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তারিখঃ ২২ কার্তিক ১৪২৪  
০৬ নভেম্বর ২০১৭

“বিজ্ঞপ্তি”

বিষয়: ২০১৭-২০১৮ অর্থ বছরে বিজ্ঞান ও প্রযুক্তি মন্ত্রণালয়ের "বিজ্ঞান ও প্রযুক্তি কর্মসূচি" খাত হতে বিশেষ অনুদানের জন্য নির্বাচিত নিম্নলিখিত প্রকল্পের প্রকল্প পরিচালকগণের অনুকূলে ১ম ও ২য় কিস্তির জিও জারী করা হয়েছে।

Biological Science Group

Bangladesh Agricultural University, Mymensingh

SL. No.	Gr. SL.	Name of the Principal Investigator & Associate Investigator	Address of the Principle Investigator	Project Title	Recommended Grant Amount (Emount in Lakh)
1.	10 BS	Dr. Swapan Kumar Paul Associate Professor Professor Dr. Md. Abdur Rahman Sarkar	Department of Agronomy, Bangladesh Agricultural University, Mymensingh	Improvement of yield and quality of baby corn and green fodder from the same crop of maize through management practices	3.0 Lac
2.	13 BS	Professor Dr. Mohammad Jiaul Hoque Mr. Debashish Sarker Dev Assistant Professor	Department of Agricultural Extension Education, Bangladesh Agricultural University, Mymensingh	Farmers' Attitude towards Yield Gaps in Rice at Farmers' Field Level	3.5 Lac
3.	15 BS	Dr. Mohammad Aatur Rahman Associate Professor Md. Sayeed Iftekhar Yousuf Assistant Professor	Dept. of Agricultural Finance, Bangladesh Agricultural University, Mymensingh	Conservation Agriculture and Household Food Security: A Study of Smallholder Farmers of Char Area in Bangladesh	3.5 Lac
4.	59 BS	Professor Dr. Md. Golam Farouque M. Mojammel Haque	Department of Agricultural Extension Education, Bangladesh Agricultural University, Mymensingh	Has One House One Farm Approach Improved the Livelihoods of Smallholder Farmers? An Empirical Study	3.0 Lac
5.	61 BS	Professor Dr. S. M. Lutful Kabir Jannatul Ferdous Lecturer	Department of Microbiology and Hygiene, Bangladesh Agricultural University Mymensingh	An epidemiological investigation of Campylobacter in ducks and duck eggs at Mymensingh with particular focus on antimicrobial resistance	3.0 Lac
6.	106 BS	Professor Dr. Md. Rezaul Karim Dr. Md. Obaidur Rahman Deputy Chief Farm Superintendent	Department of Horticulture, Bangladesh Agricultural University (BAU), Mymensingh	Upscaling of Summer Onion Production through Improved Management Practices	3.0 Lac
7.	115 BS	Professor Md. Abul Hashem, PhD Professor Dr. Mohammad Mujaffar Hossain	Department of Animal Science, Bangladesh Agricultural University, Mymensingh	Formulation of value added beef meatballs using tulsi (Ocimum sanctum) leaf extract as a source of natural antioxidant	3.0 Lac
8.	144 BS	Professor Md. Sazzad Hossain Zannatul Ferdous Assistant Professor	Department of Aquaculture, Faculty of Fisheries, Bangladesh Agricultural University (BAU), Mymensingh	Dietary vitamin E interact to influence growth performance and survivality of Labeo rohita and Catla catla	3.5 Lac

9.	160 BS	Dr. Md. Sabibul Haque Associate Professor Md. Abdur Razzak Lecturer	Department of Crop Botany, Bangladesh Agricultural University (BAU), Mymensingh	Independent and combined effect of heat and drought stress on chlorophyll fluorescence, photosynthesis, pollen viability and antioxidant activities in wheat	2.5 Lac
10.	294 BS	Dr. Mohammad Mohi Uddin Assistant Professor Dr. Md. Salauddin Palash Associate professor	Department of Animal Nutrition, Bangladesh Agricultural University, Mymensingh	Marketing efficiency analysis: A case of milk marketing in major milk shed area in Bangladesh	3.0 Lac
11.	295 BS	professor Dr. Khan Md. Shaiful Islam professor Dr. Musabbir Ahammed	Department of Animal Nutrition, Bangladesh Agricultural University, Mymensingh	Dietary supplementation of algae to enrich quality of chicken egg	4.0 Lac
12.	296 BS	Professor Dr Md Azharul Hoque Shuvra Debnath Assistant Professor	Department of Animal Breeding and Genetics, Bangladesh Agricultural University, Mymensingh	Evaluation of nutritional status of Brahman crossbreds in a farmers participatory beef breeding program	4.0 Lac
13.	300 BS	Professor Dr. Md. Tanvir Rahman Dr. Amrita Pongit Lecturer	Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh	Prevalence and molecular detection of methicillin- resistant Staphylococcus aureus (MRSA) from dogs, cats and ornamental birds in Dhaka city	3.5 Lac
14.	301 BS	Dr. A. K. Shakur Ahammad Associate Professor Professor Dr. Nahid Sultana Lucky	Department of Fisheries Biology and Genetics, Faculty of Fisheries, Bangladesh Agricultural University, Mymensingh	Evaluation of growth of Bhagna, Labeo ariza (Hamilton, 1822) using commercially available probiotics in Bangladesh implicated for muscle development	2.5 Lac
15.	303 BS	Dr. Md. Shafiqul Islam Associate Professor Professor Dr. Mst. MinaraKhatun	Department of Microbiology and Hygiene, Faculty of Veterinary Science, Bangladesh Agricultural University (BAU), Mymensingh	Effect of ph on the motility and virulence of e. Coliisolated from chickens	2.5 Lac
16.	328 BS	Professor Dr. Fakir Azmal Huda Riffat Ara Zannat Tama Assistant Professor	Department of Agricultural Economics, Bangladesh Agricultural University, Mymensingh	On-Farm Development Effects of Stress Tolerant Varieties by Agricultural Research Institutes for Climate Change Adaptation in Coastal Region of Bangladesh	3.0 Lac
17.	329 BS	Professor Dr. Md. Shahiduzzaman Md. Shahadat Hossain Assistant Professor	Department of Parasitology, Bangladesh Agricultural University, Mymensingh	Molecular characterization of Toxoplasma in livestock in Bangladesh	2.5 Lac
18.	330 BS	Professor Dr. Md. MizanurRahman Dr. Md. Mansorol Haq Veterinary Surgeon	Department of Surgery & Obstetrics, Bangladesh Agricultural University, Mymensingh	Analysis of Synovial Fluid for Early Diagnosis of Arthritis in Goat	3.0 Lac
19.	331 BS	Dr. Auvijit Saha Apu Associate Professor Shuvra Debnath Assistant Professor	Department of Animal Breeding and Genetics, Bangladesh Agricultural University, Mymensingh	A Holistic Approach for the Improvement of Muscle Growth and Meat Production through Crossbreeding of Black Bengal with the Boer Goat for the Food Security of Bangladesh	4.0 Lac
20.	336 BS	Mashrufah Khatun Assistant Professor Professor Md.Rais Uddin Mian	Department of Agricultural Finance, Bangladesh Agricultural University, Mymensingh	Study on Socioeconomic Condition, Risk and Uncertainty of Crop Production and Adaptation	3.0 Lac

