

2022-23_82_ 3rd yr. running projects (Start from 2020-2021)

Sl. No.	Project ID	Title of the Project	PI and Co-PI information	Total Allocation	Budget Allocation		
					1 st Year (2020-21)	2 nd Year (202-22)	3 rd Year (2022-23)
1	SD20211542	Enhancement of microbial community in a mixed culture fermentation for bio-polymer (polyhydroxyalkanoate) production from renewable resource	<p>Prof Dr. Md Salatul Islam Mozumder Dept. of Chemical Engineering and Polymer Science, SUST, Sylhet, 0088-01631606101 salatul-cep@sust.edu</p> <p>Co-investigators Mr Md. MohibulAlam Dept. of Chemical Engineering and Polymer Science, SUST, Sylhet, 0088-01712565401 mmalam_cep@yahoo.com</p>	21.00	6.00	9.00	6.00
2	LS20211533	Studies on resistance mechanisms and screening methodology of Tomato genotypes under salinity stress	<p>Dr Shormin Choudhury Department of Horticulture, Sher-e-Bangla Agricultural University, Dhaka 01537714267, shormin2000@gmail.com</p> <p>Co-investigators Information Dr Md. Harun-Ur Rashid Department of Genetics and Plant Breeding, Sher-e-Bangla Agricultural University Dhaka 01712612417, sumonsau@gmail.com</p>	20.79	5.94	8.91	5.94
3	LS20211532	Response Surface Optimization for the Prevention of Carcinogenic Compounds Formed in Processed Meat Products Using Tea Leaf Extracts	<p>Prof WahiduZzaman Department of Food Engineering and Tea Technology, Shahjalal University of Science and Technology, Sylhet 01766505210 wahidanft@yahoo.com</p> <p>Co-investigators Information Prof Iftekhar Ahmad Department of Food Engineering and Tea Technology, Shahjalal</p>	20.62	5.90	8.83	5.89

			University of Science and Technology, Sylhet 01712226642, iftekharfet.sust@yahoo.com				
4	LS20201497	Physiological adaptation of indigenous sheep to increased water salinity at the coastal areas of Bangladesh	Dr Rukhsana Amin Runa Associate Professor, Department of Surgery and Obstetrics, Bangladesh Agricultural University, Mymensingh 2202, +8801717203305 ramin.so@bau.edu.bd; ramin.dso@gmail.com Co-investigators Information Mr Moinul Hasan Assistant Professor, Department of Surgery and Obstetrics, Bangladesh Agricultural BAU, Mymensingh 2202, Mobile: +8801750458379 moinul.vet@bau.edu.bd	20.83	5.96	8.92	5.95
5	IC20201496	IoT and deep learning based smart system development for poultry environment monitoring and controlling, bird growth and sell time prediction of poultry farms	Prof Dr. Md. Rakib Hassan Department of Computer Science and Mathematics, Bangladesh Agricultural University, Mymensingh-2202. 01857488046, rakib@bau.edu.bd Co-investigators Information Mr Machbah Uddin Department of Computer Science and Mathematics, BAU, Mymensingh-2202. 01857488046, machbah.csm@bau.edu.bd	20.97	6.00	8.98	5.99
6	LS20201481	Evaluation of the Potency of coral fossil as a toxin binder in blood biochemistry and different organs in heavy metal treated broiler	Dr AfrinaMustari Associate Professor, Department of Physiology, Bangladesh Agricultural University Mymensingh 01703177893 afrina.mustari@bau.edu.bd	21.00	6.00	9.00	6.00

			<p>Co-investigators Information</p> <p>Prof Mohammad Alam Miah Professor, Department of Physiology, Bangladesh Agricultural University Mymensingh 2202, Bangladesh 01766383494 alam.dina@gmail.com</p>				
7	LS20201478	Determination of hybridization and gene introgression in Indian major carps of Bangladesh for sustainable aquaculture and fisheries management	<p>Dr Md. Rashedul Kabir Mondol Associate Professor, Department of Fisheries +8801720425054 rashedul.kabir@ru.ac.bd</p> <p>Co-investigators Information</p> <p>Dr SyedaNusratJahan Department of Fisheries, University of Rajshahi +8801737000495 nusratru@ru.ac.bd</p>	16.10	4.60	6.90	4.60
8	LS20201474	Improving crop productivity through adoption of climate resilient cropping systems in the selected charland of Bangladesh	<p>Prof. Dr. Ahmed Khairul Hasan Department of Agronomy, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh 01711315723 akhasan@bau.edu.bd</p> <p>Co-investigators Information</p> <p>Prof. Dr. Md. Abdus Salam Department of Agronomy, Bangladesh Agricultural University 01760178542 salamma71@yahoo.com</p>	20.85	5.96	8.93	5.96
9	LS20201448	Development of an anti-COVID19 Phytomedicine formulation and Evaluation of its immunoboosting, anti-inflammatory, anti-coagulating, anti-oxidant and	<p>Prof Md. Moklesur Rahman Sarker Department of Pharmacy, 77 Satmasjid Road, Dhanmondi, Dhaka 1205, Bangladesh State University of Bangladesh 01776758882 prof.moklesur@sub.edu.bd</p> <p>Co-investigators Information</p>	20.98	6.00	8.99	5.99

		anti-viral activities against novel coronavirus	Prof Sukalyan Kumar Kundu State University of Bangladesh Dept. of Pharmacy, Jahangirnagar University, Savar, Dhaka-1342 01731291468 skkbd415@gmail.com				
10	LS20201447	Determination of Chemical Residues of Different Water Bodies and its impact on Environment and Human Health	Prof MD AZHARUL ISLAM Department of Environmental Science, Bangladesh Agricultural University, Mymensingh, Post Code: 2202, Bangladesh 01719993555, maislam@bau.edu.bd Co-investigators Information Prof MD SHAHADAT HOSEN Department of Environmental Science, Bangladesh Agricultural University, Mymensingh, Post Code: 2202, Bangladesh 01718028558 mshossen@bau.edu.bd	20.86	5.96	8.94	5.96
11	LS20201446	Determination of artificial food colors, sweeteners and preservatives in processed foods by High Performance Liquid Chromatography and assessment of the possible health risk of primary school going children	Prof Luthfunnesa Bari Department of Food Technology and Nutritional Science, MawlanaBhashani Science and Technology University, Santosh, Tangail, Bangladesh 01703162053 mslbari@hotmail.com Co-investigators Information Dr Zainul Abedin Dept. of Food Technology and Nutritional Science, MawlanaBhashani Science and Technology University, Santosh, Tangail-1902, Bangladesh. 01712132358, zabedin_311@yahoo.com	21.00	6.00	9.00	6.00

