

২০২১- ২০২২ অর্থ বছরে তৃতীয় বর্ষে চলমান ১০৯টি
গবেষণা প্রকল্পের তালিকা

Sl. no	PCN Number	Project Title	Applicant Informations& Co-Investigator	Total allocation (Tk. in lac)	1 st installation (Tk. in lac)	2 nd installation (Tk. in lac)	3 rd installation (Tk. in lac)
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(শুরু: ২০১৯- ২০)

1	LS20191177	Methane emissions flux from the different woody components of the Sundarbans Mangrove Forest	<p>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</p> <p>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</p>	14.0	6.0	4.0	4.0
2	LS20191170	Prevention of shrimp/prawn melanosis by medicinal plant extracts	<p>Applicants Information Dr Md. Reazul Islam 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</p> <p>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</p>	17.0	7.0	6.0	4.0
3	LS20191163	Improvement of sheep production in south-western coastal regions of Bangladesh through proper breeding and feeding techniques	<p>Applicants Information Dr. SarderSafiqul Islam Professor, Agrotechnology Discipline, Life Science School, Khulna University, Khulna-9208 Khulna University 041-751095/ Cell Phone:</p>	20.0	8.0	7.0	5.0

			<p>01712546305 sardersislam@ku.ac.bd</p> <p>Co-investigators Information</p> <p>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</p>				
4	LS20191160	Application of hydroponic system for year round fodder crop production	<p>Applicants Information</p> <p>Dr Md. Giush Uddin Ahmed Professor, Dept. of Agronomy & Agricultural Extension, University of Rajshahi, Rajshahi-6205 Rajshahi University, +88 01751475256 ahmedmgu@ru.ac.bd</p> <p>Co-investigators Information</p> <p>Dr Md. Akhtarul Islam Rajshahi University Associate Professor, Dept. of Veterinary and Animal Sciences, University of Rajshahi, Rajshahi-+88 01712425865 maid07@yahoo.com</p>	16.0	7.0	5.0	4.0
5	LS20191152	Detection and molecular characterization of respiratory infections of commercial layer chickens in Bangladesh	<p>Applicants Information</p> <p>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</p> <p>Co-investigators Information</p>	15.0	7.0	4.0	4.0

6	SS20191142	Pedestrian Vulnerable Road User Behavior related Accident in Dhaka City: A Critical Analysis from Psycho-social Perspectives	<p>Applicants Information</p> <p>Prof ShamsulHoque Department of Civil Engineering, Bangladesh University of Engineering and Technology (BUET), Dhaka-1000 01789172999 shoque@ce.buet.ac.bd</p> <p>Co-investigators Information</p> <p>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</p>	15.0	7.0	4.0	4.0
7	LS20191139	ENHANCED PRODUCTION OF PHYTASE FROM SELECTED BACTERIA TO BE USED AS DIGESTIVER AID IN POULTRY FEED IN BANGLADESH	<p>Applicants Information</p> <p>Prof ShakilaNargis Khan Department of Microbiology, University of Dhaka, Dhaka 1000, Bangladesh 01817530043 shakila@du.ac.bd</p> <p>Co-investigators Information</p> <p>Prof MarufaZerin Akhter Department of Microbiology, University of Dhaka, Dhaka 1000, Bangladesh 01817630976 mzakhter@du.ac.bd</p>	14.0	6.0	4.0	4.0
8	LS20191138	Pathogenic variability and molecular characterization in F2 generation of Cochliobolussativus (S. Ito &Kurib)	<p>Applicants Information</p> <p>Dr Mst. Sabiha Sultana Associate Professor, Agrotechnology Discipline, Khulna University, Khulna-9208. +8801922264339 hure_jannat888@yahoo.com</p> <p>Co-investigators Information</p> <p>Ms ChhoaMondal Assistant Professor, Agrotechnology Discipline, Khulna University, Khulna-9208. +8801717416587 chhoa_at07@yahoo.com</p>	14.0	6.0	4.0	4.0

9	LS20191133	<p>The in-vivo assessment of antidiabetic property of extract of leaves of <i>Gynuraprocumbens</i> in rats</p> <p>Applied Date: 2019-06-17</p> <p>Download Submitted PCN Form</p>	<p>Applicants Information</p> <p>Prof Dr. Md. Shah Amran Department of Pharmaceutical Chemistry, Faculty of Pharmacy Dhaka University 01532603359 amranms@du.ac.bd</p> <p>Co-investigators Information</p> <p>Mr AmlanGanguly Dhaka University Department of Clinical Pharmacy and Pharmacology, Faculty of Pharmacy 01919466366 gangulyamlan@du.ac.bd</p>	15.0	7.0	4.0	4.0
10	SD20191126	<p>Sustainable production of chitosan based nanofibrous bandages for treating burn wounds by electrospinning process</p>	<p>Applicants Information</p> <p>Dr. PapiHaque Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka-1000, Bangladesh</p> <p>+880-1711448896, +880-1769131415 papiahq@du.ac.bd</p> <p>Co-investigators Information</p> <p>Dr M. Nuruzzaman Khan</p> <p>Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka-1000, Bangladesh +880-1717057445 mnuruzzaman.khan@du.ac.bd</p>	15.0	7.0	4.0	4.0
11	LS20191125	<p>Molecular characterization of virulence factor genes and plasmid typing of <i>Salmonella</i> sp. in avian Salmonellosis in Bangladesh</p>	<p>Applicants Information</p> <p>Prof Mohammad Ferdousur Rahman Khan Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh +8801717785674</p>	16.0	7.0	5.0	4.0

			<p>frkhanbau80@yahoo.com</p> <p>Co-investigators Information</p> <p>Prof Md. Bahanur Rahman Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh +8801718218080 bahanurr@gmail.com</p>				
12	PS20191122	<p>Taro carbon from taro stems: preparation, characterization and application for the determination of environmental pollutants</p> <p>Applied Date: 2019-05-23</p> <p>Download Submitted PCN Form</p>	<p>Applicants Information</p> <p>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</p> <p>Co-investigators Information</p> <p>Dr. Nafiz Ahmed Associate Professor, Department of Chemistry, Jagannath University, Dhaka 1100, Bangladesh +880 2 9583794 (office), +880 1711287600 (mobile) amin2k50@gmail.com</p>	12.0	5.0	4.0	3.0
13	LS20191118	<p>Characterization of liver fluke Fasciolagigantica secreted extracellular vesicles and identification of immunogenic proteins</p>	<p>Applicants Information</p> <p>Prof MD Hasanuzzaman TALUKDER Department of Parasitology, BAU, Mymensingh Bangladesh Agricultural University +88 091 67401 63513 talukdermhasan@bau.edu.bd</p> <p>Co-investigators Information</p> <p>Dr Babul Chandra Roy Bangladesh Agricultural University Department of Parasitology, BAU, Mymensingh +88 091 67401 63523 bcroy.dvm51@gmail.com</p>	14.0	6.0	4.0	4.0