				Strategy of Haor Community in Bangladesh	
21.	338 BS	Professor Dr. Mohammad Saidur Rahman Mrs. Flora Begum Assistant Professor	Department of Agricultural Economics, Bangladesh Agricultural University, Mymensingh	Economics of Banning Hilsa Fishing and Its Impact on the Fishermen's Income in some Selected Areas of Bangladesh	4.0 Lac
22.	339 BS	Dr. Md. Shohidul Alam Associate Professor Mr. Md. Asaduzzaman Assistant Professor	Department of Agricultural Chemistry, Bangladesh Agricultural University, Mymensingh	Formulation of Cheap and Safer Botanical Pesticides and Study their Impacts on Smallscale Vegetable Farming in Bangladesh	2.5 Lac
23.	342 BS	Professor Dr Zoarder Faruque Ahmed Professor Dr. Mst. Kaniz Fatema	Department of Fisheries Management, Bangladesh Agricultural University, Mymensingh	Stock assessment of pama croaker otolithoides pama in the Bay of Bengal and recommendations for its sustainable management in Bangladesh	2.5 Lac
24.	347 BS	Professor Dr. Sadika Haque Arifa Jannat Lecturer	Department of Agricultural Economics, Bangladesh Agricultural University, Mymensingh	Food adulteration in Bangladesh: Sustainability aspects and policy options	2.5 Lac
25.	348 BS	Dr. Md. Hamidul Islam Associate Professor Mr. Rajesh Nandi Assistant Professor	Department of Farm Power and Machinery, Bangladesh Agricultural University, Mymensingh	Development of a opto-electronic based seed/ seedling counter for rapid monitoring of planter seed dropping	2.5 Lac
26.	349 BS	Professor Dr. Shubash Chandra Das Professor Dr. Md. Abu Hadi Noor Ali Khan	Department of Poultry Science, Bangladesh Agricultural University, Mymensingh	Rapid molecular sexing of turkey poult at early age using polymerase chain reaction	3.5 Lac
27.	350 BS	Dr. Md. Harun Ar Rashid Associate Professor Md. Rasel Lecturer	Department of Horticulture, Bangladesh Agricultural University, Mymensingh	Molecular characterisation of bulb formation and nutritional quality of local onion cultivars in Bangladesh	3.5 Lac
28.	351 BS	Dr. Mohammed Nooruzzaman Assistant Professor Professor Dr. Emdadul Haque	Department of Pathology, Bangladesh Agricultural University, Mymensingh	Microbial contaminants in vegetable originated from farms using untreated poultry waste	2.5 Lac
29.	352 BS	Professor Dr. Md. Zakir Hossen Mr. Sheikh Mohammad Sayem Assistant Professor	Department of Agricultural Chemistry, Bangladesh Agricultural University, Mymensingh	Human health risk from heavy metals through consumption of common fishes of Brahmaputra river, Bangladesh	3.0 Lac
30.	354 BS	Professor Dr. Md. Harun-ur-Rashid Professor Dr. A. wadud	Department of Dairy Science, Bangladesh Agricultural University, Mymensingh	Utilization of whey for fermented beverages	4.0 Lac
31.	361 BS	Professor Dr. Mohammad Mahir Uddin Professor Dr. Masum Ahmad	Department of Entomology, Bangladesh Agricultural University (BAU), Mymensingh	Biorational Insecticides based IPM Packages for the Management of Brinjal Shoot and Fruit Borer, Leucinodes orbonalis Guenee	3.0 Lac
32.	363 BS	Professor Dr. M. A. M. Yahia Khandoker Professor Dr. Syed Sakhawat Husain	Department of Animal Breeding and Genetics, Bangladesh Agricultural University (BAU), Mymensingh	Evaluation of bovine ovaries and follicles by histological and immunohistochemical study intended for in vitro production of embryos	4.5 Lac
33.	365 BS	Professor Dr. Md. Alamgir Hossain-2 Professor Dr. Md. Nesar Uddin	Department of Crop Botany, Bangladesh Agricultural University (BAU), Mymensingh	Screening of maize genotypes for drought tolerance based on physio-biochemical traits	3.0 Lac
34.	367 BS	Dr. Abu Hayat Md. Saiful Islam Associate Professor A. K. M. Abdullah Al-Amin Assistant Professor	Department of Agricultural Economics, Bangladesh Agricultural University (BAU), Mymensingh	Bt (Bacillus thuringiensis) Eggplant and Pesticide Use in Bangladesh: Economic and Environmental Effects	2.5 Lac
35.	368	Professor Dr. Md. Ferdous	Department of Horticulture,	Optimization, dissemination	2.5 Lac

