical sciences, North South University, Bashundhara , Dhaka -1229 , +8801716620012 (cell) mohammad.shariare@northsouth.edu Co-investigators Information Dr. Abdullah Al Masum Assistant Professor, Department of Pharmaceutical sciences, North South University, Bashundhara , Dhaka -1229 +8801988303763 abdullahal.masum@northsouth.edu	20.80	3 Years
625	LS2018819	Molecular mechanism of arsenic induced diabetes and potential remedies	Applicants Information Dr Abu AshfaqurSajib Department of Genetic Engineering and Biotechnology,5th floor, Science Complex	16.80	3 Years

			Building, University of Dhaka +88-01981 910626 abu.sajib@du.ac.bd Co-investigators Information Ms Nilanjana Paul Department of Genetic Engineering and Biotechnology, 5th floor, Science Complex Building, University of Dhaka +88-01716284981 nilgeb05@gmail.com		
626	LS2018818	Use of Seaweed for Ruminant Nutrition	Applicants Information Prof Abu Selim Professor, Department of Animal Science & Nutrition, Faculty of Veterinary Medicine and Animal Science, BSMRAU, Gazipur-1706. 8801718370722 asmselim@bsmrau.edu.bd Co-investigators Information Dr Rubayet Bostami Asst. Professor, Department of Animal Science & Nutrition, Faculty of Veterinary Medicine and Animal Science, BSMRAU, Gazipur-1706. 01716632251 rubayetbau@gmail.com	24.80	3 Years
627	SD2018817	Assessment of heavy metal pollution by industrial effluent discharge	Applicants Information Mr Md. Shirajul Sarkar Department of Fisheries Technology, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur- 1706 Mobile: +8801795982613, +8801676243597 sislam@bsmrau.edu.bd, md.shirajulislamtul@yahoo.com Co-investigators Information Dr. Habibur Rahman Department of Entomology, Bangabandhu	17.80	3 Years

			Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur- 1706 Mobile: +8801715296456 hrahman@bsmrau.edu.bd		
628	LS2018812	Development of Sediments Quality Triad (SQT) for the comprehensive evaluation of the toxicity of sediments of the River Burigonga and its two linked rivers (Dhaleswari and Turag): An approach to ident	Applicants Information Dr Md. BakiBillah Associate Professor, Depaertment of Zoology, Jahangirnagar University, Savar, Dhaka-1342 +8801756499600/01915105323 bakibillah29@gmail.com Co-investigators Information Dr Ayesha Sharmin Department of Chemistry, Bangladesh University of Engineering and Technology (BUET), Dhaka- 1000 +880-2-9665614/ 01872994210 ayeshasharmin900@gmail.com	20.80	3 Years
629	LS2018807	Screening and characterization of health promoting lactic acid bacteria from the available fermented milk in the market of Bangladesh: an approach against the inappropriate labeling of the products wi	Applicants Information Prof Mohammad Shohel Rana Siddiki Department of Dairy Science, Bangladesh Agricultural University, Mymensingh +88 01718-158133 msrsiddiki@bau.edu.bd Co-investigators Information Mr Md. Abid Hassan Sarker Department of Dairy Science, Bangladesh Agricultural University, Mymensingh +88 01722-607050 abid.ds@bau.edu.bd	21.80	3 Years
630	LS2018797	Experimental and modeling approach of maize yield and water productivity under deficit irrigation	Applicants Information Dr Deen Islam Professor, Dept. of Irrigation and Water Management, Bangladesh Agricultural University, Mymensingh-2202 01716017854 deenislam77@gmail.com Co-investigators Information Mr MdTouhidul Islam Assistant Professor, Dept. of Irrigation and Water Management, Bangladesh Agricultural University, Mymensingh-01723936168	22.80	3 Years

			touhidul.iwm@bau.edu.bd		
631	LS2018794	Feasibility and Profitability of Early winter vegetables cultivation in Sack as relay crop in Transplanted Aman field of Southwest Bangladesh	Applicants Information Prof Md. Abdul Mannan Agrotechnology Discipline, Khulna University, Khulna-9208, Bangladesh 01716703576 mannanku@gmail.com Co-investigators Information Mr Md. Mostofa Kamal Assistant Professor, Agrotechnology Discipline, Khulna University, Khulna-9208, Bangladesh 01714672726 mostofaku@gmail.com	12.80	3 Years
632	LS2018791	Development and commercialization of bacteriophage based products for controlling the occurrence of Salmonella spp. in poultry	Applicants Information Prof SabitaRezwana Rahman Department of Microbiology, University of Dhaka, Dhaka-1000 01552638020 sabita_rahman@hotmail.com Co-investigators Information Prof Md. Majibur Rahman Department of Microbiology, University of Dhaka, Dhaka-1000 01552459425 majibrahman@gmail.com	22.80	3 Years
633	LS2018790	Understanding the feasibility of training integration to improve safe and nutritious street food availability in Sylhet City: A System Dynamics	Applicants Information Dr G.M. Rabiul Islam Department of food Engineering and Tea Technology, Shahjalal University of Science and Technology, Sylhet-3114, 008801787323944 rabi14@yahoo.com Co-investigators Information Dr Md. MozzamelHoque Department of food Engineering and Tea Technology, Shahjalal University of Science and Technology, Sylhet-3114, 01715492961 hoquemmm@gmail.com	20.80	3 Years
634	LS2018786	Bioremediation of industrial pollutants from environment using	Applicants Information	20.80	3 Years