14	LS20191117	Improving soil health and potato quality through biochar: A low cost climate smart practice for attaining poverty free sustainable development	<p>Applicants Information</p> <p>Prof Dr.TuhinSuvra Roy Department of Agronomy, Sher-e-Bangladesh Agricultural University, Sher-e-Bangla nagar, Dhaka-1207. 01710515090 tuhinsuvra2002@yahoo.com</p> <p>Co-investigators Information</p> <p>Mr Md. Sajedur Rahman Department of Biochemistry, Sher-e-Bangla Agricultural University, Sher-e-Bangla nagar, Dhaka-1207. : 01711-606445 srahman139@gmail.com</p>	17.0	7.0	6.0	4.0
15	LS20191108	Biocontrol of foot and root rot disease of betel vine by rhizobacteria	<p>Applicants Information</p> <p>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</p> <p>Co-investigators Information</p> <p>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</p>	14.0	6.0	4.0	4.0
16	MS20191106	Development of Bioinformatics Tools for NGS Based Big Data Analysis and Its Application to Identify Diseases Related Microbial Genes	<p>Applicants Information</p> <p>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</p>	16.0	7.0	5.0	4.0

			<p>Co-investigators Information</p> <p>Dr MD. HADIUL KABIR Bioinformatics Lab. (Dry), Dept. of Statistics, Rajshahi University, Rajshahi-6205 01914254994 (Mobile) hk@ru.ac.bd</p>				
17	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 Pharmaco	<p>Applicants Information</p> <p>Prof Abu Asad Chowdhury University of Dhaka, Shahbag, Dhaka 1000, Bangladesh. Dhaka University +8801711075120 asaddg27@du.ac.bd</p> <p>Co-investigators Information</p> <p>Dr Mohammad Sharifur Rahman Dhaka University University of Dhaka, Shahbag, Dhaka 1000, Bangladesh. +8801711807630 msr@du.ac.bd</p>	12.0	5.0	4.0	3.0
18	LS20191089	Investigation of antioxidative status and genetic variation of endogenous scavenger enzymes in Bangladeshi population with proliferative diabetic retinopathy.	<p>Applicants Information</p> <p>Dr Sheikh Zahir Raihan Department of Clinical Pharmacy and Pharmacology, University of Dhaka, Dhaka- 1000. Dhaka University 9661920 (8156); 01782888039 sheikhzahir@du.ac.bd</p> <p>Co-investigators Information</p> <p>Dr Nahid Sharmin Dhaka University Department of Pharmaceutical Technology, University of Dhaka, Dhaka-1000. 9661920 (8176); 01799395850 nahidsharmin@du.ac.bd</p>	18.0	8.0	6.0	4.0
19	PS20191087	Investigation of groundwater quality characteristics and health risk assessment of Bagerhat District,	<p>Applicants Information</p> <p>Dr Dhiman Roy Department of Geology and Mining, University of Barishal,</p>	18.0	8.0	6.0	4.0

		Bangladesh.	<p>Kornokatho-Patuakhali Highway, Barishal-8200 Barisal University 1779246902 dhimans14@yahoo.com</p> <p>Co-investigators Information</p> <p>Mr SukhenGoswami Barisal University Department of Geology and Mining, University of Barishal, Kornokatho-Patuakhali Highway, Barishal-8200 01744555917 swami.sg.du@gmail.com</p>				
20	PS20191086	Development of Ecofriendly Leather Processing using Ultrasound Technique	<p>Applicants Information</p> <p>Prof Md. ZahangirAlam Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka 1000 +88029661900/7381, 01711577225 zahangir@du.ac.bd</p> <p>Co-investigators Information</p> <p>Prof Md. Nurnabi Dhaka University Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka 1000 +88029661920/7381 nnabi@du.ac.bd</p>	15.0	6.0	5.0	4.0
21	LS20191077	Bio-rational management of major pests of litchi (Litchi chinensis)	<p>Applicants Information</p> <p>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</p> <p>Co-investigators Information</p> <p>Dr Md. Alamgir Hossain Hajee Mohammad Danesh Science and Technology University Professor, Department of</p>	11.0	5.0	3.0	3.0

			Entomology, HSTU, Dinajpur +8801712572211 alamgirhstu@gmail.com				
22	PS20191074	Development of a polymeric nano-carrier for anti-obesity drug delivery system	<p>Applicants Information</p> <p>Prof Dr. Al-Nakib Chowdhury Department of Chemistry, Bangladesh University of Engineering and Technology (BUET), Dhaka Bangladesh University of Engineering & Technology (BUET) 01716620026 nakib@chem.buet.ac.bd</p> <p>Co-investigators Information</p> <p>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</p>	14.0	6.0	4.0	4.0
23	LS20191071	Development, formulation, Standardization and commercialization of value added bakery and pulse products incorporating wheat grass	<p>Applicants Information</p> <p>Dr AnwaraKterKhatun 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</p> <p>Co-investigators Information</p> <p>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</p>	16.0	7.0	5.0	4.0

			joysree.tithi.18@gmail.com				
24	SD20191067	Study on Plastic Pollution and Associated Impacts on Marine life, Human health and the Environment	<p>Applicants Information</p> <p>Prof Mohammad Shoeb Department of Chemistry, University of Dhaka, Dhaka-1000, Bangladesh Dhaka University +8801715191988 shoeb71@yahoo.com; shoeb@du.ac.bd</p> <p>Co-investigators Information</p> <p>Prof Md. Iqbal RoufMamun Dhaka University Department of Chemistry, University of Dhaka, Dhaka-1000, Bangladesh +8801715014564 iqbalrouf@yahoo.com</p>	16.0	7.0	5.0	4.0
25	LS20191066	Studies on veterinary antibiotic residues and resistance in farm produces to ensure safe and quality food of animal origin; a safe food concern	<p>Applicants Information</p> <p>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</p> <p>Co-investigators Information</p> <p>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</p>	14.0	7.25	3.75	3.0
26	LS20191063	Effect of Rhizospheremicrobiome on different crop growing fields in different rice cultivars and its molecular approaches for sustainable agroecosystem	<p>Applicants Information</p> <p>Prof Md. Asadul Islam Department of Genetic Engineering and Biotechnology, University of Rajshahi, Rajshahi-6205, Bangladesh Rajshahi University +8801723694067 asadgen@ru.ac.bd</p>	13.0	6.0	4.0	3.0