12	LS20201440	Identification of Titin (TTN) gene mutation as genetic marker for early prognosis of Dilated Cardiomyopathy (DCM) patients in Bangladeshi Population	<p>Prof Md Abu Reza Department of Genetic Engineering and Biotechnology, University of Rajshahi, Rajshahi-01717728189 reza.gen@ru.ac.bd;rezaru@gmail.com</p> <p>Co-investigators Information Mr Khandaker Md. Khalid-Bin Ferdaus, Asst. Professor Department of Genetic Engineering and Biotechnology, University of Rajshahi, Rajshahi-01717253919 kmbkferdaus@gmail.com</p>	21.00	6.00	9.00	6.00
13	LS20201439	Development of Nutrient based Innovative Technology for Improved Management of Citrus Greening disease of Sweet Orange	<p>Prof Dr. Md. Rashidul Islam Department of Plant Pathology, Bangladesh Agricultural University, Mymensingh-2202, +8801741112529 rasha740177@yahoo.com</p> <p>Co-investigators Information Prof Dr. Mahmud Hossain Sumon Department of Soil Science, Bangladesh Agricultural University, Mymensingh-2202 +8801718386161 mahmud.ss@bau.edu.bd</p>	20.61	5.88	8.84	5.89
14	LS20201435	Diversity and molecular characterization of microbes associated with sediments, water, and fish and shellfishes in mangrove of Sundarbans in Bangladesh	<p>Dr Md. Mer Mosharraf Hossain Sadhinotasarak, Jashore-7408 Jessore University of Science and Technology (JUST) 01731143787 mmm.hossain@just.edu.bd</p> <p>Co-investigators Information Prof Dr. Md. Anisur Rahman Jessore University of Science and Technology Sadhinotasarak, Jashore-7408 01710814526 anis_1963@yahoo.com</p>	17.50	5.00	7.50	5.00
15	PS20201433	Radiation monitoring and estimation of	Dr Mohammad Sohelur Rahman Health Physics Division, Atomic Energy Centre, 4 KaziNazrul Islam	21.00	6.00	9.00	6.00

		radiological risk to public around large hospitals of Bangladesh	Avenue, Shahbag Bangladesh Atomic Energy Commission 01827328238 msrahman74@hotmail.com Co-investigators Information Ms Selina Yeasmin Bangladesh Atomic Energy Commission Chief Scientific officer Health Physics Division, Atomic Energy Centre, 4 KaziNazrul Islam Avenue, Shahbag 01534514249, selinayeammin@yahoo.com				
16	LS20201431	Rooftop gardening for sustainable environmental management with reduce, reuse and recycle through maximum utilization of natural resources.	Dr Ferzana Islam Department of Agroforestry and Environmental Science Sher- E- Bangla Agricultural University +8801715013998 ferzanaislam@gmail.com Co-investigators Information Dr Jubayer Al-Mahmud Sher- E- Bangla Agricultural University Department of Agroforestry and Environmental Science +88 01771606735 jamahmud_bd@yahoo.com	20.52	5.86	8.80	5.86
17	LS20201427	SALINE TOLERANT VEGETABLE PRODUCTION IN SOUTHERN COASTAL AREA FOR NUTRITIONAL SECURITY	Prof AKM. Faruk-E Azam Professor, Department of Agricultural Chemistry, Patuakhali Science and Technology University, Dumki, Patuakhali-8602, 01711703292 azampstu@yahoo.com Co-investigators Information Prof MD. FAKHRUL HASAN Professor, Department of Horticulture,	21.00	6.00	9.00	6.00

			Patuakhali Science and Technology University, Dumki, Patuakhali-8602 01716351929 hasanpstu@yahoo.com				
18	MS20201426	Study on the general mesh generating algorithms and the domain integrals for developing the computer code to solve the two-dimensional continuum mechanics problems.	Dr Md. Shajedul Karim Department of Mathematics Shahjalal University of Science and Technology, 01766061795 msk-mat@sust.edu Co-investigators Information Dr PabelShahrear Shahjalal University of Science and Technology Department of Mathematics 01711452071 pabelshahrear@yahoo.com	21.00	6.00	9.00	6.00
19	LS20201424	Improvement and Development of Agar Based Multistoried Agroforestry System for Higher Production, Profitability and Land Use Under the Old Brahmaputra Flood Plain Areas of Bangladesh	Prof Satya Ranjan Saha Department of Agroforestry and Environment, BSMRAU, Gazipur, Bangladesh Cell phone: 01712-541000 satyasaha1960@yahoo.com Co-investigators Information Prof Md. Abiar Rahman Department of Agroforestry and Environment, BSMRAU, Gazipur, Bangladesh Cell phone: 01552495452 abiar@bsmrau.edu.bd	18.35	5.24	7.87	5.24
20	SD20201415	<u>Impact of Technical Vocational Education and Training (TVET) on the job market: An Exploratory Study on Current Evidence of Bangladesh</u>	Dr Monira Jahan Director, IER Jagannath University 01923113159 jahannottingham@yahoo.co.uk Co-investigators Information Mr Tanveer Mohammad Al-Shams Asian University of Bangladesh Asst. Professor TongabariAshulia,Savar, Dhaka .	20.30	5.80	8.70	5.80