		microorganisms	PROF. SANGITA AHMED DEPARTMENT OF MICROBIOLOGY, UNIVERSITY OF DHAKA, DHAKA +8801766946585 sangita@du.ac.bd Co-investigators Information Md. Ibrahim Miah DEPARTMENT OF MICROBIOLOGY UNIVERSITY OF DHAKA, DHAKA +0172355509 ibrahim@du.ac.bd		
635	LS2018784	Detection and molecular characterization of antimicrobial resistant bacteria in foods of animal origin	Applicants Information Prof Md. Ariful Islam Department of Microbiology & Hygiene Bangladesh Agricultural University 01711390939, islamma@bau.edu.bd Co-investigators Information Prof Mst. MinaraKhatun Department of Microbiology & Hygiene Bangladesh Agricultural University	17.80	3 Years
636	LS2018783	Investigation of Enteric pathogens as a Bio-indicator of water pollution and Their Characterization From different Sources of Water	Applicants Information Prof Anowara Begum Department of Microbiology, University of Dhaka, Dhaka-1000, Bangladesh 88-01926923962 anowara@du.ac.bd ; anowara71@yahoo.com Co-investigators Information Prof Humaira Akhter Department of Microbiology, University of Dhaka, Dhaka-1000, Bangladesh 88-01552314010 humaira@du.ac.bd	18.80	3 Years
637	LS2018782	A quest by next generation sequence for nitrogen fixer and plant growth promoter as biofertilizer mixed culture candidates: innovation of sustainable and green technology for Bangladesh.	Applicants Information Prof Dr. Md. Iqbal KabirJahid Department of Microbiology Jessore University of Science and Technology (JUST) 01709818178 ikjahid_mb@just.edu.bd Co-investigators Information	22.80	3 Years

			Dr Md. MizanurRahaman Department of Microbiology Jessore University of Science and Technology (JUST) 01796585290 razu002@du.ac.bd		
638	LS2018777	Fungal endophyte Metarhizium for the improvement of rice performance under salt stress: possible strategies to challenge global salinity	Applicants Information Dr Shah Mohammad Naimul Islam Department of Biotechnology Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) 01717719735 naimul@bsmrau.edu.bd Co-investigators Information Dr TutanKumer Gosh Professor Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) Department of Biochemistry and Molecular Biology	24.80	3 Years
639	LS2018776	Studying vitamin D status in autism spectrum disorder and the efficacy of vitamin D supplementation in autistic children in Bangladesh	Applicants Information Prof Abu Syed Md. Mosaddek House: 34, Road: 04, Sector: 09, SonargaonJanapath, Uttara, Dhaka-1230. Uttara Adhunik Medical College +8801711483814 Drmosaddek25@gmail.com Co-investigators Information Dr JahanaraLaizu Uttara Adhunik Medical College House: 34, Road: 04, Sector: 09, SonargaonJanapath, Uttara, Dhaka-1230. 01726737476 Drmosaddek25@gmail.com	19.80	3 Years
640	LS2018708	Epidemiological studies on shiga toxin-producing Escherichia coli O157:H7 and cytolethal distending toxin- producing Campylobacter jejuni from foods and diarrhoeal stools in Mymensingh	Applicants Information Prof S. M. LutfulKabir Dept. of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh-2202 +8801754987218 lkabir79@bau.edu.bd Co-investigators Information Prof Md. Mahmudul Hasan Sikder	22.80	3 Years

			Dept. of Pharmacology, Bangladesh Agricultural University, Mymensingh +8801766677178 drmsikder@bau.edu.bd		
Total =				2421.4	