			<p>Co-investigators Information</p> <p>Prof Biswanath Sikdar Rajshahi University Department of Genetic Engineering and Biotechnology, University of Rajshahi, Rajshahi-6205, Bangladesh +8801914254289 sikdar2014@gmail.com</p>				
27	PS20191059	Label free detection of cancer biomarker through highly sensitive evanescent wave absorbance-based fiber-optic biosensor	<p>Applicants Information</p> <p>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</p> <p>Co-investigators Information</p> <p>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</p>	20.0	8.0	7.0	5.0
28	SD20191058	Up-scaling of black pepper (Piper nigrum) based homestead agroforestry for poverty reduction of rural people in Sylhet region	<p>Applicants Information</p> <p>Mohammad Samiul Ahsan Talucder Associate Profesor Department of Agroforestry & Environmental Science Sylhet Agricultural University 01711974124 talucdermsa.aes@sau.ac.bd</p> <p>Co-investigators Information</p> <p>Prof MdSharaf Uddin Sylhet Agricultural University Department of Agroforestry & Environmental Science +8801716510538 sharaf.aes@sau.ac.bd</p>	16.0	7.0	5.0	4.0
29	MS20191055	Developing Mathematical Algorithms and	Applicants Information	14.0	6.0	5.0	3.0

		Softwares for the Model Reduction of Large-Scale Dynamical Systems.	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				
30	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 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	12.0	5.0	4.0	3.0
31	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	16.0	7.0	5.0	4.0

			almamunhabib@du.ac.bd				
32	LS20191044	Edibility, nutritional quality and antioxidant activity of the selected species of edible bivalve mollusk from the estuarine ecosystem of Bangladesh	<p>Applicants Information</p> <p>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</p> <p>Co-investigators Information</p> <p>Dr Md. AktarUzzamanChouduri Rajshahi University Professor, Department of Pharmacy, University of Rajshahi, Rajshahi -6205. +88-0721-7511110; Mobile: 01712-792350 auchow5@yahoo.com</p>	15.0	7.0	4.0	4.0
33	PS20191039	Investigation of nanoparticles-induced shape change and pore formation in the lipid membranes of vesicles for antibacterial application	<p>Applicants Information</p> <p>Dr Mohammad Abu SayemKaral Associate Professor, Department of Physics Bangladesh University of Engineering & Technology (BUET) 9665613 (off), 01712863844 asayem221@phy.buet.ac.bd</p> <p>Co-investigators Information</p> <p>Dr Mohammad KhurshedAlam Bangladesh University of Engineering & Technology (BUET) Assistant Professor,</p>	13.0	5.0	4.0	4.0

			Department of Physics 9665613 (off), 01987510256 khurshedphy@phy.buet.ac.bd				
34	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 Eaftekar 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 eaftekar787@gmail.com	17.0	7.0	6.0	4.0
35	LS20191029	Development of oilseed Brassica genotypes resistant to Alternaria blight through accelerated genetic gain	Applicants Information Prof ArifHasan Khan Robin Department of Genetics and Plant Breeding, Bangladesh Agricultural University, Mymensingh Bangladesh Agricultural University +8801714239469 gpb21bau@bau.edu.bd Co-investigators Information Dr JobadatunNaher Bangladesh Agricultural University Department of Genetics and Plant Breeding, Bangladesh Agricultural University, Mymensingh-+8801717367263 monibdc@yahoo.com	18.0	8.0	6.0	4.0
36	SD20191028	Climate Change Impact on Mixed Agro-Livestock Smallholders:	Applicants Information Dr Md. Mostafizur Rahman Professor, Dept. of Agronomy &	9.0	4.0	3.0	2.0

		Employing Livelihood Vulnerability Index in Drought-prone Bangladesh	<p>Agricultural Extension, University of Rajshahi, Rajshahi-6205 Rajshahi University (+88) 01715463770 kp@ru.ac.bd</p> <p>Co-investigators Information</p> <p>Dr A.K.M. Kanak Pervez Rajshahi University Assistant Professor, Dept. of Agronomy & Agricultural Extension, University of Rajshahi, Rajshahi-6205 +8801712980158 pervezakm@gmail.com</p>					
37	PS20191023	Synthesis and Characterization of Zinc Oxide Nano Particles from plant extract –an ecofriendly approach	<p>Applicants Information Dr Royhan Uddin Professor, Department of Chemistry, Comilla University, +8801711987334 royhanbau@cou.ac.bd</p> <p>Co-investigators Information Dr. Md. Abdul Mazed Patowary Associate Professor, Department of Chemistry, Comilla University</p>	17.0	7.0	6.0	4.0	
38	PS20191017	Synthesis of MoS ₂ incorporated GaFeO ₃ nanocomposites and investigation of their structural and magnetoresistive properties along with photocatalytic dye degradation and hydrogen production ability	<p>Applicants Information</p> <p>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,</p> <p>Co-investigators Information Prof Md. Forhad Mina Department of Physics, (BUET), Dhaka 01727265238 mfmina@phy.buet.ac.bd</p>	20.0	8.0	7.0	5.0	
39	LS20191016	Impacts of Conservation Actions on Fish	<p>Applicants Information Prof Md. Monirul Islam Department of Fisheries, Dhaka</p>	21.0	9.0	7.0	5.0	

		Biodiversity and Revision of Conservation Strategy in the Context of Climate Change and Blue Economy	University, +8801716363505 monirulislam153@yahoo.com Co-investigators Information Dr Mohammad Shahneawz Khan Department of Fisheries, Dhaka University, Dhaka-1000 +8801712384639 shahneawz@du.ac.bd					
40	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	14.0	6.0	5.0	3.0	
41	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	20.0	8.0	7.0	5.0	