			01841849874 tanveer.aub@gmail.com				
21	LS20201411	<u>Improving farm productivity in unfavorable tidal flooded coastal region of Bangladesh</u>	Dr Md. Abdullah Al Mamun Associate Professor, Department of Agronomy Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) +88-01747411668 aamamunbri@yahoo.com Co-investigators Information Professor Dr M.A. Karim Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) Department of Agronomy +88-01816020290 mannanbsmrau@yahoo.com	20.58	5.88	8.82	5.88
22	MRS20201410	<u>Trophic transfer of microplastics in the aquatic food web of Sundarbans mangrove ecosystem, Bangladesh</u>	Dr GawsiaWahidunnessa Chowdhury Department of Zoology Dhaka University +8801712613759 gawsia@gmail.com; gawsia@du.ac.bd Co-investigators Information Dr Subrata Sarker Asst. Professoer Dhaka University Department of Oceanography +8801710417753 subratasrk-ocg@sust.edu	21.00	6.00	9.00	6.00
23	LS20201408	<u>Development of cultivation technology of nutrient enriched hilly black rice in Charland areas of Bangladesh</u>	Applicants Information Dr Md. Rashedur Rahman Department of Agronomy, Faculty of Agriculture, Bangladesh Agricultural University, BAU, Mymensingh-2202 +880-1717-362531 rashedagron@bau.edu.bd Co-investigators Information	20.97	6.00	8.98	5.99

			<p>Dr Iffat Ara Mahzabin Bangladesh Agricultural University Department of Agricultural Extension Education, Faculty of Agriculture, BAU, Mymensingh- 2202 +880-1727-266499 mahzabinagext@bau.edu.bd</p>				
24	LS20201405	<p><u>Identifying climate-resilient tree species by investigating long-term physiological and xylem hydraulic responses of tropical trees to climate change using wood anatomy and stable isotope analysis</u></p>	<p>Applicants Information Dr Mizanur Rahman Associate Professor, Department of Forestry and Environmental Science, Shahjalal University of Science and Technology, Sylhet- 3114, Bangladesh Shahjalal University of Science and Technology +8801711153231 mizan-for@sust.edu</p> <p>Co-investigators Information Dr Mahmuda Islam Shahjalal University of Science and Technology Associate Professor, Department of Forestry and Environmental Science, Shahjalal University of Science and Technology, Sylhet- 3114, Bangladesh +8801712172658 mahmudafor@yahoo.com</p>	20.94	5.98	8.97	5.98
25	LS20201396	<p><u>Molecular Identification and Characterization of a Group of Eco- Friendly Bacterial Strains in Rajshahi City Corporation Area Associated to Urban and Industrial Wastewater Treatment</u></p>	<p>Dr Md. Salah Uddin Associate Professor, Department of Genetic Engineering and Biotechnology, Sir Jagadish Chandra Bose Bhaban, Rajshahi University, Rajshahi-6205 01724365696 salim.geb@ru.ac.bd</p> <p>Co-investigators Information Mr Amit Kumar Dutta Associate Professor, Department of Genetic Engineering and Biotechnology, Sir Jagadish Chandra Bose Bhaban, Rajshahi University, Rajshahi-6205</p>	19.71	5.64	8.44	5.63

			01711573211 amitdutta_81@yahoo.com				
26	PS20201394	<u>Development of Nanocomposites for Photocatalytic Remediation of Antibiotics from Pharmaceutical Effluents</u>	Prof Md. Habibur Rahman Department of Chemistry, Rajshahi University, Rajshahi 6205 01776199749 mhr@ru.ac.bd Co-investigators Information Dr Md. Shamim Hossan Associate Professor, Department of Chemistry, Rajshahi University, Rajshahi 6205 01755220457 shamim_che_ru@yahoo.com	20.99	6.00	8.99	6.00
27	LS20201381	<u>Primary Immunodeficiency Disorders (PIDs): Formulation of Local Diagnostic Algorithm and Development of a Patient Registry in BSMMU</u>	Dr Mohammad Imnul Islam Room no 210 ,C block, Department of Paediatrics, Bangabandhu Sheikh Mujib Medical University, Shahbag ,Dhaka-1000 01711393049 imon27@gmail.com Co-investigators Prof Sharmeen Ahmed Department of Microbiology and Immunology , BSMMU, shahbag , Dhaka-1000 01819216919 drsharmeenahmed@gmail.com	18.81	5.38	8.06	5.37
28	LS20201358	<u>Screening of probiotics characteristics and cholesterol lowering effects of isolated lactic acid bacteria from traditionally made dairy foods</u>	Prof Md. Harun-ur Rashid Department of Dairy Science, Bangladesh Agricultural university, Mymensingh-2202, Bangladesh +88 01720 381581 harunds@bau.edu.bd Co-investigators Information Prof Mohammad Ashiqul Islam Department of Dairy Science, Bangladesh Agricultural university, Mymensingh-2202, Bangladesh +88 01712 428472 m.a.islam@bau.edu.bd	20.93	5.98	8.97	5.98