**শিক্ষাখাতে উচ্চতর গবেষণা সহায়তা কর্মসূচির আওতায় বাস্তবায়িত
গবেষণা প্রকল্পের সার সংক্ষেপ:**

অর্থ বছর	বাস্তবায়িত প্রকল্প সংখ্যা	মোট ব্যয় (লক্ষ টাকা)
২০১০- ১১	০৪	৩৮.১
২০১১- ১২	২০	৩১২.৪
২০১২- ১৩	১৪	২২৮.৪
২০১৩- ১৪	১১	১৩৮.৩৪
২০১৪- ১৫	২৮	৬২১.৭
২০১৫- ১৬	৩৬	৮৩৮.৬৪
২০১৬-১৭	৩৯	৭৮৬.১৫
২০১৭-২০১৮	৭৭	১৭৩৬.০৯
২০১৮-২০১৯	৭৩	১৬২৭.৫০
২০১৯-২০২০	৮৬	১৫৬১.৮০
মোট	৩৮৮	৭৮৮৯.১২

2017-2018_ List of completed projects				
1	LS14215	Role of Chronic Viral	3yrs	17.40

	Dr. Saif Ullah Munshi Associate Professor, Bangabandhu Sheikh Mujib Medical University, Shahbag, Dhaka-1000 Cell-01711376343 Email: saifmunshi@yahoo.com	Hepatitis in causation of diabetes mellitus- A micRNomics, Metabonimics and citokine profiling study		
2	LS14285 Dr. Afzalun Nessa Associate Professor Dept of Virology BSM Medical University, Shahbag, Dhaka Cell- 01552305903 E mail- afzalunnessa@yahoo.com	Host Genetic factors influencing antibody response following Hepatitis B Virus Vaccination	3yrs	18.40
3	PS14122 Dr. Hafiz Md. Hasan Babu Professor Department of Computer Science and Engineering New Science Complex, University of Dhaka, Dhaka Cell- 01711351055 E mail- hafizbabu@hotmail.com	Design and Implementation of a Low Power Quantum Arithmetic Logic Unit	3yrs	28.10
4	PS14267 Dr. Mohammed Abdul Basith Assistant Professor Department of Physics, Bangladesh University of Engineering and Technology(BUET), Dhaka- 1000, Cell- 01552428068 E mail- m.basith75@gmail.com	Synthesis and Characterization of multiferroic nanoparticles for energy applications	3yrs	26.79
5	LS1477 Dr. K. B. M. Saiful Islam Assistant Professor Department of Medicine & Public Health Faculty of Animal Science & Veterinary Medicine Sher-e-Bangla Agricultural University Dhaka- 1207 Cell- 01674173844 E mail- vetkbm@yahoo.com	Development of multispecies/multistrains probiotic mixture from Bangladeshi local isolates and their validation for potential use in commercial poultry industry.	3yrs	24.40

6	MS14175 Dr. Saifuddin Md. Tareeq Professor Department of Computer Science and Eng. University of Dhaka, Dhaka Cell- 01715062737 E mail smtareeq@cse.univdhaka.edu	Developing Low Cost Robotic kit and Graphical Programming Language for School Students	3yrs	29.10
7	SS14128 Dr. Nezamuddin Ahmad Professor Centre for Palliative Care, Block-E (4th floor), Bangabandhu Sheikh Mujib Medical University (BSMMU) Shahbag, Dhaka-1000, Bangladesh Phone- 9666871/01715023675 E mail- nezamcpc@gmail.com	Establishment of a community based home care program and evaluation of the program into the impacts of home care provision on patients and families with incurable and life-threatening disease- a mixed	3yrs	32.40
8	LS14115 Dr. Jesmin Professor Department of Genetic Engineering & Biotechnology, University of Dhaka Cell- 01715300511 E mail- jesmin@du.ac.bd	Molecular mechanism of pathogenesis linking type 2 diabetes and hypertension within Bangladeshi population	3yrs	32.40
9	LS14190 Md. Mozammel Hoq Professor Department of Microbiology, University of Dhaka, Dhaka-1000, Cell- 01717083673 E mail- mhoq@du.ac.bd	Mass Production of Efficient Bacillus thuringiensis (Bt) Biopesticides for Sustainable Delivery to the Farmers	3yrs	17.40
10	LS14166 Dr. Sunjukta Ahsan Associate Professor Department of Microbiology University of Dhaka Dhaka-1000, Cell- 01948283983 Email- sunjukta@du.ac.bd	<u>Determination of optimum conditions for the survival of selected bacterial pathogens in biofilms</u>	3yrs	23.40