	BS	Mondal Md. Atik Us Saieed Assistant Professor	Bangladesh Agricultural University (BAU), Mymensingh	and demonstration of potato storage technology in the same potato field	
36.	369 BS	Professor Dr. Fowzia Sultana Most. Shamsia Kowsari Lecturer	Department of Poultry Science, Bangladesh Agricultural University (BAU), Mymensingh	Effects on marigold leaves for egg yolks and healthy birds	3.0 Lac
37.	379 BS	Professor Dr. A.K.M. Golam Sarwar Ms. Jannat-E-Tajkia Lecturer	Department of Crop Botany, Bangladesh Agricultural University, Mymensingh	Screening of low temperature tolerant rice cultivars for food security in Haor Agriculture	3.0 Lac
38.	380 BS	Professor Dr. Md. Abdul Alim Professor Dr. Md. Mokhlesur Rahman	Department of Food Technology and Rural Industries, Bangladesh Agricultural University, Mymensingh	Production of biodiesel from burnt cooking oil using different catalysts	3.0 Lac
39.	381 BS	Professor Dr. Md. Taj Uddin Professor Dr. Md. Abul Mansur	Department of Agricultural Economics, Bangladesh Agricultural University, Mymensingh	Hydroponic Fodder Production in Bangladesh: Prospects and Challenges	3.0 Lac
40.	382 BS	Professor Dr. Md. Mahmudul Alam Professor Dr. Marzia Rahman	Department of Surgery & Obstetrics, Bangladesh Agricultural University (BAU), Mymensingh	Influences of general anaesthesia with barbiturates on pro-inflammatory cytokines in dogs	3.0 Lac
41.	383 BS	Professor Dr. Md. Abdus Salam Mst. Arjina Akter Lecturer	Department of Agronomy, Bangladesh Agricultural University (BAU), Mymensingh	Integration of rice allelopathy in weed management for sustainable crop production to attain food security	2.5 Lac
42.	384 BS	Professor Dr. Mahfuza Begum Fahmida Akter Lecturer	Department of Agronomy, Bangladesh Agricultural University, Mymensingh	Weed dynamics as influenced by tillage system and weeding regime in rice- rice cropping pattern	2.5Lac
43.	385 BS	Professor Dr. Mohammad Al- Mamun Md. Badruzzaman Sarker Assistant Professor	Department of Animal Nutrition, Bangladesh Agricultural University, Mymensingh	Potentials of herbs to modulate plasma metabolites in Bangladeshi Garole sheep fed TMR pellet diet	3.0 Lac
44.	387 BS	Professor Dr. Syed Md. Ehsanur Rahman Hasan Mohammad Murshed Assistant Professor	Department of Animal Science, Bangladesh Agricultural University, Mymensingh	Study on meat quality of native sheep raised in organic and conventional production system	2.5Lac
45.	388 BS	Dr. Mohammed Abul Monjur Khan Toma Deb Nath Assistant Professor	Department of Entomology, Bangladesh Agricultural University, Mymensingh	Bio-intensive integrated pest management (IPM) approaches against Papaya mealybug	2.5Lac
46.	392 BS	Professor Dr. Md. Rafiqul Alam Moinul Hasan Lecturer	Department of Surgery & Obstetrics, Bangladesh Agricultural University (BAU), Mymensingh	Therapeutic and Surgical Management of Bloat in Goats	4.0 Lac
47.	396 BS	Dr. G. H. M. Sagor Associate Professor Sharif-Ar-Raffi Associate Professor	Department of Genetics and Plant Breeding, Bangladesh Agricultural University, Mymensingh	Preliminary assessment of resistance among Bangladesh wheat cultivars to the Magnaporthe oryzaepathotype Triticum (MoT)	2.5 Lac
48.	397 BS	Professor Dr. Lutful Hassan Professor Md. Abdul Quddus	Department of Genetics & Plant Breeding, Bangladesh Agricultural University, Mymensingh	Establishment of seed chain system of climate smart rice varieties for rural Bangladesh	3.5 Lac
49.	399 BS	Professor Dr. Gopal Das Mst. Rokeya Khatun Lecturer	Department of Entomology Bangladesh Agricultural University, Mymensingh	Evaluation of field efficacy of some bacterial fermented derivatives (BFD) against tomato fruit borer, Helicoverpa armigera (Hubner)	2.5 Lac