42	LS20191009	Screening and molecular diagnosis of thalassemia carrier among fresher students of Jahangirnagar University: A pilot program	<p>Applicants Information</p> <p>Prof Dr. Md. Ibrahim Khalil Department of Biochemistry and Molecular Biology, Jahangirnagar University, 1723919111 drmikhailil@gmail.com or drmikhailil@juniv.edu</p> <p>Co-investigators Information</p> <p>Prof Moazzem Hossain Jahangirnagar University Thalassaemia Hospital and Institute, Birulia Union, PO: Dairy Farm, Upozila: Savar, 1715038551, moazzem.iacib@gmail.com</p>	16.0	7.0	5.0	4.0	
43	SS20191008	Improving the Process of Inclusive Education for Autistic Children in Mainstream Schools of Bangladesh.	<p>Applicants Information</p> <p>Ms RabeyaKhatun Assistant Professor, Department of Anthropology, Comilla University, Cumilla- +880-1711-461605. rabeyarabu83@gmail.com</p> <p>Co-investigators Information</p> <p>Dr Md. Mahbubur Rahman Comilla University Assistant Professor, Department of Microbiology, Central Medical College, Cumilla., +880-1675-007343. census.drmp@gmail.com</p>	17.0	7.0	6.0	4.0	
44	LS20191007	Reduction of Cadmium uptake in rice by cultivar selection and lowering its bioavailability in agricultural soil by application of selected organic materials	<p>Applicants Information</p> <p>Prof KhandokerQudrataKibria Professor, Soil, Water and Environment Discipline, Khulna University, Khulna 9208, +88 01789441882 kibriaku@yahoo.com</p> <p>Co-investigators Information</p> <p>Prof Dr. Md. Atikulislam, Environmental Science Discipline, Khulna University,</p>	20.0	8.0	7.0	5.0	

			Khulna, +88 01735577787 atikku_es@yahoo.com					
45	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	15.0	6.0	5.0	4.0	
46	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	20.0	8.0	7.0	5.0	
47	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,	14.0	6.0	4.0	4.0	

			<p>ncroy.sau@gmail.com</p> <p>Co-investigators Information</p> <p>Dr Md. Sahab Uddin Professor, Department of Aquaculture, Faculty of Fisheries, Sylhet Agricultural University, Sylhet-3100 01712-260256 shahabuddin10@live.com</p>					
48	LS2019991	Establishment of semen bank and AI for speed up of goat production with increased genetic merit	<p>Applicants Information</p> <p>Prof AzizunnesaRekha Department of Medicine and Surgery, Chittagong Veterinary and Animal Sciences University , Chottogram 01925162330, 01716955099 msrekha04@yahoo.com</p> <p>Co-investigators Information</p> <p>Mr MdParvez Department of Medicine and Surgery, Chittagong Veterinary and Animal Sciences University , Chottogram, 4225 +8801717421335 aparvez0445@gmail.com</p>	21.0	8.0	7.0	6.0	
49	LS2019990	Characterization of Pathogenic Microorganisms of Citrus with Their Antagonistic Management	<p>Applicants Information</p> <p>Dr Rashed Zaman Dept. of Genetic Engineering and Biotechnology, University of Rajshahi, Rajshahi-6205,, +880 1712 026541 rashedzaman@ru.ac.bd</p> <p>Co-investigators Information</p> <p>Mr Md. Faruk Hasan Dept. of genetic Engineering and Biotechnology, University of</p>	15.0	6.0	5.0	4.0	

			Rajshahi, +881726802092, faruk_geb@ru.ac.bd					
50	LS2019989	Determination of the minimum concentration of each antibiotic, heavy metals and metals for emergence of the antibiotic resistance superbug bacteria.	<p>Applicants Information</p> <p>Dr MD Mohasin Department of Biochemistry and Molecular Biology, University of Dhaka 01778138215 mohasin@du.ac.bd</p> <p>Co-investigators Information</p> <p>Dr Tania Rahman Department of Biochemistry and Molecular Biology, University of Dhaka 01917285696 tania.rahman@du.ac.bd</p>	20.0	8.0	7.0	5.0	
51	LS2019986	Genotypic and in vivo assessment of environmental Escherichia coli isolates as a potential vaccine against Shigellosis.	<p>Applicants Information</p> <p>Dr Selina Akter Department of Microbiology, Room 413, BSM Academic Building 8801740927373 s.akter@just.edu.bd</p> <p>Co-investigators Information</p> <p>Prof Nils-Kare Birkeland Department of Biological Science, P.O. Box 7803 N-5020 Bergen Norway 8801627551090 Nils.Birkeland@bio.uib.no</p>	18.0	7.0	6.0	5.0	
52	LS2019982	Isolation, Biomolecular Characterization and Mass Production of	<p>Applicants Information</p> <p>Prof. Sheikh Julfikar Hossain Biotechnology and Genetic</p>	18.0	7.0	6.0	5.0	

		Salt-tolerant, Phosphate-solubilizing Bacteria and Its Utilization in Crop Production in Coastal Bangladesh	Engineering Discipline, Khulna University, Khulna 01732718009 sjhossainbgeku@gmail.com; sjhossain_ku@yahoo.com Co-investigators Information Dr. Sk. Amir Hossain Associate Professor, Biotechnology and Genetic Engineering Discipline, Khulna University, Khulna 01998902265/ 01998902264 isti_99@yahoo.com					
53	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	16.0	7.0	5.0	4.0	
54	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 rafiqulsarder@yahoo.com Co-investigators Information Prof Md. Ahsan Bin Habib Department of Aquaculture, Bangladesh Agricultural University, Mymensingh 01711373207	22.0	8.0	8.0	6.0	

			ahsanmphd@yahoo.com					
55	SD2019972	Domain wall dynamics in magnetic nanowire under thermal gradient	<p>Applicants Information</p> <p>Dr Torikulislam Physics discipline, Room 3488, KabiJibanananda Das Academic Building (3rdAcademic Building), Khulna University, Khulna-9208., 01767277654 torikul@phy.ku.ac.bd</p> <p>Co-investigators Information</p> <p>Prof. Dr. FarzanaNahid Physics Discipline, Khulna University Khulna-9208, 01911767689 mrrahman08@phy.ku.ac.bd</p>	10.0	4.0	3.0	3.0	
56	SD2019967	Food safety issues: antimicrobial uses and their residues in foods of animal origin	<p>Applicants Information</p> <p>Prof Mohammad Mahmudul Hassan Department of Physiology, Biochemistry and Pharmacology, FVM, CVASU +8801554326951 miladhasan@cvasu.ac.bd</p> <p>Co-investigators Information</p> <p>Dr Shahneaz Ali Khan Department of Physiology, Biochemistry and Pharmacology, FVM, CVASU + 8801999527495 shahneazbat@gmail.com</p>	20.0	8.0	7.0	5.0	
57	LS2019964	Molecular characterization of the fungal pathogens in dragon fruit plants and its eco-friendly conservation	<p>Applicants Information</p> <p>Professor Dr. Md. NuhuAlam Laboratory of Mycology and Plant Pathology, Department of Botany, Jahangirnagar University, Savar, Dhaka- +880-1711-462417 mnabotju@yahoo.com;</p>	18.0	7.0	6.0	5.0	