11	SS14229 Dr. AKM Fazlur rahman Professor Bangladesh University of Health Sciences (BUHS) 125/1 Darus Salam, Mirpur Dhaka-1216 Cell- 01715080645 Email- fazlur58@yahoo.com	Effect of rural-to-urban migration on cardiovascular diseases risk factors in Bangladesh	3yrs	31.85
12	SS14180 Dr.Mohammad Mahbub Alam Talukder Professor Accident Research institute (ARI), Bangladesh University of Engineering and Technology (BUET), Dhaka-1000. Cell- 01711374870 Email- mahbubibek@gmail.com	Effects of Behavioural Approaches of Heavy Vehicle Bus and Truck Driverâ€™s on Road Accidents in Bangladesh	3yrs	22.40
13	PS1319 DR. MD. MONIRUZZAMAN Associate Professor and Chairman, Department of Geography and Environment, Jagannath University, Dhaka-1100, Bangladesh 01716022560 mdmoniruzzaman_bd@yahoo.com	SAFE DRINKING WATER OPTIONS IN THE COASTAL AREA OF BANGLADESH: TOWARDS A SUSTAINABLE SOLUTION	3yrs	30.40
14	LS1399 Dr. Md. Majibur Rahman Department of Microbiology University of Dhaka Dhaka-1000 01552459425 majibrahman@gmail.com	Effect of climate change on the genetic diversity of microorganisms found in different regions of Bangladesh and construction of a microbial data bank (Revised)	3yrs	22.40

15	SS1327 Dr Prof Diba Hossain Dept. of Special Education, Institute of Education and Research (IER) University of Dhaka 01726111403 dibah@yahoo.com	Role of Literacy on Employment, Job Satisfaction and Empowerment of Disabled People in Bangladesh (Revised)	3yrs	14.40
16	LS1396 Prof. Chowdhury Rafiqul Ahsan Department of Microbiology, University of Dhaka, Dhaka-1000 01819401185 crahsan@du.ac.bd	DEVELOPMENT OF A SUBUNIT VACCINE AGAINST Streptococcus pneumoniae USING ANTIGENIC COMPONENT(S) FROM SEROTYPES PREVALENT IN BANGLADESH (Revised)	3yrs	18.40
17	PS1322 Mohammad Shoeb Department of Chemistry, University of Dhaka Dhaka-1000 Bangladesh 01715191988 shoeb71@yahoo.com	Anticancer agents from endophytic microorganisms	3yrs	30.40
18	LS13100 Dr.Sangita Ahmed Department of Microbiology, University of Dhaka Dhaka-1000 sangita@du.ac.bd	Microorganisms with the Bioremediation Potential to Remove Chromium and Cadmium from Rivers Surrounding Dhaka (Revised)	3yrs	30.90
19	LS1397 Anowara Begum. Ph.D Department of Microbiology University of Dhaka Dhaka-1000	Investigation into novel anticancer parasporal protein of indigenous Bacillus thuringiensis strains (Revised)	3yrs	32.40

	01926923962 anowara71@yahoo.com			
20	PS1315 Subrota kumar Saha Department of Geology, University of Dhaka, Dhaka-1000 01711482872 subrotakumar_saha@yahoo.com	Reconstruction of ocean changes by foraminifera in Eastern coastal margin of Bangladesh	3yrs	25.40
21	LS1398 Shakila Nargis Khan Department of Microbiology, University of Dhaka Dhaka 1000 01817530043 shakila@du.ac.bd	Community Structure and Quality Assessment of Artemia Cysts Used as Shrimp Feed in Aquaculture Industries of Bangladesh	3yrs	27.40
22	Dr. Sabita Rezwana Rahman Professor Department of Microbiology University of Dhaka 01552638020 sabita_rahman@hotmail.com	Food borne Salmonellosis: Isolation, identification, assessment of transmission and its capacity to survive various physico chemical factors of an egg	3yrs	27.40
23	LS14105 Dr. A. R. M. Solaiman Professor Department of Soil Science, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706, Bangladesh. Cell- 01552495381 Email- arm_solaiman@yahoo.com	Enhanced Growth and Yield of Rice by Plant Growth Promoting Rhizobacterial Inoculation	3yrs	22.40

24	LS14255 Dr. Md. Rafiqul Islam Professor Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) Gazipur-1706 Bangladesh Tel. 01552495641, Email: rafiariib@yahoo.com	<u>Agronomic and genetic improvement of waterlogging tolerance in mungbean (Vigna radiata L. Wilczek)</u>	3yrs	12.40
25	LS14253 Dr. Md. Motaher Associate Professor HossainDepartment of Plant Pathology Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur-Cell- 01917043506 Email- hossainmm@bsmrau.edu.bd	Genetic studies on resistance to soybean rust and its application to soybean breeding	3yrs	21.28
26	PS13307 Dr. Tapan Kumar Saha Prof. Department of Chemistry Jahangirnagar University Savar, Dhaka-1342 01915653108 tksaha_ju@yahoo.com	<u>Insulin-mimetic metalloporphyrin-chitosan complexes: Oral therapeutics for diabetes mellitus</u> (Revised)	3yrs	17.40
27	LS14196 Dr. Md. Mahbub Alam Professor Department of Medicine Faculty of Veterinary Science Bangladesh Agricultural University Mymensingh-Cell- 01733792435 E mail- asamahbub2003@yahoo.com	Identification and characterization of potential food-borne pathogens from milk, meat and eggs in relation to food safety in Bangladesh	3yrs	24.40
28	LS1403 Dr. Jayonta Bhattacharjee Assistant Professor Department of Surgery and Obstetrics Faculty of Veterinary Science Bangladesh Agricultural University Mymensingh 2202 Bangladesh	Molecular identification of conception factor(s) in blood and urine for early pregnancy diagnosis in cows	3yrs	26.40