50.	400 BS	Dr. F M Jamil Uddin Assistant Professor Shubroto Kumar Sarkar Lecturer	Department of Agronomy, Bangladesh Agricultural University (BAU), Mymensingh	Optimization of N and P levels for growth and yield performance of French Bean	2.5 Lac
51.	401 BS	Professor Dr. Md. Ashraful Haque Dr. Aleya Ferdausi Assistant Professor	Department of Genetics & Plant Breeding, Bangladesh Agricultural University, Mymensingh	Molecular Breeding for high quality protein in maize ensuring nutritional security	3.0 Lac
52.	402 BS	Dr. Md. Rashedur Rahman Associate Professor Professor Dr. Md. Abdul Kader	Department of Agronomy, Bangladesh Agricultural University, Mymensingh	Feasibility study of hilly black rice cultivation in plain land ecosystem	2.5 Lac
53.	403 BS	Professor Dr. Md. Romij Uddin Dr. Nazia Tabassum Associate Professor	Department of Agronomy, Bangladesh Agricultural University, Mymensingh	Herbicidal activity of aqueous extract of sorghum and mustard residues	2.5 Lac
54.	404 BS	Professor Dr. Mohammad Rafiqul Islam Dr. Marya Afrin Assistant Professor	Department of Anatomy and Histology, Bangladesh Agricultural University, Mymensingh	Potency of Vitamin E and Coriandrum sativum (Coriander) Extract on Testicular Tissues of Mice Exposed to Lead Intoxication	2.5 Lac
55.	406 BS	Dr. A K M Mominul Islam Associate Professor Professor Dr. Md. Anwarul Abedin	Department of Agronomy, Bangladesh Agricultural University, Mymensingh	Allelopathy of oil-enriched plants: a potential tool in the development of strategies for biorational weed management	2.5 Lac
56.	407 BS	Mohammad Kamrul Hasan Associate Professor Sakil Mahmud Lecturer	Department of Agroforestry, Bangladesh Agricultural University, Mymensingh	Effects of human disturbances on forest structure and soils in the Madhupur Sal forest of Bangladesh	2.5 Lac
57.	409 BS	Professor Dr. Md. Hasanuzzaman Talukder Sharmin Shahid Labony Assistant Professor	Department of Parasitology, Bangladesh Agricultural University, Mymensingh	Investigation on the tapeworm infections in food animals associated with zoonoses and food-safety	3.0 Lac
58.	419 BS	Dr. Nasrin Sultana Assistant Professor Tanjina Amin Assistant Professor	Department of Anatomy and Histology, Bangladesh Agricultural University, Mymensingh	Plastination : Preservation of anatomical specimens by an innovative method	3.0 Lac
59.	423 BS	Dr. Raihan Habib Associate Professor Abid Hasan Sarker Lecturer	Department of Dairy Science, Faculty of Animal Husbandry, Bangladesh Agricultural University, Mymensingh	Standardization of Technology for Making Cottage Cheese from Low- fat Milk Using Microbial Rennet	3.0 Lac
60.	425 BS	Dr. Mohammed Nasir Uddin Associate Professor Professor Dr. Md. Abdul Momen Miah	Department of Agricultural Extension Education, Bangladesh Agricultural University, Mymensingh	Capacity Building of Haor People in Coping with Flood	2.5 Lac
61.	426 BS	Professor Dr. Md. Mokter Hossain Professor Dr. Tamanna Haque	Department of Horticulture, Bangladesh Agricultural University, Mymensingh	Screening of high yielding and high curcumin rich turmeric ( <i>Curcuma longa</i> L.) in Bangladesh	3.0 Lac
62.	427 BS	Dr. Md. Shahidur Rahman Associate Professor Professor Dr. Quazi Forhad Quadir	Department of Poultry Science, Bangladesh Agricultural University, Mymensingh	Responses of selective breeding in the Japanese quail mutations isolated at BAU to dietary selenium carry-over into meat and eggs	2.5 Lac
63.	429 BS	Dr. Tanvir Rahman Associate Professor Dr. Muhammad Mehedi Hasan Assistant Professor	Department of Aquaculture, Faculty of Fisheries, Bangladesh Agricultural University, Mymensingh	Investigation on the emerging hemorrhagic disease and biosecurity issues of farmed gangetic mystus, <i>Mystus cavasius</i>	2.5 Lac
64.	430 BS	Professor Dr. Mohammad Zahangir Alam Anita Rani Dey Assistant Professor	Department of Parasitology, Bangladesh Agricultural University, Mymensingh	Investigation on anthelmintic resistance to gastrointestinal nematodes in cattle farms of Mymensingh	3.0 Lac

65.	432 BS	Professor Dr. Md. Sadiqul Islam Professor Dr. Md. Samsul Alam	Department of Fisheries Biology & Genetics, Bangladesh Agricultural University, Mymensingh	Use of pollen of an androgenic herb, pine ( <i>Pinus massoniana</i> ) to produce monosex male <i>Tilapia</i> for the fish culturist	3.0 Lac
66.	433 BS	Professor Dr. Md. Alamgir Hossain-1 Mr. Md. Masudul Karim Assistant Professor	Department of Crop Botany, Bangladesh Agricultural University, Mymensingh	Development of farmer's friendly Chia seed production technology in Bangladesh for increasing dietary intake of omega-3 fatty acid	3.5 Lac
67.	436 BS	Professor Dr. Kazi Shahanara Ahmed Professor Dr. Masum Ahmad	Department of Entomology, Bangladesh Agricultural University, Mymensingh	Eco-friendly management of maize aphid, <i>Rhopalosiphum maidis</i> through monitoring, planting alternate host, using natural enemy & botanicals to keep up food security	3.0 Lac
68.	438 BS	Professor Dr. Mohammad Moniruzzaman Professor Dr. Md. Ruhul Amin	Department of Animal Science, Bangladesh Agricultural University, Mymensingh	In vitro fertilization of vitrified buffalo oocytes	4.0 Lac
69.	441 BS	Dr. Md. Azharul Islam Associate Professor Md. Nuruzzaman Assistant Professor	Department of Environmental Science, Bangladesh Agricultural University, Mymensingh	Contamination of heavy metals in water, sediments and fish is a consequence of paddy cultivation: focusing river pollution in Bangladesh	3.0 Lac
70.	446 BS	Dr. Sabina Yeasmin Associate Professor Dr. Tahsina Sharmin Hoque Associate Professor	Department of Agronomy, Bangladesh Agricultural University, Mymensingh	Impact of Land Use and Cropping Pattern on Carbon Sequestration Potential in Soils of Agroecological Zone-9 of Bangladesh	2.5 Lac
71.	448 BS	Professor Dr. Md. Amir Hossain Upama Mondal Assistant Professor	Department of Genetics and Plant Breeding, Bangladesh Agricultural University, Mymensingh	Morpho-physiological and biochemical characterizations of yield and quality traits of lentil germplasm under drought stress	3.0 Lac
72.	449 BS	Professor Dr. Md. Nurul Islam Md. Abid Hasan Sarker Lecturer	Department of Dairy Science, Bangladesh Agricultural University, Mymensingh	Quality enhancement of soymilk based indigenous dairy products. Part 1 Effects of milk coagulants and binding agents on quality of rasogolla and rasmalai	3.0 Lac
73.	452 BS	Professor Dr. AKM Zakir Hossain Ashaduzzaman Sagar Lecturer	Department of Crop Botany, Bangladesh Agricultural University, Mymensingh	Screening and evaluation of rice germplasms for increased salinity tolerance	4.0 Lac
74.	453 BS	Professor Dr. Muhammad Aslam Ali Professor Dr. Mahmud Hossain Sumon	Department of Environmental Science, Bangladesh Agricultural University, Mymensingh	Effects of soil amendments and phytoremediation on heavy metals concentrations in soil, uptake by rice plants and methane emissions from the degraded soils adjacent to the industrial areas of Mymensingh and Gazipur districts	3.0 Lac
75.	455 BS	Professor Dr. S. D. Chowdhury Professor Dr. Md. Elias Hossain	Department of Poultry Science, Bangladesh Agricultural University, Mymensingh	Comparison of different acidifiers on growth performance, blood parameters and gut morphology of broiler	3.0 Lac
76.	457 BS	Dr. Md. Raihanul Islam Associate Professor Asif Abdullah Khan Lecturer	Department of Farm Structure and Environmental engineering, Bangladesh Agricultural University, Mymensingh	Usability of waste ceramic aggregates as grain drying yard construction material	3.0 Lac