			<p>mnabotju@gmail.com</p> <p>Co-investigators Information</p> <p>Professor Dr. NazmulAlam Department of Botany, Jahangirnagar University, Savar, Dhaka-1342, +880-1912-251948, alam.nazmul65@yahoo.com</p>					
58	LS2019959	Efficacy, Phytotoxicity and Economics of Commonly Used Herbicides under Different Rice Establishment Methods	<p>Applicants Information</p> <p>Dr A K M Mominul Islam Department of Agronomy, Bangladesh Agricultural University, Mymensingh-2202 +8801718512082 akmmominulislam@bau.edu.bd</p> <p>Co-investigators Information</p> <p>Prof Md. Parvez Anwar Department of Agronomy, Bangladesh Agricultural University, Mymensingh- +88019122114281 parvezanwar@bau.edu.bd</p>	14.0	6.0	5.0	3.0	
59	LS2019956	Antibacterial activity of flavonoids to enhance the sustainability of commercial drugs against antibiotic resistant bacterial isolates	<p>Applicants Information</p> <p>Dr Ahsan Habib Biotechnology and Genetic Engineering Discipline, Khulna University, Khulna- +8801770058070, ahsan.bge@gmail.com</p> <p>Co-investigators Information</p> <p>Dr Sheikh Julfikar Hossain Biotechnology and Genetic Engineering Discipline, Khulna University, Khulna-9208, +8801732718009 sjhossain_ku@yahoo.com</p>	15.0	6.0	5.0	4.0	

60	PS2019949	Electrochemical Conversion of Carbon dioxide (CO ₂) into Useful Chemicals and Electricity	<p>Applicants Information</p> <p>Prof Dr. Md.KamrulAlam Khan Department of Physics, JagannathUniversity,Dhaka, +8801911357447 kakhan01@yahoo.com</p> <p>Co-investigators Information</p> <p>Mr Mohammad Al Mamun Department of Chemistry , Jagannath University, Dhaka, +8801712502491 zithrox@gmail.com</p>	10.0	5.0	3.0	2.0	
61	LS2019947	Study on Epidemiology and Pathogenicity of Viral Diseases of Poultry by ELISA and Immunohistochemistry in the Barind Tract	<p>Applicants Information</p> <p>Dr Md. Golbar Hossain Associate Professor, Department of Veterinary and Animal Sciences, Rajshahi University, Rajshahi-6206 +88 01768 496589 hossainmg88ru@yahoo.com</p> <p>Co-investigators Information</p> <p>Prof Shah Md. Abdur Rauf Professor, Department of Veterinary and Animal Sciences, Rajshahi University, Rajshahi-+88 01712 841272 rauf_94@yahoo.com</p>	15.0	6.0	5.0	4.0	
62	LS2019944	Occurrence of multidrug resistant bacteria in agricultural soil and its potential impact on raw vegetables	<p>Applicants Information</p> <p>Prof Dr. FARZANA NEELA Department of Botany, Rajshahi University, Rajshahi-6205 Department of Botany, Rajshahi University, Rajshahi-6205 nfarzanaashrafi@yahoo.com</p> <p>Co-investigators Information</p> <p>Prof Dr. LIPIKA GHOSH Department of Botany, Rajshahi</p>	18.0	7.0	6.0	5.0	

			University, Rajshahi-6205 0721-711118 (Office); 01716389838 (Cell) lipika_ru@yahoo.com					
63	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	20.0	8.0	7.0	5.0	
64	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	18.0	7.0	6.0	5.0	
65	LS2019935	Analysis of the prevalence of emerging	Applicants Information Dr MdMizanurRahaman Department of Microbiology,	15.0	6.0	5.0	4.0	

		carbapenemases in the clinical samples of Bangladesh	<p>Science Complex, University of Dhaka, Dhaka +8801796585290, razu002@du.ac.bd</p> <p>Co-investigators Information</p> <p>Dr Hussain MdShahjalal Dhaka University Department of Biochemistry and Molecular Biology, Jahangirnagar University, Savar, +8801712250112 shahjalal-bmb@juniv.edu</p>					
66	SD2019931	Development of a mathematical model to calculate optimized distance between furrows in raised bed water saving techniques for rice and non-rice crops cultivation	<p>Applicants Information</p> <p>Dr A.K.M. Adham Professor, Department of Irrigation and Water Management, Bangladesh Agricultural University, Mymensingh-+8801712634374 adhamiwm@gmail.com</p> <p>Co-investigators Information</p> <p>Dr Mohammed Mizanur Rahman Associate Professor, Dept. of Irrigation and Water Management, BAU, Mymensingh-+8801717825850 mizaniwm@bau.edu.bd</p>	17.0	7.0	6.0	4.0	
67	PS2019928	Development and standardization of processes for value added Beet Roots products commercialization	<p>Applicants Information</p> <p>Prof Bellal Hossain Nutrition and Food Engineering, Daffodil Tower, 4/2, Sobhanbagh, Mirpur Road, Daffodil International University 01680378493 drbellal@daffodilvarsity.edu.bd</p> <p>Co-investigators Information</p> <p>Dr Md. Rezaul Karim Daffodil International University Nutrition and Food Engineering, Daffodil Tower, 4/2, Sobhanbagh, Mirpur Road,</p>	20.0	8.0	7.0	5.0	

			+8801684997452 drrezaul.nfe@diu.edu.bd					
68	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	20.0	8.0	7.0	5.0	
69	LS2019925	Chronic exposure of drugs residues to human health through meat, milk, egg and poultry products & byproducts: A long term exposure of drugs residues study in laboratory animals to establish the legisl	Applicants Information Prof MD. ISLAM Department of Pharmacology, Bangladesh Agricultural University Mymensingh, 01733980575 shafiqpharma@yahoo.co.uk Co-investigators Information Dr MD. ISLAM Department of Pharmacology, Bangladesh Agricultural University Mymensingh- 01727211973 khokon_bau@yahoo.com	20.0	8.0	7.0	5.0	
70	LS2019920	Molecular characterization of growth hormone genes and selection of fast growing stinging catfish (Heteropneustesfossilis, Bloch) by marker assisted selection	Applicants Information Dr Md. SamsulAlam Department of Fisheries Biology and Genetics Bangladesh Agricultural University +8801727163054 samsul.alam@bau.edu.bd	15.0	6.0	5.0	4.0	