	Cell- 01718192740 E mail- bhattacharjee@bau.edu.bd			
29	LS1440 Dr. S. M. Lutful Kabir Associate Professor Department of Microbiology and Hygiene Faculty of Veterinary Science Bangladesh Agricultural University Mymensingh Cell- 01754987218 E mail- lkabir79@gmail.com	<u>Development of a low cost probiotic formulation for the production of organic poultry in Bangladesh</u>	3yrs	32.40
30	LS14213 Md. Shahidul Haque Department of Biotechnology Bangladesh Agricultural University Mymensingh 2202 Cell- 01716066503 E mail- haquems@yahoo.com	Molecular screening for heat and drought tolerance in wheat genotypes and their physiological studies in north- west Bangladesh	3yrs	16.40
31	LS1460 Dr. Gopal Das Associate Professor Department of Entomology Faculty of Agriculture Bangladesh Agricultural University Mymensingh-Cell- 01749285388 E mail- gopal_entom@yahoo.com	Development of biointensive- IPM (BIPM) packages for Spodoptera litura (Fabricius) using microbes and IGR- based molecules	3yrs	17.40
32	LS1449 Dr. Mohammad Tofazzal Hossain Howlader Associate Professor, Department of Entomology Bangladesh Agricultural University Mymensingh-2202, Cell- Cell- 01742220007 E mail- tofazzalh@bau.edu.bd Mymensingh-2202	Investigation of Bio-rational Methods for Controlling Major Insect Pests Infesting Vegetables in Bangladesh	3yrs	23.40
33	LS14108 Dr. Md. Abdus Salam Professor Department of Aquaculture, Faculty of Fisheries, BAU, Mymensingh	Development of hydroponic wheatgrass cultivation as supplementary feed production technique for fish and poultry farming in Bangladesh	3yrs	25.40

	Cell- 01711024408 E mail- masalambau@gmail.com			
34	LS14110 Dr. Khandakar Shariful Islam Professor Department of Entomology, Bangladesh Agricultural University, Mymensingh 2202 Cell- 01716370731 Email- ksharif_bau@yahoo.com	Outbreak of Giant Mealybug in Bangladesh and its Sustainable Management.	3yrs	32.40
35	LS1371 Prof. Dr. Abu Jofar Md. Mosleh Uddin Department of Soil Science Bangladesh Agricultural University Mymensingh 2202, Bangladesh 01712220033 abunazia@yahoo.com	Development of a model for predicting nitrogen mineralization in paddy soils	3yrs	32.40
36	LS1391 Dr. Sukumar Saha Dept of Microbiology & Hygiene Bangladesh Agricultural University, Myneisngh-2202 01740847339 sukumar07@gmail.com	Investigation on Disease Resistance Capability of Newly Shuvra chickens in climatic change prone delta region of Bangladesh. (Revised)	3yrs	22.40
37	LS1360 NASRIN SULTANA JUYENA Department of Surgery & Obstetrics Faculty of Veterinary Science , Bangladesh Agricultural University Mymensingh-	OPTIMIZING REPRODUCTIVE PERFORMANCE OF INDIGENOUS FEMALE WATER BUFFALOES FOR SUSTAINABLE PRODUCTIVITY IN SMALLHOLDING BUFFALO	3yrs	31.40

	2202 01759674267 juyenahabib@gmail.com	FARMS (Revised)		
38	Dr. Sachchidananda Das Chowdhury Department of Poultry Science Bangladesh Agricultural University, Mymensingh 01712541494 drsdchow@gmail.com	USE OF NUTRITIONAL BIOTECHNOLOGICAL TOOLS TO COMBAT THE EFFECT OF GLOBAL WARMING ON POULTRY PRODUCTION	3yrs	32.40
39	PS1466 Dr.Md. Nizam Uddin Professor Department of Chemistry, Shahjalal University of Science and Technology, Sylhet. Cell- 01926372680 Email- nizam3472@yahoo.com Co-investigator: Dr. Iqbal Ahmed Siddiquey Professor Department of Chemistry, Shahjalal University of Science and Technology Sylhet-3114, Bangladesh.	<u>Fabrication of dyes and Quantum dots sensitized solar cells and their application in renewable energy</u>	3yrs	31.30
40	PS14290 Dr. Md. Abdus Subahn Professor Department of Chemistry, SUST Sylhet Bangladesh Cell- 01716073270 Email- subhan-che@sust.edu	Fabrication of nanocomposite materials consisting of metal nanoparticles and magnetic metal oxides for effective reusable photocatalysts and biomedical applications	3yrs	27.20
41	LS1497 DR. MD. ASADUL ISLAM Professor Department of Genetic Engineering and Biotechnology, University of Rajshahi, Rajshahi-6205, Bangladesh Cell- 01723694067 Email- asadgen@ru.ac.bd	Molecular diagnosis and characterization of citrus viruses in available growing citrus cultivars of Bangladesh	3yrs	22.40
42	MS1411 Dr. Mohammed Harunor Rashid	Studies on Extended Newton-type Method for solving Generalized Equations	3yrs	14.29