29	PS20201355	<u>Green synthesis of silver nanoparticles using wild Colocasia esculenta leaf extract: Evaluation of antibacterial and anticancer potentially</u>	Dr Md. Tajuddin Sikder Department of Public Health and Informatics, Jahangirnagar University, Savar, Dhaka 1342 +8801711507958 sikder@juniv.edu Co-investigators Information Dr MahfuzaMobarak Department of Public Health and Informatics, Jahangirnagar University, Savar, Dhaka 1342 +8801311334033 mahfuzakbsi@gmail.com	20.99	6.00	8.99	6.00
30	LS20201349	<u>Investigations of animal and environmental samples to identify the zoonotic source of the COVID-19 Virus in Bangladesh</u>	Prof Md. Shahiduzzaman Department of Parasitology, Bangladesh Agricultural University, Mymensingh-2202 +8801779094718 szaman@bau.edu.bd Co-investigators Information Dr Mahbubul Pratik Siddique Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh-2202 +88-01785222504 mpsiddique77@gmail.com	19.15	5.48	8.20	5.47
31	MRS20201345	<u>Effects of ocean acidification and global warming on molluscs and coral commuties of Saint Martin Island, Bangladesh</u>	Dr MD. SHAFIQUL ISLAM Professor, Institute of Marine Sciences, University of Chittagong, Bangladesh. +88-031-2606001-10, Ext. 4311; Mobile: 01712062651 prof.shafiqims@cu.ac.bd Co-investigators Information Mr MD MOSTAFA MONWAR Associate Professor, Institute of Marine Sciences, University of Chittagong, Bangladesh. +88-031-2606001-10, Ext. 4311; Mobile: +88-01718 579 880 monwar@cu.ac.bd	20.90	5.98	8.95	5.97

32	LS20201344	<u>STOCK ASSESSMENT AND CONSERVATION OF HILSA SHAD Tenualosailisha IN THE BAY OF BENGAL</u>	<p>Dr ZoarderFaruque Ahmed Professor, Department of Fisheries Management, Bangladesh Agricultural University, Mymensingh-Mobile: +88-01712269016; Office: +88-091-67401-6/2930 zoarder2000@yahoo.com</p> <p>Co-investigators Information</p> <p>Dr. Mst. Kaniz Fatema, Professor, Department of Fisheries Management, Bangladesh Agricultural University, Mymensingh-2202 Mobile: +88-01716717739; Office: +88-091-67401-6/2930 kanizhossain@gmail.com</p>	21.00	6.00	9.00	6.00
33	LS20201343	<u>Detection and management of mastitis and drug resistance microbes in the dairy milk of Pabna and Sirajgonj Districts to promote safe milk production</u>	<p>Prof Mohammad Abu Hadi Noor Ali Khan Department of Pathology, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh +8801727203934 hadi.khan@bau.edu.bd</p> <p>Co-investigators Information</p> <p>Dr MunmunPervin Department of Pathology, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh +8801746373103 munmunbau07@gmail.com</p>	21.00	6.00	9.00	6.00
34	MS20201341	<u>Fabrication of lead free high quality perovskite materials for optoelectronics and solar cell applications</u>	<p>Dr Md. Kamruzzaman Department of Physics, Begum Rokeya University, Rangpur 01771034439 kzaman.phy11@gmail.com</p> <p>Co-investigators Information</p> <p>Dr Md. Al- Helal Department of Physics, Begum Rokeya University, Rangpur</p>	14.60	4.18	6.25	4.17

			01727231188 helalphy82@gmail.com				
35	LS20201340	<u>Extraction, separation and identification of antibiotics from native Actinomycetes</u>	Prof KaziShakhawath Hossain Department of Botany, Jagannath University, Dhaka-1100, Bangladesh +8801714454541 ksh1968@gmail.com Co-investigators Information Dr A. M. M. Golam Adam Department of Botany, Jagannath University, Dhaka-1100, Bangladesh +8801715645170 adam_du04@yahoo.com	20.22	5.78	8.66	5.78
36	LS20201338	<u>Identification and molecular characterization of the associated fungi of dry small indigenous fishes and its eco-friendly conservation</u>	Prof Dr. Ismot Ara Department of Zoology, Jahangirnagar University, Savar, Dhaka-1342. +880-1711-231229 ismotzool@yahoo.com Co-investigators Information Prof Abdullah-Al- Masud Department of Zoology, Jagannath University, Dhaka, Bangladesh. +880-1711-205815 abdullahmasud71@gmail.com	20.72	5.92	8.88	5.92
37	LS20201331	<u>Mass Culture of a Green Alga, Haematococcuspluvialis and its Utilization in Rearing of Zooplankton and Fish Larvae</u>	Prof Saleha Khan Department of Fisheries Management, Bangladesh Agricultural University, Mymensingh-2202 01913822745 salehakh@bau.edu.bd Co-investigators Information Prof Md. Shahjahan Department of Fisheries Management, Bangladesh Agricultural University, Mymensingh-2202 01718590903 mdshahjahan@bau.edu.bd	20.09	5.74	8.61	5.74

38	LS20201329	<u>Isolation and molecular characterization of bacteriophages and their potentiality as growth promoter and treatment against Colibacillosis and Salmonellosis in poultry alternative to antibiotics</u>	<p>Prof Marzia Rahman Dept. of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh. +8801916594452 marzia_micro@yahoo.com</p> <p>Co-investigators Information Prof Muhammad Tofazzal Hossain Dept. of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh. +8801711367313 tofazzal@yahoo.com</p>	19.29	5.52	8.26	5.51
39	LS20201326	<u>Maternal intervention of chitosan oligosaccharides (COS) for reducing neonatal calves' mortality in Bangladesh</u>	<p>Prof Mizanur Rahman Department of Surgery and Obstetrics, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh-2202 +88-01726465607 miznih@gmail.com</p> <p>Co-investigators Information Dr Momena Khatun Department of Surgery and Obstetrics, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh-2202 +88-01714681176 monarahman24@yahoo.com</p>	21.00	6.00	9.00	6.00
40	LS20201320	<u>Role of Heat Shock Proteins (HSPs) in immunomodulation, adaptation and productivity of indigenous goats under heat stress condition</u>	<p>Prof Dr. Md. Mahmudul Alam Department of Surgery & Obstetrics, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh-2202. 01716-243291 mahmuddso2004@gmail.com</p> <p>Co-investigators Information Prof Dr. Nasrin Sultana Juyena Department of Surgery & Obstetrics, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh-2202.</p>	20.30	5.80	8.70	5.80