			<p>Co-investigators Information</p> <p>Dr Mohd Golam Quader Khan Department of Fisheries Biology and Genetics , Bangladesh Agricultural University, +8801752388962 khanmgq@bau.edu.bd</p>					
71	LS2019914	Isolation and Characterization of Actinomycetes from Marine Coastal Sediments of the Sundarbans for Potential Bioactive Compounds.	<p>Applicants Information</p> <p>Prof S. M. Mahbubur Rahman Biotechnology and Genetic Engineering Discipline, Khulna University, Khulna-9208 +880-1711131573 manmr2003@yahoo.com</p> <p>Co-investigators Information</p> <p>Mr Md. Emdadul Islam Biotechnology and Genetic Engineering Discipline, Khulna University, Khulna-9208 +880-01712773266 emdad950711@yahoo.com</p>	20.0	8.0	7.0	5.0	
72	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 water)	<p>Applicants Information</p> <p>Dr Rasheda Shilpi Professor, Department of Botany, Jahangirnagar University, Savar, Dhaka - 01741405522 shilpi.rasheda@gmail.com</p> <p>Co-investigators Information</p> <p>Dr Mohammad Hossain Professor, Department of Botany, Jahangirnagar University, Savar, Dhaka - 01817503384, kamal_juniv@yahoo.com</p>	20.0	8.0	7.0	5.0	
73	PS2019909	Nanotechnology for high performance smart leather production system	<p>Applicants Information</p> <p>Dr. MD. ABDULLA-AL-MAMUN University of Dhaka, Institute of Leather Engineering and Technology, 44-50 Hazaribagh, Dhaka-1209 +880-9613728, Cell: +88-01764198278</p>	18.0	7.0	6.0	5.0	

			<p>mamun.ilet@du.ac.bd</p> <p>Co-investigators Information</p> <p>Prof. Sayed Md. Shamsuddin University of Dhaka, Institute of Leather Engineering and Technology, 44-50 Hazaribagh, Dhaka-1209 +88-0171673306511, sdin@du.ac.bd</p>					
74	LS2019899	Phytodesalination of saline soil using halophytes for sustainable crop production in salinity prone coastal areas of Bangladesh	<p>Applicants Information</p> <p>Dr Md. Shariful Islam Professor, Department of Agricultural Chemistry, Patuakhali Science and Technology University, Dumki, Patuakhali-8602, 01721084073 sharifulpstu@yahoo.com</p> <p>Co-investigators Information</p> <p>Dr Md. Nizam Uddin Professor, Department of Agricultural Chemistry, Patuakhali Science and Technology University, Dumki, Patuakhali-8602, 01685479913 mnizamacm@yahoo.com</p>	20.0	8.0	7.0	5.0	
75	LS2019892	Population Structuring of Endangered Loach (Botiadario) and Butter Catfish (Ompokpabda) in Bangladesh: An Initiative to Identify Local Conservation Units	<p>Applicants Information</p> <p>Prof M NiamulNaser Department of Zoology, University of Dhaka. 01711707217 mnnaser@du.ac.bd</p> <p>Co-investigators Information</p> <p>Dr MdLifatRahi Fisheries and Marine Resource Technology Discipline, Khulna University, Khulna, 01796875647 lifatrahi@gmail.com</p>	22.0	8.0	7.0	7.0	
76	LS2019883	Evaluation of hypoglycemic and hypolipidemic potential of Jackfruit	<p>Applicants Information</p> <p>Dr ChayonGoswami Department of Biochemistry and Molecular Biology,</p>	14.0	6.0	5.0	3.0	

		seed flour supplementation in diets: an approach to achieve sustainable food security	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					
77	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	18.0	7.0	6.0	5.0	
78	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	18.0	7.0	6.0	5.0	
79	SS2019871	Traffic congestion is a big challenge for Dhaka City? : Analysis from	Applicants Information Prof Farida Akhter Khanam Department of Sociology,	12.0	5.0	4.0	3.0	

		Stakeholders Perspectives	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					
80	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	18.0	7.0	6.0	5.0	
81	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	20.0	8.0	7.0	5.0	
82	LS2019859	Survey, identification, characterization, mechanisms of	Applicants Information Dr Md. Romij Uddin	17.0	7.0	6.0	4.0	

		herbicide resistant weeds and diverse approaches for their management in Bangladesh	<p>Professor, Department of Agronomy, Bangladesh Agricultural University, Mymensingh, 091-67401 ext. 64119 romijagron@bau.edu.bd</p> <p>Co-investigators Information</p> <p>Dr UttamKumerSarker Associate Professor, Department of Agronomy, Bangladesh Agricultural University, Mymensingh, Bangladesh 091-67401 ext. 64127 uttam@bau.edu.bd</p>					
83	LS2019858	Novel bioactive peptides sequencing by LC-MS/MS from protease treated rice bran subsequently bio-informatics and animal experiment for healthful use	<p>Applicants Information</p> <p>Dr Md. Alauddin Department of Nutrition and Food Technology, University of Science and Technology, Jessore-7408, Bangladesh 8801717061127 mdalauddin1181@gmail.com</p> <p>Co-investigators Information</p> <p>Prof Zakir Hossain Howlader Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka-1000, Bangladesh +8801716409601 hhzakir@yahoo.com</p>	14.0	6.0	5.0	3.0	
84	LS2019853	Genomic Imprints for Identifying Candidate Genes Involved with Specific Disease Resistance in Tiger Shrimp (Penaeus monodon)	<p>Applicants Information</p> <p>Dr MdLifatRahi Associate Professor, Fisheries and Marine Resource Technology (FMRT) Discipline, Khulna University, Khulna-9208, +8801796875647 lifatrahi@gmail.com</p> <p>Co-investigators Information</p> <p>Mr WasimSabbir Associate Professor, Fisheries and Marine Resource Technology (FMRT) Discipline, Khulna University, Khulna-9208, Bangladesh +8801627-151256</p>	20.0	8.0	7.0	5.0	

			wasimsabbir@gmail.com					
85	LS2019847	Mechanistic basis of cadmium stress tolerance in rice	<p>Applicants Information</p> <p>Mr Md. Mostafizur Rahman Rahman Department of Botany, Rajshahi University 01717450964 muradbt@yahoo.com</p> <p>Co-investigators Information</p> <p>Dr. Md. SarowerParvez Department of Botany, Rajshahi University</p>	12.0	5.0	4.0	3.0	
86	SD2019846	Decarboxylation of Frying Oil for Production of Liquid Transportation Fuel	<p>Applicants Information</p> <p>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</p> <p>Co-investigators Information</p> <p>Mr MdShahadat Hossain Assistant Professor, Dept. of Chemical Engineering & Polymer Science, Shahjalal University of Science & Technology, Sylhet 3114, Bangladesh +8801914844809 shahadat_cep43@yahoo.com</p>	15.0	6.0	5.0	4.0	
87	SD2019841	Development of Efficient Electrochemical Sensor Based on Metal Oxide Semiconductor Nanoparticles for Environmental Monitoring	<p>Applicants Information</p> <p>Dr Md. Tamez Uddin Department of Chemical Engineering and Polymer Science, Shahjalal University of Science and Technology, 3114-Sylhet +8801798699800 mtuddin_cep@yahoo.com</p> <p>Co-investigators Information</p> <p>Dr Muhammad Zobayer Bin</p>	13.0	6.0	4.0	3.0	