	Associate Professor, Department of Mathematics, University of Rajshahi, Rajshahi-6205, Bangladesh. Cell- 01914254720 E mail- harun_math@ru.ac.bd			
43	PS1450 Dr. Md. Abdullah Elias Akhter Professor Department of Physics, Khulna University of Engineering & Technology (KUET), Khulna 9203 Cell- 01714087397 E mail- afraabida@hotmail.com	Development of Automatic Weather Forecasting Facilities at KUET for Bangladesh using ARW Model	3yrs	32.35
44	LS1383 Samir Kumar Sadhu Pharmacy Discipline Khulna University Khulna– 9208 01712984884 skssdhu1969@yahoo.com	Search for antidiabetic, antihyperlipidemic and antioxidative principles in traditionally used medicinal plants in Sundarbans.	3yrs	26.40
45	LS1355 Md Morsaline Billah Biotechnology and Genetic Engineering Discipline Khulna University Khulna– 01712008393 morsaline@yahoo.com	Evaluation of Cytotoxic Activity of Mangrove Plants from The Sundarbans and Possible Search for Anticancer Principles (Revised)	3yrs	29.90
46	LS1365 Dr. Md. Mujibor Rahman Environmental Science Discipline, Khulna University, Khulna–9208 Bangladesh 01712218847 mujibku@gmail.com	Land Zoning Through GIS and Remote Sensing Techniques for Sustainable Shrimp and Agriculture Development in Southwest Bangladesh	3yrs	27.40
47	LS1346 Prof. Dr. Sheikh Julfikar Hossain	Study on the Biosynthesis of Silver Nanoparticles using Components of	3yrs	25.11

	Biotechnology and Genetic Engineering Discipline Khulna University Khulna-01732718009 sjhossaibgeku@gmail.com	Edible Bangladeshi Fruits and its Biomedical Applications		
48	LS13110 Dr. Asish Kumar Das Pharmacy Disciplin, Life Science School, Khulna University, Khulna 01914066214 dasasish03@yahoo.com	Evaluation of anti-allergic and hypoglycemic activities of the popular medicinal plants of Sundarban (Revised)	3yrs	24.40
49	LS1368 S.M. Mahbubur Rahman Professor Biotechnology and Genetic Engineering Discipline Khulna University Khulna-9208 01711131573 manmr2003@yahoo.com	Bioprospecting the Medicinal Plants of the Sundarbans for Bioactive Natural Products (Revised)	3yrs	20.40
50	PS1478 Dr. SUMON GANGULI Assistant Professor Dept. of Applied & Environmental Chemistry University of Chittagong, Chittagong Cell- 01757808239 Email- sumonganguli@yahoo.com	Improving the Heat Resistance of Enzymes Using Low Molecular Weight Compounds	3yrs	24.40
51	PS14124 Dr. MOHAMMAD ISMAIL HOSSAIN Associate Professor Department of Chemistry University of Chittagong, Chittagong-4331, Cell- 01716392446 Email- ismailcu@gmail.com	SYNTHESIS, CHARACTERIZATION, AND TOXICITY STUDIES OF TASK-SPECIFIC IONIC LIQUIDS USING AQUATIC SPECIES	3yrs	32.40
52	LS1384 Mohammed Kamrul Huda	Phytochemical analysis and bioactivity of some	3yrs	27.38