			01759-674267 juyenahabib@yahoo.com				
41	LS20201311	<u>Molecular Characterization of Novel Pathogen Responsible for Stem Basal Rot (SBR) disease in Coconut and Development of Prophylactic & Curative Management Package against the New Disease</u>	Dr Md. Belal Hossain Professor, Department of Plant Pathology, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207. +88-01711988444 dr.mbhossain@sau.edu.bd Co-investigators Information Ms Hosna Ara Chowdhury Nisha Asst. Professor, Department of Plant Pathology, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207. +88-01675317724 saunisha@yahoo.com	20.62	5.90	8.83	5.89
42	PS20201309	<u>Study on Promoting and Protecting the Traditional Food Products of Bangladesh</u>	Dr Md. Nizamul Hoque Bhuiyan Institute of Nutrition and Food Science Dhaka University 8801925807847 muddin1977iba@gmail.com Co-investigators Information Mr Saiful Islam Assistant Professor Dhaka University Institute of Nutrition and Food Science 8801676051257 saifulinfs@du.ac.bd	17.78	5.08	7.62	5.08
43	LS20201307	<u>Cryopreservation of primordial germ cells (PGCs) for ex-situ conservation of poultry genetic resources in Bangladesh</u>	Prof Abdul Gaffar Miah Department of Genetics and Animal Breeding, Hajee Mohammad Danesh Science and Technology University, Dinajpur-5200 01784973090 muddin1977iba@gmail.com Co-investigators Information Dr Mst. MisratMasuma Parvez Assistant Professor, Department of Physiology and Pharmacology,	21.49	6.14	9.21	6.14

			Hajee Mohammad Danesh Science and Technology University HSTU, Dinajpur-5200 01767771669 parvezmisrat@gmail.com				
44	LS20201300	<u>Study on Arsenic-Induced Cardiovascular Diseases and Its Correlation with Mitochondrial DNA Damage and Polymorphisms of Genes Related to Oxidative Stress and As-Metabolism</u>	Prof Mohammad Al-Forkan Professor, Department of Genetic Engineering and Biotechnology, University of Chittagong 0312606001-14, Ext. 4414; Mobile: +8801819383213 alforkangeb@gmail.com Co-investigators Information Prof Md. Zillur Rahman Head & Professor, Department of Pathology, Chittagong Medical College, Chittagong +8801819315116; +880-31-616550 drzillur@gmail.com	21.00	6.00	9.00	6.00
45	LS20201296	<u>Alteration in genes regulation in fishes by residual pesticides of agricultural fields and consequent impact on human health</u>	Dr Alam Khan Department of Pharmacy, Rajshahi University, Rajshahi-6205, Bangladesh 01752051493 alamkhan@ru.ac.bd Co-investigators Information Dr Tarannum Naz Department of Pharmacy, Rajshahi University, Rajshahi-6205, Bangladesh 01717254848 taranaz@ru.ac.bd	21.00	6.00	9.00	6.00
46	LS20201293	<u>Antibiotic resistance profile and molecular characterization of pathogenic bacteria emerging in aquaculture farms of Bangladesh</u>	Prof Dr. Md. Shaheed Reza Dept. of Fisheries Technology, Faculty of Fisheries, Bangladesh Agricultural University Bangladesh Agricultural University 01913719233 rezams@gmail.com Co-investigators Information Prof Dr. Md. Abul Mansur Dept. of Fisheries Technology, Faculty of Fisheries, Bangladesh Agricultural University	21.00	6.00	9.00	6.00

			01711193460 mansurft63@gmail.com				
47	LS20201292	<u>Identification of molecular biomarkers for prognosis and chemotherapy response in children with acute lymphoblastic leukemia</u>	Prof Hossain Uddin Shekhar Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka-1000 +8801715059252 hossainshekhar@du.ac.bd Co-investigators Information Dr Tania Sultana Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka-1000 +8801758918278 tania.sultana@du.ac.bd	21.00	6.00	9.00	6.00
48	LS20201285	<u>Identification of an alternative to antibiotic growth promoter (AGP) for safe poultry meat production in Bangladesh</u>	Prof Muhammad Tofazzal Hossain Department of Microbiology and Hygiene, Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh-01711367313 tofazzalmh@bau.edu.bd Co-investigators Information Prof Md. Abdul Awal Department of Anatomy and Histology, BAU Mymensingh-2202 +88-091-67401/2309 professor.awal.bau@gmail.com	21.00	6.00	9.00	6.00
49	LS20201284	<u>Application of synbiotics as an environment friendly approach on growth and immunity development in two important catfishes of Bangladesh</u>	Prof Md. Sadiqul Islam Department of Fisheries Biology & Genetics, BAU, Mymensingh Bangladesh Agricultural University +8801726559543 sadiqu1973@yahoo.com Co-investigators Information Prof Nahid Sultana Lucky Bangladesh Agricultural University Department of Fisheries Biology & Genetics, BAU, Mymensingh	20.97	6.00	8.98	5.99

			01714419508 nahidlucky@gmail.com				
50	PS20201282	<u>Extraction of Polyphenols from Banana Peel and Encapsulation of Polyphenols via Freeze Drying</u>	Dr Md. Anisur Rahman Mazumder Department of Food Technology and Rural Industries Bangladesh Agricultural University 01754146914 anis_engg@bau.edu.bd Co-investigators Information Mr Md. Ahmadul Islam Assistant Professor Bangladesh Agricultural University Department of Food Technology and Rural Industries 01722010081 sourav.ftri@bau.edu.bd	18.90	5.40	8.10	5.40
51	LS20201276	<u>Intensification of Aquaculture through Effective Biofloc Fish Culture System in Sylhet Region</u>	Prof MrityunjoyKunda Department of Aquatic Resource Management, Sylhet Agricultural University, Tilagor, Sylhet-3100 01712083003 kunda.sau@gmail.com Co-investigators Information Dr Ahmed Harun-Al-Rashid Department of Aquatic Resource Management, Sylhet Agricultural University, Tilagor, Sylhet-3100 01302609673 russel.sau@gmail.com	20.62	5.90	8.83	5.89
52	LS20191274	<u>Standardizing the compositions and concentrations of the culture solution for the production of quality strawberry in closed hydroponic system</u>	Dr Md. RaihanTalukder BS Building, Room# 309, Department of Environmental Science, Faculty of Agriculture, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur-1706 01789232982 raihan_soilsci@yahoo.com Co-investigators Information Mr. Khokan Kumar Saha Assistant Prof. Dept. of Agricultural Engineering, BSMRAU	20.86	5.96	8.94	5.96