77.	461 BS	Professor Zakir Hossain Mr. Jaionto Karmokar Lecturer	Department of Fisheries Biology and Genetics, Bangladesh Agricultural University, Mymensingh	Enhancement of Gonadal Maturation for Spontaneous Spawning of the Silurid Catfish, <i>Mystus cavasius</i> by using Polyunsaturated Fatty Acids in diet	3.0 Lac
78.	478 BS	Professor Dr. Md. Shahidur Rahman Khan Dr. Mohammad Ferdousur Rahman Khan Associate Professor	Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh	Investigation on the bacterial etiologial agents associated in respiratory diseases of cattle in selected areas of Bangladesh for the recommendation of suitable remedial measures	3.0 Lac
79.	483 BS 114 MEDI;S	Professor Dr. Shonkor Kumar Das Saifur Rahman Lecturer	Department of Anatomy and Histology, Bangladesh Agricultural University, Mymensingh	Herbal contraception in Swiss albino mice	3.0 Lac

### Bangladesh Institute of Nuclear Agriculture (BINA), Mymensingh

80.	155 BS	Dr. Md. Shahidul Islam Senior Scientific Officer Dr. Most. Sakina Khanam Senior Scientific Officer	Agronomy and Crop Physiology Division, Bangladesh Institute of Nuclear Agriculture, BAU Campus, Mymensingh	Improving the yield of salt tolerant rice genotypes/ varieties through silicon and gypsum application	3.0 Lac
81.	344 BS	Dr. Md. Harun-or-Rashid Senior Scientific Officer Dr. Ibrahim Khalil Senior Scientific Officer	Biotechnology Division, Bangladesh Institute of Nuclear Agriculture (BINA), BAU, Campus, Mymensingh	Isolation, Characterization, Evaluation and Genetic Diversity analysis of Probiotic Bacterial Strains for Controlling Wheat Blast	2.5 Lac

### Bangabandhu Sheikh Mujibur Rahman Agricultural University, Salna, Gazipur

82.	7 BS	Professor Dr. A. K. M. Azad Shah Md. Golam Rasul Assistant Professor	Department of Fisheries Technology, Faculty of Fisheries, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Salna, Gazipur	Effects of chitosan nanoparticles coating on chemical, microbiological and sensory properties of <i>Labeo rohita</i> fillets during frozen storage	3.0 Lac
83.	63 BS	Professor Dr. A. K. M. Aminul Islam Dr. Md. Ahiduzzaman Assistant Professor	Department of Genetics and Plant Breeding, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Breeding <i>Jatropha curcas</i> for higher seed and oil yield as a Renewable Source of Energy	3.0 Lac
84.	64 BS	Professor Dr. A.R.M. Solaiman Dr. Mohammad Saiful Alam Associate Professor	Department of Soil Science, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Development of eco-friendly biofertilizer using beneficial microorganisms for higher yield of wheat	2.5 Lac
85.	80 BS	Professor Dr. M. Moynul Haque Dr. M. Moshuiul Islam Associate Professor	Department of Agronomy, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Adaptability Trial of Promising Advanced Lines of Mungbean	2.5 Lac
86.	97 BS	Professor Dr. M. Abdul Karim Munny Akter Lecturer	Department of Agronomy, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Nutrient management for improving productivity of soybean genotypes under waterlogging conditions	3.0 Lac
87.	99 BS	Professor Dr. M. A. Mannan Md. Abdullah Al Mamun Assistant Professor	Department of Agronomy, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur	Evaluation of Foxtail Millet Germplasm for Salinity Tolerance	3.0 Lac
88.	113 BS	Professor Dr. Md. Khurshed Alam Bhuiyan	Department of Pathology, Bangabandhu Sheikh	Biological control of Soil- borne diseases of potato by	3.5 Lac