			<p>Mukhlsh Department of Chemical Engineering and Polymer Science, Shahjalal University of Science and Technology, 3114-Sylhet +880 1912815531 zobayer_ceps@yahoo.com</p>					
88	SD2019840	Catalytic transformation of CO2 into renewable fuel	<p>Applicants Information</p> <p>Dr MdAminul Islam Department of Petroleum and Mining Engineering, Jessore University of Science and Technology, Jessore-7408, +8801797258131 aminul03211@yahoo.com</p> <p>Co-investigators Information</p> <p>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</p>	17.0	7.0	6.0	4.0	
89	LS2018836	Selenium biofortification of crops to improve crop quality and human nutrition	<p>Applicants Information</p> <p>Dr MdTanvir Ahmed Chowdhury Department of Soil, Water and Environment Dhaka University 01912057535 mta.chowdhury@du.ac.bd</p> <p>Co-investigators Information</p> <p>Prof ZakiaParveen Department of Soil, Water and Environment, Dhaka University 01764055613 zakiaparveen1@yahoo.ca</p>	20.0	8.0	7.0	5.0	
90	PS2018828	SUPPLY OF SUSTAINABLE RENEWABLE ENERGY THROUGH SOLAR-BIOGAS HYBRID SYSTEM IN NON-URBANIZED AREAS	<p>Applicants Information</p> <p>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</p>	16.0	6.0	5.0	5.0	

			<p>Co-investigators Information</p> <p>Ms SherminAktar Assistant Professor, Department of Farm Power and Machinery, Faculty of Agricultural Engineering and Technology, Sylhet Agricultural University, Sylhet- +8801746610499 sherminrimi@gmail.com</p>					
91	LS2018826	Creation of Variants and Selection of Resistant Rice Genotype(s) against Blast (Magnaportheoryzae) Disease through Mutation Breeding	<p>Applicants Information</p> <p>Dr. Md. Monirul Islam Professor, Agrotechnology Discipline, Khulna University, Khulna-9208, +8801741745787 moniratku@gmail.com</p> <p>Co-investigators Information</p> <p>Ms. Mst. Sabiha Sultana Associate Professor, Agrotechnology Discipline, Khulna University, Khulna- +8801988264339 hure_jannat888@yahoo.com</p>	14.0	6.0	5.0	3.0	
92	LS2018824	Monitoring of dengue vector(s) and develop early warning surveillance system to recommend the sustainable dengue prevention strategies for Bangladesh	<p>Applicants Information</p> <p>Prof Kabirul Bashar DNA Barcoding laboratory, Department of Zoology, Faculty of Biological Sciences, Jahangirnagar University +8801711130312 or +8801971130312 bkabirul@juniv.edu</p> <p>Co-investigators Information</p> <p>Prof Abdul Jabber Hawlader DNA Barcoding laboratory, Department of Zoology, Faculty of Biological Sciences, Jahangirnagar University +8801718031541 jabberjuniv@gmail.com</p>	20.0	8.0	7.0	5.0	
93	LS2018822	ANTIBIOTIC RESISTANCE PREVENTION USING LIPOSOMAL NANO DRUG DELIVERY SYSTEM OF EPIGALLOCATECHIN GALLATE (EGCG)	<p>Applicants Information</p> <p>Dr Mohammad Shariare Associate Professor, Department of Pharmaceutical sciences, North South University, Bashundhara ,</p>	18.0	7.0	6.0	5.0	

			<p>Dhaka -1229 , +8801716620012 (cell) mohammad.shariare@northsouth.edu</p> <p>Co-investigators Information</p> <p>Dr. Abdullah Al Masum Assistant Professor, Department of Pharmaceutical sciences, North South University, Bashundhara , Dhaka -1229 +8801988303763 abdullahal.masum@northsouth.edu</p>					
94	LS2018819	Molecular mechanism of arsenic induced diabetes and potential remedies	<p>Applicants Information</p> <p>Dr Abu AshfaqurSajib Department of Genetic Engineering and Biotechnology,5th floor, Science Complex Building, University of Dhaka +88-01981 910626 abu.sajib@du.ac.bd</p> <p>Co-investigators Information</p> <p>Ms Nilanjana Paul Department of Genetic Engineering and Biotechnology,5th floor, Science Complex Building, University of Dhaka +88-01716284981 nilgeb05@gmail.com</p>	14.0	6.0	5.0	3.0	
95	LS2018818	Use of Seaweed for Ruminant Nutrition	<p>Applicants Information</p> <p>Prof Abu Selim Professor, Department of Animal Science & Nutrition, Faculty of Veterinary Medicine and Animal Science, BSMRAU, Gazipur-1706. 8801718370722 asmselim@bsmrau.edu.bd</p> <p>Co-investigators Information</p> <p>Dr RubayetBostami Asst. Professor, Department of Animal Science & Nutrition, Faculty of Veterinary Medicine and Animal Science, BSMRAU, Gazipur-1706. 01716632251 rubayetbau@gmail.com</p>	22.0	8.0	7.0	7.0	

96	SD2018817	Assessment of heavy metal pollution by industrial effluent discharge	<p>Applicants Information</p> <p>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</p> <p>Co-investigators Information</p> <p>Dr. Habibur Rahman Department of Entomology, Bangabandhu Sheikh MujiburRahman Agricultural University (BSMRAU), Gazipur-1706 Mobile: +8801715296456 hrahman@bsmrau.edu.bd</p>	15.0	6.0	5.0	4.0	
97	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	<p>Applicants Information</p> <p>Dr Md. BakiBillah Associate Professor, Depaertment of Zoology, Jahangirnagar University, Savar, Dhaka-1342 +8801756499600/01915105323 bakibillah29@gmail.com</p> <p>Co-investigators Information</p> <p>Dr Ayesha Sharmin Department of Chemistry, Bangladesh University of Engineering and Technology (BUET), Dhaka- 1000 +880-2-9665614/ 01872994210 ayeshasharmin900@gmail.com</p>	18.0	7.0	6.0	5.0	
98	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	<p>Applicants Information</p> <p>Prof Mohammad Shohel Rana Siddiki Department of Dairy Science, Bangladesh Agricultural University, Mymensingh +88 01718-158133 msrsiddiki@bau.edu.bd</p>	19.0	8.0	6.0	5.0	