	Department of Botany University of Chittagong 01819979279 mkhuda70@hotmail.com	medicinal orchids of Bangladesh		
53	LS1386 Dr. ABU SHADAT MOHAMMOD NOMAN Dept. of Biochemistry & Molecular Biology University of Chittagong 01727773767 asmnomancubd@gmail.com	Expression Pattern of Toll Like Receptors (TLRs) in arsenic human macrophages (Revised)	3yrs	25.65
54	LS14251 Dr. A.H.M Nurun Nabi Professor Department of Biochemistry and Molecular Biology University of Dhaka, Dhaka- 1000, Bangladesh. Cell- 01914737989 Email- hnmahbub@yahoo.com	<u>Association study of mitochondrial DNA copy number and polymorphisms with type 2 diabetes: Development of a mitochondrial DNA database of Bangladeshi population</u>	3yrs	23.40
55	PS14138 Dr. Abdus Salam Professor Department of Chemistry University of Dhaka Dhaka- 1000, Bangladesh Cell- 01817061160 Email- asalam@gmail.com	<u>Impact Assessment Study of the Size Selective Particulate Matters (PM1.0, PM2.5, PM4.0, PM10) on Human Health and Climate Change in Bangladesh</u>	3yrs	29.90
56	LS1496 Dr. Mohammad Zabed Hossain Professor Department of Botany, University of Dhaka, Dhaka 1000 Phone- 01727736087 Email- zabed@du.ac.bd	<u>Securing enhanced growth and biological nitrogen fixation in lentil (Lens culinaris Medik.) by using salt tolerant rhizobium in the salinity affected soils of Bangladesh</u>	3yrs	22.40
57	LS14156 Abu Noman Faruq Ahmmed Assistant Professor, Department of Plant Pathology Faculty of Agriculture Sher-e-Bangla Agricultural University Sher-e-	<u>Surveillance, monitoring and development of prescription package against major diseases of commercial medicinal crops in Bangladesh</u>	3yrs	16.95

	Bangla Nagar Dhaka 1207 Cell: 01819823030 Email- nomanfarook@yahoo.com			
58	LS14114 Dr. SHAHANA AKHTER RAHMAN Professor Department of Pediatrics, Bangabandhu Sheikh Mujib Medical University (BSMMU) Cell- 01715244811 Email- shahana2pd@yahoo.com	<u>Neuropsychiatric Manifestations and Outcome in Paediatric Systemic Lupus Erythematosus Patients</u>	3yrs	19.8
59	PS2016259 Principal Investigator: Prof Md. Qamrul Ehsan Physical Chemistry Department of Chemistry University of Dhaka Dhaka- 1000, Bangladesh +880-2-9661920-73, Ext. 7151 mqehsan@du.ac.bd	<u>Interaction Between Transition Metals and Drug Molecules: A Combined Experimental and Computational Study of Interaction Between First Row Transition Metals and Losartan</u>	2yrs	29.0
60	SS2016174 Principal Investigator: Dr. Shaila Sharmeen Cultural Anthropology University of Dhaka Dhaka 1000 01738879700 shaila_1976@yahoo.com	<u>Socio-economic and Environmental Impacts of Tobacco Cultivation in the Chittagong Hill Tracts (CHTs) of Bangladesh:An Anthropological Study of Exploitation, Resource Depletion and the Role of State</u>	2yrs	26.74
61	PS2016193 Principal Investigator: Prof Md. Abu Bin Hasan Susan Department of Chemistry, University of Dhaka Department of Chemistry, University of Dhaka, Dhaka- 1000, Bangladesh 01819843753	<u>Supramolecular Interactions of Amides, Carbohydrates and Ionic Liquids with Water for Molecular Switchable Devices</u>	2yrs	23.17

	susan@du.ac.bd			
62	PS2016223 Principal Investigator: Prof Ishtiaque Syed Soft Condensed Matter Physics Department of Physics, University of Dhaka Dhaka-1000, 880-176261885(cell), 9661920-70 Ext 7009(off) imsyed@du.ac.bd	<u>Development and Characterization of Cost Effective Dye Sensitized and Organic Bulk-Hetero Junction (BHJ) Solar Cells</u>	2yrs	31.60
63	LS2016229 Principal Investigator: Prof Shaheen Islam Psychology Department of Educational and Counselling Psychology, University of Dhaka, Nilkhet, Dhaka 1000 01911321608 shaheen.islam8@gmail.com	<u>Viability of Trauma Therapy in Bangladesh: Professional Development for Effective Implementation</u>	2yrs	30.47
64	SS2016173 Applicants Information Prof Salma Akhter Department of Sociology, University of Dhaka 8801816380118 salmaakhter1@hotmail.com	<u>AN ETHNOGRAPHIC STUDY OF FINANCIAL AND SOCIAL INCLUSION OF THE RURAL ULTRA POOR IN BANGLADESH</u>	2yrs	28.70
65	PS2016255 Principal Investigator: Dr. Md. Aminul Haque Associate Professor Department of Chemistry Jagannath University Dhaka 01711287600 amin2k4@yahoo.com	<u>Study of the Endophytic Fungus of Swertia chirata (Chirata) for the isolation of biological active secondary metabolites and screening for the biological activity of the isolated products</u>	2yrs	11.60
66	PS2016186 Principal Investigator:	<u>Reservoir Quality Assessment of the Hydrocarbon Bearing Neogene Sandstones from the Offshore Areas in Bangladesh</u>	2yrs	29.60