		Md. Tanbir Rubayet Assistant Professor	Mujibur Rahman Agricultural University, Gazipur	the application of Trichoderma fortified compost	
89.	136 BS	Dr. Muhammad Badruzzaman Associate Professor Hafij Al Kader Assistant Professor	Department of Biochemistry and Molecular Biology, Faculty of Agriculture, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur	How organic pesticide rotenone induced Parkinson's disease. A possible model at behavioral and neuronal level in goldfish, Carassius auratus	3.0 Lac
90.	226 BS	Professor Dr. Md. Mahburur Rahman Musrat Zahan Surovy Lecturer	Department of Biotechnology, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur	Identification of dponge associated bacteria of the saint martin's Island and their bioactive compounds inhibiting fish and shrimp	3.5 Lac
91.	250 BS	Dr. Emrul Kayesh Associate Professor Md. Shyduzzaman Roni Assistant Professor	Department of Horticulture, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Salna, Gazipur	A novel strategy employed in identification of loquat cultivars using rapd marker	3.5 Lac
92.	254 BS	Dr. Md. Robiul Karim Assistant Professor DR. Sm. Mostafizur Rahaman Sumon Lecturer	Department of Medicine, Faculty of Veterinary Medicine and Animal Science, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur	Molecular survey for bio- control agents, Wolbachia and phage WO in Aedes mosquitoes in Dhaka city	3.0 Lac
93.	256 BS	Dr. Totan Kumar Ghosh Associate Professor S. M. Zubair Al-Meraj Lecturer	Department of Crop Botany Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Salna, Gazipur	Evolutionary Role of Abscisic Acid in the Accumulation of Proline in Moss Physcomitrella patens	3.0 Lac
94.	258 BS	Dr. Ziban Chandra Das Assistant Professor Dr. Sattwikesh Paul Assistant Professor	Department of Gynecology, Obstetrics & Reproductive Health, Faculty of Veterinary Medicine and Animal Science, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur	Establishment, characterization and cryopreservation of bovine fibroblast cell line	4.0 Lac
95.	261 BS	Dr. Md. Mizanur Rahman Assistant Professor Dr. Md. Shahidul Assistant Professor	Department of Physiology and Pharmacology, Faculty of Veterinary Medicine and Animal Science, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur	Use of Spirulina as feed supplement to continue production of advanced aged layer chicken	2.5 Lac
96.	262 BS	Mohammed Mohi-Ud-Din Assistant Professor Professor Dr. Jalal Uddin Ahmed	Department of Crop Botany, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) Gazipur	Quest for drought tolerance inwheatusing physiological and molecular analysis	3.0 Lac
97.	279 BS	Dr. Habibur Rahman Associate Professor Professor Md. Ahsanul Haque Swapon	Department of Entomology, Faculty of Agriculture, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Monitoring of pesticide residues in honey samples collected from various floral origin and distribution in Bangladesh	2.5 Lac
98.	462 BS	Dr. Asif Reza Anik Assistant Professor Md. Abdus Salam Assistant Professor	Department of Agricultural Economics, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Salna, Gazipur	Climate Stress, Agricultural Production and Bangladeshi Farmers' Resilience Strategies	3.0 Lac
99.	467 BS	Dr. Mohammad Abdus Salam Assistant Professor Md. Shirajul Islam Sarkar Lecturer	Department of Genetics and Fish Breeding, Bangabandhu Sheikh MujiburRahman Agricultural University, Gazipur	Effects of yeast (Saccharomyces cerevisiae)based nutritional diets on growth, haematology and reproduction of silver barb (Barbonymus gonionotus, Bleeker, 1850)	2.5 Lac



100.	468 BS	Dr. Md. Arifur Rahman Khan Assistant Professor Erin Zaman Lecturer	Department of Agronomy, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur	Evaluation of yield and yield contributing characters of cowpea genotypes under different growth condition	3.0 Lac
101.	469 BS	Dr. Dinesh Chandra Shaha Assistant Professor Mr. Golam Mohammod Mostakim Assistant Professor	Department of Fisheries Management, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur	The potential of pen culture on fish production enhancement in the Balu River distributary, Gazipur	3.0 Lac

### Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur

102.	68 BS	Dr. M. Monirul Islam Senior Scientific Officer Dr. Kaoser-E-Jahan Senior Scientific Officer	Plant Pathology Division, Bangladesh Agricultural Research Institute (BARI) Joydebpur, Gazipur	Ex-situ Conservation of Plant Pathologically Important Endangered Medicinal Plants by Selecting the Best Stock through DNA Markers	3.0 Lac
103.	70 BS	Dr. Md. Mahbubur Rahman Scientific Officer Md. Rashedul Islam Scientific Officer	Regional Agricultural Research Station, Bangladesh Agricultural Research Institute, Rahmatpur, Barisal	Development of Integrated Management Package against Hog-Plum Beetle (Podontia 14-punctata) in Southern Region of Bangladesh	2.5 Lac
104.	71 BS	Dr. Md. Alimur Rahman Senior Scientific Officer Md. Jahedul Islam Scientific Officer	Regional Agricultural Research Station, Bangladesh Agricultural Research Institute, Rahmatpur, Barisal	Improvement of seedling raising technique for increasing the yield of hybrid maize in southern coastal area of Bangladesh	3.0 Lac
105.	159 BS	Dr. Md. Shahiduzzaman Principal Scientific Officer Shamim Ara Begum Senior Scientific Officer	On-Farm Research Division, Bangladesh Agricultural Research Institute (BARI), Gazipur	Study on Performance of high yielding groundnut varieties and seed production at the char land areas of Mymensingh through farmer's participatory approach	3.0 Lac
106.	171 BS	Dr. Md. Manjurul Kadir Principal Scientific Officer Mukaddasul Islam Riad Scientific Officer	Bangladesh Agricultural Research Institute (BARI), Regional Agricultural Research Station, Jamalpur	Selection of Early Mature Groundnut Variety for the Char Area of Brahmaputra River in Jamalpur	3.0 Lac
107.	264 BS	Dr. Bimal Chandra Kundu Principal Scientific Officer Sauda Naznin Scientific Officer	Tuber Crops Research Center, Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur	Development of production package of export potato for sustained the potato production and food security in Bangladesh	3.0 Lac
108.	276 BS	Dr. Dilwar Ahmed Choudhury Principal Scientific Officer Dr. Mohammad Quamrul Islam Matin Scientific Officer	Bangladesh Agricultural Research Institute (BARI), On-Farm Research Division, Manikganj	Enhancement of Mustard Production in Manikganj through Introduction of New Variety and Improved Management Practices	2.5 Lac
109.	304 BS	Dr. Md. Abdul Goffar Senior Scientific Officer Tuhina Hasan Scientific Officer	Olericulture Division, Horticulture Research Center, Bangladesh Agricultural Research Institute (BARI), Gazipur	Development of cherry tomato (solanum lycopersicum) varieties and Production packages	3.0 Lac
110.	308 BS	Dr. Md. Mostafizur Rahman Talukder Principal Scientific Officer Anjan Kumar Das Scientific Officer	Regional Horticulture Research Station, Bangladesh Agricultural Research Institute Lebukhali, Dumki, Patuakhali	Adaptive research to introduce bari developed new varieties and technologies on horticultural crop in southern region of bangladesh	3.0 Lac
111.	310 BS	Kh. HabiburAlam Senior Scientific Officer Dr. Md. Alim Uddin Principle Scientific Officer	Fruit Research Station, Bangladesh Agricultural Research Institute (BARI), Binodpur, Rajshahi	Black disease on mango in Bangladesh, an emerging threat, identification of its causal agent and improvement the management practices	3.0 Lac
112.	311 BS	Dr. Md. Motiar Rohman Senior Scientific Officer	Plant Breeding Division and Plant Genetic Resources	Evaluation of salt tolerant mungbean genotypes	3.0 Lac