		products wi	<p>Co-investigators Information</p> <p>Mr Md. Abid Hassan Sarker Department of Dairy Science, Bangladesh Agricultural University, Mymensingh +88 01722-607050 abid.ds@bau.edu.bd</p>					
99	LS2018797	Experimental and modeling approach of maize yield and water productivity under deficit irrigation	<p>Applicants Information</p> <p>Dr Deen Islam Professor, Dept. of Irrigation and Water Management, Bangladesh Agricultural University, Mymensingh-2202 01716017854 deenislam77@gmail.com</p> <p>Co-investigators Information</p> <p>Mr MdTouhidul Islam Assistant Professor, Dept. of Irrigation and Water Management, Bangladesh Agricultural University, Mymensingh-01723936168 touhidul.iwm@bau.edu.bd</p>	20.0	8.0	7.0	5.0	
100	LS2018794	Feasibility and Profitability of Early winter vegetables cultivation in Sack as relay crop in Transplanted Aman field of Southwest Bangladesh	<p>Applicants Information</p> <p>Prof Md. Abdul Mannan Agrotechnology Discipline, Khulna University, Khulna-9208, Bangladesh 01716703576 mannanku@gmail.com</p> <p>Co-investigators Information</p> <p>Mr Md. Mostofa Kamal Assistant Professor, Agrotechnology Discipline, Khulna University, Khulna-9208, Bangladesh 01714672726 mostofaku@gmail.com</p>	10.0	4.0	3.0	3.0	

101	LS2018791	Development and commercialization of bacteriophage based products for controlling the occurrence of Salmonella spp. in poultry	<p>Applicants Information</p> <p>Prof SabitaRezwana Rahman Department of Microbiology, University of Dhaka, Dhaka-1000 01552638020 sabita_rahman@hotmail.com</p> <p>Co-investigators Information</p> <p>Prof Md. Majibur Rahman Department of Microbiology, University of Dhaka, Dhaka-1000 01552459425 majibrahman@gmail.com</p>	20.0	8.0	7.0	5.0	
102	LS2018790	Understanding the feasibility of training integration to improve safe and nutritious street food availability in Sylhet City: A System Dynamics	<p>Applicants Information</p> <p>Dr G.M. Rabiul Islam Department of food Engineering and Tea Technology, Shahjalal University of Science and Technology, Sylhet-3114, 008801787323944 rabiul14@yahoo.com</p> <p>Co-investigators Information</p> <p>Dr Md. MozzamelHoque Department of food Engineering and Tea Technology, Shahjalal University of Science and Technology, Sylhet-3114, 01715492961 hoquem@gmail.com</p>	18.0	7.0	6.0	5.0	
103	LS2018786	Bioremediation of industrial pollutants from environment using microorganisms	<p>Applicants Information</p> <p>PROF. SANGITA AHMED DEPARTMENT OF MICROBIOLOGY, UNIVERSITY OF DHAKA, DHAKA +8801766946585 sangita@du.ac.bd</p> <p>Co-investigators Information</p> <p>Md. Ibrahim Miah DEPARTMENT OF MICROBIOLOGY UNIVERSITY OF DHAKA, DHAKA +0172355509 ibrahim@du.ac.bd</p>	18.0	7.0	6.0	5.0	

104	LS2018784	Detection and molecular characterization of antimicrobial resistant bacteria in foods of animal origin	<p>Applicants Information</p> <p>Prof Md. Ariful Islam Department of Microbiology & Hygiene Bangladesh Agricultural University 01711390939, islamamma@bau.edu.bd</p> <p>Co-investigators Information</p> <p>Prof Mst. MinaraKhatun Department of Microbiology & Hygiene Bangladesh Agricultural University</p>	15.0	6.0	5.0	4.0	
105	LS2018783	Investigation of Enteric pathogens as a Bio-indicator of water pollution and Their Characterization From different Sources of Water	<p>Applicants Information</p> <p>Prof Anowara Begum Department of Microbiology, University of Dhaka, Dhaka-1000, Bangladesh 88-01926923962 anowara@du.ac.bd ; anowara71@yahoo.com</p> <p>Co-investigators Information</p> <p>Prof Humaira Akhter Department of Microbiology, University of Dhaka, Dhaka-1000, Bangladesh 88-01552314010 humaira@du.ac.bd</p>	16.0	7.0	5.0	4.0	
1206	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.	<p>Applicants Information</p> <p>Prof Dr. Md. Iqbal KabirJahid Department of Microbiology Jessore University of Science and Technology (JUST) 01709818178 ikjahid_mb@just.edu.bd</p> <p>Co-investigators Information</p> <p>Dr Md. MizanurRahaman Department of Microbiology Jessore University of Science and Technology (JUST) 01796585290 razu002@du.ac.bd</p>	20.0	8.0	7.0	5.0	
107	LS2018777	Fungal endophyte Metarhizium for the improvement of rice performance under	<p>Applicants Information</p> <p>Dr Shah Mohammad Naimul Islam</p>	22.0	8.0	8.0	6.0	

		salt stress: possible strategies to challenge global salinity	<p>Department of Biotechnology Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) 01717719735 naimul@bsmrau.edu.bd</p> <p>Co-investigators Information</p> <p>Dr TutanKumer Gosh Professor Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) Department of Biochemistry and Molecular Biology</p>					
108	LS2018776	Studying vitamin D status in autism spectrum disorder and the efficacy of vitamin D supplementation in autistic children in Bangladesh	<p>Applicants Information</p> <p>Prof Abu Syed Md. Mosaddek House: 34, Road: 04, Sector: 09, SonargaonJanapath, Uttara, Dhaka-1230. Uttara Adhunik Medical College +8801711483814 Drmosaddek25@gmail.com</p> <p>Co-investigators Information</p> <p>Dr JahanaraLaizu Uttara Adhunik Medical College House: 34, Road: 04, Sector: 09, SonargaonJanapath, Uttara, Dhaka-1230. 01726737476 Drmosaddek25@gmail.com</p>	17.0	7.0	6.0	4.0	
109	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	<p>Applicants Information</p> <p>Prof S. M. LutfulKabir Dept. of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh-2202 +8801754987218 lkabir79@bau.edu.bd</p> <p>Co-investigators Information</p> <p>Prof Md. Mahmudul Hasan Sikder Dept. of Pharmacology, Bangladesh Agricultural University, Mymensingh +8801766677178 drmsikder@bau.edu.bd</p>	20.0	8.0	7.0	5.0	
				1810.00	745.25	599.75	465.00	