			Mob. No. 01722419061 Khokan12ag.eng@gmail.com				
53	LS20191272	<u>Wildlife diversity and population status in five divisional urban cities (Dhaka, Rajshahi, Chittagong, Khulna and Sylhet) in Bangladesh: Identifying key threats and conservation measures</u>	Prof Dr. Mohammad FirojJaman Department of Zoology, University of Dhaka, Dhaka 01733263320 mfjaman4@gmail.com Co-investigators Information Dr PriyankaBarua Assistant Professor, Department of Zoology, University of Dhaka, Dhaka 01866728886 baruap7@gmail.com	20.94	5.98	8.97	5.98
54	LS20191271	<u>Determination of maturity indices and its impact on the shelf life and processed products of some selected mango varieties of Bangladesh</u>	Prof Dr. Md. AzizulHoque Professor, Department of Horticulture, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) Gazipur-1706. 01711-488619/ 01685-308695 azizul@bsmrau.edu.bd Co-investigators Information Dr M. Ahiduzzamzn Associate Professor, Department of Agro-processing, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur-1706 01552495532 ahid.agp@bsmrau.edu.bd	20.66	5.90	8.86	5.90
55	SD20191269	<u>Optimize cryopreservation and vitrification protocol of sperm in high producing Indian beetle goat for upgradation; indigenous goat in Bangladesh.</u>	Dr Md. EmtiajAlam Assistant professor, Dept. of Veterinary and Animal Sciences, Rajshahi University. +8801315053038 emtiajalam8303@gmail.com Co-investigators Information Prof Md. Akhtarul Islam Dept. of Veterinary and Animal	17.10	4.88	7.33	4.89

			Sciences, Rajshahi University. +8801712425865 maids07@yahoo.com				
56	SD20191260	<u>Production enhancement through integration of fish, vegetable and mollusk of different trophic level in traditional prawn farming system in south west coastal Bangladesh</u>	Prof Dr. Khandaker Anisul Huq Fisheries and Marine Resource Technology Discipline, Khulna University, Khulna. 01914325047 huqka@yahoo.com Co-investigators Information Mr Joyanta Bir Fisheries and Marine Resource Technology Discipline, Khulna University, Khulna. 01999371741 joy.fmrt@gmail.com	20.94	5.98	8.98	5.98
57	LS20191259	<u>Phytoremediation and Phylloremediation approach: Exploring the potential of plants for the remediation of air pollutants</u>	Prof Md. Badiuzzaman Khan Department of Environmental Science, Bangladesh agricultural university, Mymensingh-2202 01716615141 mbkhan@bau.edu.bd Co-investigators Information Prof Md Abdul Baten Department of Environmental Science, Bangladesh agricultural university, Mymensingh-2202 01717101864 baten_envsc@yahoo.com	13.30	3.80	5.70	3.80
58	PS20191251	<u>Nanoporous anode materials for high performance lithium-ion batteries</u>	Dr Md Arafat Rahman Dept. of mechanical Engineering, CUET, Chittagong-4349. Chittagong University of Engineering & Technology 01719 416328 arafat@cuet.ac.bd Co-investigators Information Dr Md Abu Mowazzem Hossain Dept. of mechanical Engineering CUET, Raowzan, Chittagong- 01735 530848 mowazzem@cuet.ac.bd	16.39	4.68	7.03	4.68

59	PS20191250	<u>Synthesis of conductive polymer composite for electrochemical energy storage application</u>	<p>Dr Md. Mostafizur Rahman Associate Professor, Department of Chemical Engineering and Polymer Science, Shahjalal University of Science and technology, Sylhet, 01819827918 mostafizur.cep@gmail.com</p> <p>Co-investigators Information</p> <p>Prof Mohammed Mastabur Rahman Professor, Department of Chemical Engineering and Polymer Science, Shahjalal University of Science and technology, Sylhet 01711739130 mrahmanbsb@gmail.com</p>	10.50	3.00	4.50	3.00
60	LS20191246	<u>Synthesis of oxadiazoles and evaluation for the insecticidal property</u>	<p>Dr SukumarBepary 9-10, Chittaranjan Avenue, Dhaka 1100, Bangladesh Jagannath University, Dhaka, Bangladesh 8801912938593 sukumarsb@yahoo.com</p> <p>Co-investigators Information</p> <p>Dr Bishyajit Kumar Biswas Jagannath University, Dhaka, Bangladesh 9-10, Chittaranjan Avenue, Dhaka 1100, Bangladesh +8801781453704 biswas121@yahoo.com</p>	17.98	5.14	7.71	5.14
61	LS20191244	<u>“Sero-surveillance, molecular characterization and risk factors for Lumpy Skin Disease virus in cattle of Bangladesh”</u>	<p>Prof. Dr. Md. Mukter Hossain Department of Medicine, Faculty of Veterinary, Animal and Biomedical Sciences, Sylhet Agricultural University, Sylhet-3100, Bangladesh 01712054850 mukter.vetmed@sau.ac.bd</p> <p>Co-investigators Information</p> <p>Dr. Md. Bashir Uddin Department of Medicine, Faculty of Veterinary, Animal and Biomedical Sciences, Sylhet Agricultural University, Sylhet-3100,</p>	21.00	6.00	9.00	6.00