		Iftekhar Ahmed Scientific Officer	Centre, Bangladesh Agricultural Research Institute, Joydebpur, Gazipur	through physiological and bio-molecular approaches	
113.	312 BS	Dr. Md. AtaurRahman Principal Scientific Officer Dr. Md. Abdul Khaleque Chief Scientific Officer	Regional Wheat Research Centre, Bangladesh Agricultural Research Institute, Joydebpur, Gazipur	Introduction of Maize in Rice-Wheat Cropping System with Conservation Practices for Climate Resilience Improved Productivity	3.0 Lac
114.	313 BS	Dr. A.K.M. Ziaur Rahman Principal Scientific Officer Dr. Debasish Sarker Principal Scientific Officer	Entomology Division, Bangladesh Agricultural Research Institute, Joydebpur, Gazipur	Development and validation of Integrated Pest Management package(s) against major insect pests of stored grain	3.0 Lac
115.	314 BS	Dr. Kabita Anzu-Man-Ara Principal Scientific Officer Dr. S. M. Sharifuzzaman Principal Scientific Officer	Floriculture Division, Horticulture Research Center, Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur	Characterization, Prolongation and Value addition of Dendrobium hybrid Orchids	3.5 Lac
116.	343 BS	Dr. Md. Masud Alam Senior Scientific Officer Dr. Md. Kalim Uddin Chief Scientific Officer	Spices Research Center, Bangladesh Agricultural Research Institute, Shibganj, Bogra	Formulation of dehydrated green chilli and its post dehydration physico-chemical studies	3.0 Lac
117.	356 BS	Gazi Nazmul Hasan Scientific Officer Md. Mainul Islam Scientific Officer	On-Farm Research Division, Bangladesh Agricultural Research Institute, Patuakhali	Adaptation of Maize Seedling Transplantation in Coastal Saline Areas of Bangladesh	3.0 Lac
118.	358 BS	Dr. Md. Shamim Akhter Scientific Officer Md. Hasan Walliullah Scientific Officer	Fruit Research Station, Bangladesh Agricultural Research Institute (BARI), Binodpur, Rajshahi	Molecular and biological characterization of watermelon bud necrosis virus and its interaction on different watermelon genotypes	3.5 Lac
119.	359 BS	Dr. Md. Iqbal Faruk Senior Scientific Officer Dr. Md. Monirul Islam Senior Scientific Officer	Plant Pathology Division, Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur	Development of integrated management technology of root knot nematode of vegetable crops	3.0 Lac

#### Bangladesh Rice Research Institute (BRRI), Gazipur

120.	493 BS 67 Phy's	Dr. Mohammad Ashik Iqbal Khan Senior Scientific Officer Niaz Md. Farhat Rahman Senior Scientific Officer	Plant Pathology Division, Bangladesh Rice Research Institute (BRRI), Gazipur	Diagnoses of physical environment and pathogen biology responsible for rice blast disease outbreak in Bangladesh and build up awareness to the stakeholders	3.0 Lac
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#### Sher-e-Bangla Agricultural University (SAU), Sher-e-Bangla Nagar, Dhaka

121.	153 BS	Professor Dr. Alok Kumar Paul Saima Sultana Assistant Professor	Department of Soil Science, Sher-e-Bangla Agricultural University (SAU), Sher-e- Bangla Nagar, Dhaka	Effect of biochar on yield and quality of Potato tuber	3.0 Lac
122.	154 BS	Professor Dr. Md. Abdur Razzaque Dr. Sheikh Shawkat Zamil Associate Professor	Department of Agricultural Chemistry, Sher-e-Bangla Agricultural University (SAU), Dhaka	Mitigation of Arsenic Stress in Rice with Cowdung and Inorganic Fertilizers	3.0 Lac
123.	268 BS	Professor Dr. Md. Nazrul Islam Professor Dr. Md. Jahedur Rahman	Department of Horticulture, Sher-e-Bangla Agricultural University (SAU), Sher-e- BanglaNagar, Dhaka	Food and nutritional security through vegetable production and the food safety issue	3.5 Lac
124.	271 BS	Professor Dr. Parimal Kanti Biswas Marjana Yeasmin Assistant Professor	Department of Agronomy, Sher-e-Bangla Agricultural University (SAU), Sher-e- BanglaNagar, Dhaka	Screening of long grain aromatic transplant aram rice for release as variety	3.0 Lac
125.	272 BS	Professor Dr. Jamilur Rahman Md. Arif Hussain Assistant Professor	Department of Genetics and Plant Breeding, Sher-e- Bangla Agricultural	Genetic Evolution of Erucic acid (EA) and its regulatory Fatty Acid Elongase (FAE)	3.0 Lac