	Prof Dr. Md. Julleh Jalalur Rahman Geology (Sedimentology) Department of Geological Sciences Jahangirnagar University Savar Dhaka-1342 01715474447 jrahman437@gmail.com			
67	LS2016100 Principal Investigator: Prof Dr. Md. Mokter Hossain Department of Horticulture Bangladesh Agricultural University Mymensingh-2202 01748020966 hossainmdmokter@gmail.com	<u>Development of Low Cost Propagation Techniques for Production of Quality Planting Materials of Strawberry</u>	2yrs	10.76
68	LS2016160 Principal Investigator: Prof Farida Bari Department of Surgery and Obstetrics Faculty of Veterinary Science Bangladesh Agricultural University P.O. Box 2202 01745996622 (cell) fybari61@yahoo.com.au	<u>Introduction of Artificial Insemination (AI) in Sheep Breeding in Bangladesh using produced frozen Ram Semen.</u>	2yrs	25.60
69	LS2016137 Principal Investigator: Prof Dr. Khan Md. Shaiful Islam Animal Nutrition Department of Animal Nutrition Bangladesh Agricultural University Mymensingh-2202 2016137	<u>Fermentation of deoiled rice bran (DORB) to improve nutritive value for poultry</u>	2yrs	31.60
70	LS 201679 Applicants Information Prof DR. MD. JALAL UDDIN SARDER Professor, Department of	<u>ANOESTRUS PROBLEMS IN DAIRY COWS AND DEVELOPMENT OF THE APPROPRIATE TREATMENT PROTOCOL</u>	2yrs	18.00

	Veterinary and Animal Sciences, Faculty of Agriculture, University of Rajshahi, Rajshahi-6205, Bangladesh 0721-711141 (off), 0721-812516 (Residence); Mobile: 01929231933 jalalnusa@yahoo.com			
71	LS 201653 Applicants Information Dr Md. Nazmul Ahsan Professor, Fisheries and Marine Resource Technology (FMRT) Discipline Khulna University, Khulna 9208 (88-041) 732157; 01712248038 nazmul_ku@yahoo.com	<u>Bacterial flora associated with freshwater prawn hatchery system with particular focus on antibiotic resistant Vibrio spp.</u>	2yrs	19.55
72	LS2016203 Principal Investigator: Dr. Md. Ashaduzzaman Associate Professor Forestry and Wood Technology Discipline Khulna University Khulna - 9208 +8801711305972 a_zaman24@yahoo.com	<u>Study on the mass mortality of Raintree (Albizia saman Jacq.) in Khulna region of Bangladesh</u>	2yrs	21.58
73	LS2016116 Principal Investigator: Dr. Md. Nazmus Sadath Wildlife and Nature Conservation and Environmental Policy Forestry and Wood Technology Discipline Khulna University Gollamari, Khulna 9208 Khulna bangladesh Khulna University Gollamari, Khulna 9208 Khulna 880177755144 (cell) mnsadath@yahoo.com	<u>Strategy for Tiger Conservation in The Sundarbans Reserve Forest: Predator to Prey and Habitat relation</u>	2yrs	21.60
74	PS201619	<u>Hydrothermal carbonization of agro-based green waste</u>	2yrs	19.60

	Principal Investigator: Dr. Md. Azharul Islam Associate Professor Forestry and Wood Technology Discipline 2nd Academic Building (first floor), Khulna University, Khulna 9208 01723910280 iazharul@gmail.com	<u>biomass for manufacturing highly efficient solid bioenergy</u>		
75	LS2016107 Principal Investigator: Dr. Md. Moshir Rahman Associate Professor, Fisheries and Marine Resource Technology Discipline Khulna University, Khulna +8801764697000 mrahmankufmrt@gmail.com	<u>Effects of gamete quality of Indian major carps on reproductive success and larval fitness</u>	2yrs	21.40
76	LS2017463 Prof Zakia Parveen Department of Soil, Water and Environment, University of Dhaka, Dhaka-1000. 01764055613 zakiaparveen1@yahoo.ca	<u>Threat of Cd in Bangladesh's agricultural system</u>	1yr	14.80
77	LS2017470 Dr. Md. Mostafizur Rahman Mondol Shellfish Research & Aquaculture and Fisheries Management Department of Fisheries, Faculty of Agriculture, University of Rajshahi, Bangladesh 0721-711117, 01712-581153 mostafiz_bau@yahoo.com	<u>"Growth, condition index, reproductive activity and biochemical composition of Parreysia corrugata (Muller, 1774) in the Padma River, Rajshahi, northwest Bangladesh"</u> <u>Print</u>	1yr	8.8