			Bangladesh 01711904037 bashir.vetmed@sau.ac.bd				
62	LS20191232	<u>Characterization of genetic and biochemical changes in breast cancers, and identification of key targets for early diagnosis and protection of recurrence.</u>	Dr. RobiulHasanBhuiyan Associate Professor, Department of Biochemistry and Molecular Biology, University of Chittagong, Chittagong-4331. 01819-071982 biochemistrobi79@gmail.com Co-investigators Information Dr. KanchanChakma Associate Professor, Department of Biochemistry and Molecular Biology, CU, Chittagong-4331. 01862-008326 kanchan.chakma@gmail.com	21.00	6.00	9.00	6.00
63	LS20191222	<u>Enhancing livelihood and food security of the poor farmers through inclusion of improved agroforestry models in the MadhupurGarh of Bangladesh</u>	Dr KaziKamrul Islam Professor, Department of Agroforestry, Faculty of Agriculture, Bangladesh Agricultural University, Mymensingh--8801711113091 kamrulbau@bau.edu.bd Co-investigators Information Dr G M Mujibar Rahman Professor, Department of Agroforestry, Faculty of Agriculture, Bangladesh Agricultural University, Mymensingh--8801712614752 gmmrbau@bau.edu.bd	21.00	6.00	9.00	6.00
64	PS20191220	<u>Synthesis of Pyrimidine Nucleoside Analogues for the Possibilities with Expected Drug Targets</u>	Prof Dr. S. M. Abe Kawsar Department of Chemistry, University of Chittagong, Chittagong-4331, Bangladesh +8801762717081 akawsarabe@yahoo.com Co-investigators Information Ms Mariam Islam Department of Chemistry, University of Chittagong, Chittagong-4331, Bangladesh	21.00	6.00	9.00	6.00

			+8801723860016 mislam@cu.ac.bd				
65	LS20191218	<u>Isolation and molecular characterization native mosquitocidal Bacillus thuringiensis strains from Bangladesh and their pathogenicity against mosquitoes of medical importance</u>	Prof Dr. MohamamdTofazzal Hossain Howlader Department of Entomology Bangladesh Agricultural University +8801742220004 tofazzalh@bau.edu.bd Co-investigators Information Prof Dr. Mohammad Mehedi Hasan Khan Department of Biochemistry and Chemistry, Sylhet Agricultural University, Sylhet +8801680592166 khanmmh.biochem@sau.ac.bd	21.00	6.00	9.00	6.00
66	LS20191215	<u>Biotechnological control of shoot and fruit borer of okra through Cry1Ac transgenes derived from local isolate of Bacillus thuringiensis</u>	Prof Md. Anowar Hossain Department of Biochemistry & Molecular Biology, University of Rajshahi, Rajshahi-6205. 0721-711109, 01556311310 mahossain95@hotmail.com Co-investigators Information Prof Md. Rezaul Karim Department of Biochemistry & Molecular Biology, University of Rajshahi, Rajshahi-6205. 0721-750734; 01552382405 drmrkarim@yahoo.com	21.00	6.00	9.00	6.00
67	SS20191205	<u>Status and Challenges of right to education of Hijras in Bangladesh</u>	Dr Zobaida Nasreen Department of Anthropology, Kalabhaban, Univ. of Dhaka, Dhaka-1000 01765461204 zobaidanasreen@gmail.com Co-investigators Information Ms Tahmina Hoq Assistant Professor Institute of Education and Research (IER), University of Dhaka. University of Dhaka 01735-721107 tahmina.hoq@du.ac.bd	20.00	6.00	8.00	6.00

68	SD20191197	<u>Concentration and sources assessment of heavy metal in poultry animals: Their removal by natural feed.</u>	<p>Prof Dr. Muhammed Yusuf Miah Department of Applied Chemistry and Chemical Engineering, Noakhali Science and Technology University, Sonapur-3814, Noakhali, +8801742710338 yuri19742003@yahoo.com</p> <p>Co-investigators Information</p> <p>Mr Shujit Chandra Paul Assistant Professor Department of Applied Chemistry and Chemical Engineering, Noakhali Science and Technology University, Sonapur-3814, Noakhali, Bangladesh. +8801766318448 shujitchandrapaul@gmail.com</p>	21.00	6.00	9.00	6.00
69	LS20191195	<u>Analysis of genetic diversity of Magnaportheoriza causing rice blast disease in haor areas of Bangladesh and its bio-control with plant growth promoting endophytic microorganisms</u>	<p>Prof Dr. Muhammed Ali Hossain Department of Plant Pathology, Bangladesh Agricultural University (BAU), Mymensingh-2202 +8801737412881 alihossain.bau@gmail.com</p> <p>Co-investigators Information</p> <p>Prof Dr. Md. Amir Hossain Department of Plant Breeding, BAU, Mymensingh-2202. +8801743747508 amir04@gmail.com</p>	21.00	6.00	9.00	6.00
70	LS20191193	<u>Exploration of new sources of tolerance to submergence of coastal rice landraces through phenotyping and DNA fingerprinting</u>	<p>Dr GopalSaha Associate professor, Department. of Agronomy, PSTU Patuakhali Science and Technology University +8801712876773 saha.18@gmail.com; gopalagr@pstu.ac.bd</p> <p>Co-investigators Information</p> <p>Dr Md. Zahid Hassan Patuakhali Science and Technology University Associate professor, Department of Agronomy</p>	21.00	6.00	9.00	6.00

			+8801714116460 zhassan.pstu@gmail.com				
71	LS20211531	Metagenomic analysis of SARS CoV2 and other Respiratory agents and Immune Response to Covid-19 Recovered and Vaccinated population	Prof Mahmuda Yasmin Department of Microbiology, Dhaka University, Dhaka-1000 +8801552382613 yasmin@du.ac.bd Co-investigators Information Pror. Dr Manindra Nath Roy United Hospital Plot 15, Road 71, Gulshan, Dhaka 01817562606 rd_mnr60@yahoo.com	21.00	6.00	9.00	6.00
72	PS20201511	Novel Fluorene-Thiazole-Schiffbase Derivatives: Synthesis, Antimicrobial, Antioxidant Activity and Computational Study	Dr Md. Aminul Haque Chemistry Department, Jagannath University, Dhaka-1100 01711287600 amin2k12@chem.jnu.ac.bd Co-investigators Information Dr Gulshan Ara Chemistry Department, Jagannath University, Dhaka-1100 01978252113 gulshanara88@yahoo.com	21.00	6.00	9.00	6.00
73	PS20201507	A Novel Technique of Ultrasensitive Magnetic Immunoassay Using Magnetic Nano Particles for Biomedical Applications	Dr Md. Anwarul Kabir Bhuiya Professor, Department of Materials Science and Engineering, University of Rajshahi, Rajshahi 6205, +8801647800650 mkabir@ru.ac.bd Co-investigators Information Mr Md. Shahnewaz Parvez Assistant Professor, Department of Materials Science and Engineering, University of Rajshahi, Rajshahi 6205, +8801716509937 msp_mse@ru.ac.bd	21.00	6.00	9.00	6.00
74	SD20201476	Catalysing action toward the Sustainability of Coastal Social-Ecological Systems with Climate-Resilient	Prof Dr. Ranjan Roy Department of Agricultural Extension & Information System Sher- E- Bangla Agricultural University +8801716-186047 ranjan@sau.edu.bd	19.46	5.56	8.34	5.56

		Development Pathways	<p>Co-investigators Information Mr Md. Shariful Islam Asst. Professor Sher- E- Bangla Agricultural University Department of Agroforestry and Environmental Science +880-1710-592268 sharifulsbh@gmail.com</p>				
75	SD20201453	An Ethnographic Study on Entrepreneurial Skills for Disabled Community in Bangladesh	<p>Prof Dr. Sumon Das Department of Management, Faculty of Business Studies, University of Dhaka 01717044316 samiulhoque63@yahoo.com</p> <p>Co-investigators Information Ms Nafiza Islam Department of Management Studies, Jahangirnagar University 01912027635 niislam@juniv.edu</p>	21.00	6.00	9.00	6.00
76	LS20191225	Study on Reproductive performance of Ostrich at hot-humid climatic condition of Bangladesh	<p>Mr. Md. Kamruzzaman Department of Dairy and Poultry Science, Hajee Mohammad Danesh Science and Technology University, HSTU, Dinajpur-5200 01774731456 mkamhstu2019@gmail.com</p> <p>Co-investigator: Ms Khadija Al Ferdous Assistant Professor Hajee Mohammad Danesh Science and Technology University Department of Anatomy and Histology, HSTU, Dinajpur-01723226256 asn2018@hstu.ac.bd</p>	21.00	6.00	9.00	6.00
77	LS20191223	E.albertii in chicken meat: a probable source of human infection in Bangladesh	<p>Dr Jayedul Hassan Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensing-2202, 01837580658 dr_jahid@bau.edu.bd</p> <p>Co-investigator:</p>	20.60	5.90	8.80	5.90

			Dr. Saifur Rahman Assistant Professor Bangladesh Agricultural University Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh-2202, Bangladesh +8801710593351 saifurrahman2107@gmail.com				
78	LS20191042	Development of environment friendly adhesive and its application to wood based products	Dr Md. Ashaduzzaman Professor, Forestry and Wood Technology Discipline, Khulna University, Khulna -9208 Khulna University, 01711305972 a_zaman24@yahoo.com Co-investigators Information Dr Shaikh Jamal Uddin Khulna University Professor, Pharmacy Discipline, Khulna University, Khulna -9208 01711337375 uddinsj@yahoo.com	15.00	5.00	5.50	4.50
79	LS2019888	Development of meat type crossbred using Boer and Black Bengal goat	Prof MD RUHUL AMIN Dept. of Animal Breeding and Genetics, Bangladesh Agricultural University Mymensingh, 01701765052 ruhulaminbau1961@gmail.com ; ruhulamin@bau.edu.bd Co-investigators Information Prof Mohammad Shamsul Alam Bhuiyan Dept. of Animal Breeding and Genetics, Bangladesh Agricultural University (091)67401-6/66117 msabhuiyan@gmail.com	21.00	6.00	9.00	6.00
80	LS2018833	Effect of slow breathing exercise on cardiac autonomic nerve function in transfusion dependent Thalassemic	Prof Sultana Ferdousi Department of Physiology, Block B Basic science building ,Bangabandhu sheikh Mujib Medical University,Shahbag, Dhaka. 01819707160	14.00	4.00	6.00	4.00

		patients.	sferdousiratna@gmail.com; sferdousiratna@bsmmu.edu.bd Co-investigators Information Dr Shamima Sultana Department of Physiology, Block B Basic science building ,Bangabandhu sheikh Mujib Medical University,Shahbag, Dhaka, 01711177678 shamima972@yahoo.com				
81	LS2019941	<u>Surface display of phytase in the yeast cell wall and its application in animal feed as enzyme supplement</u>	Dr Sk Amir Hossain Biotechnology and Genetic Engineering Discipline, Khulna University, Khulna-01998902264 isti_99@yahoo.com Co-investigators Information Dr Sheikh Julfikar Hossain Biotechnology and Genetic Engineering Discipline, Khulna University, Khulna-01732719172 sjhossainbgeku@gmail.com	20.00	6.00	8.00	6.00
82	PS2019930		Prof Dr. Mohammad Helal Uddin Professor, Dept. of Applied Chemistry and Chemical Engineering (ACCE), University of Chittagong (CU), Chittagong 4331 Mobile: +88-01819801332 mhuddincu@yahoo.com Co-investigators Information Dr. Suman Barua Asstt. Prof., Dept. of Applied Chemistry and Chemical Engineering (ACCE), (CU), Chittagong, 01777388800 suman.barua.aec@gmail.com	16.00	5.00	6.00	5.00
Total				1633.58	468.56	697.07	467.94