			University (SAU), Sher-e-Bangla Nagar, Dhaka	gene in Brassica rapa for developing low EA containing mustard variety in Bangladesh	
126.	287 BS	Professor Md. Hasanuzzaman Akand Dr. Jasim Uddain Associate Professor	Department of Horticulture, Sher-e-Bangla Agricultural University (SAU), Sher-e-Bangla Nagar, Dhaka	Safety and Quality Tomato production through pruning and organic practices	3.0 Lac
127.	322 BS	Dr. Kamrun Nahar Associate Professor Anisur Rahman Assistant Professor	Department of Agricultural Botany, Faculty of Agriculture, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka	Potential use of melatonin and azolla in improving productivity of rice under salt stress	3.0 Lac
128.	327 BS	Professor Dr. Kamal Uddin Ahamed Professor Dr. Md. Moinul Haque	Department of Agricultural Botany, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka	Susceptibility and recovery potential of hybrid rice varieties to moisture stress at different growth stages	4.5 Lac
129.	340 BS	Professor Dr. Md. Abdul Latif Dr. Mst. Nur Mohal Akhter Banu Associate Professor	Department of Entomology, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka	Host diversity, damage potentiality and management of vegetable leaf miner	3.0 Lac
130.	341 BS	Ayesha Akter Assistant Professor Professor Dr. Tahmina Akter	Department of Entomology, Sher-e-Bangla Agricultural University, Dhaka	Prevalence and damage severity of different chewing insect pest on bottle gourd and eco-friendly management practices for their controlling	3.0 Lac
131.	411 BS	Dr. A.M. Shahabuddin Associate Professor Professor Dr. Kazi Ahsan Habib	Department of Aquaculture, Sher-e-Bangla Agricultural University, Dhaka	Assessment of fish market waste as protein source for the aquaculture operation and developing the environmental friendly processing technology	3.0 Lac
132.	412 BS	Dr. Md. Saiful Islam Assistant Professor Professor Md. Rashedul Islam	Department of Animal Production & Management, Sher-e-Bangla Agricultural University, Dhaka	Comparative seasonal assessment on the quality of Black Bengal goat oocytes in view of embryo production in vitro	3.0 Lac
133.	413 BS	Dr. Mohammad Saiful Islam Associate Professor Imrul Hasan Rasel Adjunct Faculty	Department of Anatomy,, Histology & Physiology, Sher-e-Bangla Agricultural University, Dhaka	Hypoglycemic effects of Neem (Azadirachta indica) in normal and alloxan diabetic rat	3.0 Lac
134.	415 BS	Professor Dr. Md. Anwarul Hoque Beg Md. Aftabuzzaman Assistant Professor	Department of Poultry Science, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka	Supplementation of Algae (Chlorella) in Broiler Ration as an Alternative of Antibiotic – A Safe Food Issue	3.0 Lac
135.	416 BS	Dr. Lam Yea Asad Associate Professor Al-Nur Md. Iftekhar Rahman Assistant Professor	Department of Animal Nutrition, Genetics & Breeding, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka	Non genetic factors affecting semen quality of buck	3.5 Lac
136.	418 BS	Dr. Mohammad Issak Associate Professor A.S.M. Fazle Bari Assistant Professor	Department of Soil Science, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka	Role of chito-compost and chitosan on the reduction of growth duration and yield performance of BRRI dhan29	3.0 Lac
137.	471 BS	Professor A.M.M. Shamsuzzaman Md. Tofail Hosain Assistant Professor	Department of Agricultural Botany, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka	Flowering problem of traditional aromatic rice cultivars in Boro season and strategies to overcome it	3.0 Lac
138.	472 BS	Professor Dr. Md. Forhad Hossain Md. Golam Jilani Helal	Department of Agroforestry and Environmental Science, Sher-e Bangla Agricultural	Estimation of Ecosystem Carbon Stock and Tree Species Diversity at National	3.0 Lac

		Assistant Professor	University, Dhaka	Botanical Garden, Mirpur	
139.	474 BS	Dr. Md. Belal Hossain Associate Professor Sayed Mohammad Mohsin Assistant Professor	Department of Plant Pathology, Sher-e Bangla Agricultural University, Dhaka	A Comparative Analysis of Culture Media for Optimizing the Mycelial Growth and Sporulation of Pyricularia oryzae Cause Blast Disease of Rice and it Control by using Potassium Silicate	3.0 Lac
140.	476 BS	Dr. Mohammad Saiful Islam Bhuiyan Associate Professor Professor Dr. Mohammad Mahbub Islam	Department of Soil Science, Sher-e-Bangla Agricultural University, Dhaka	Salinity restoration assessment between salt- tolerant and non-tolerant rice varieties	3.0 Lac

### Sylhet Agricultural University, Sylhet

141.	12 BS	Professor Md. Abdul Baset Md. Nazmul Hossain Lecturer	Department of Livestock Production and Management, Sylhet Agricultural University, Sylhet	System modeling for the development of community dairy in the hoar areas of Sunamgonj district	3.0 Lac
142.	40 BS	Professor Dr. Md. Nazmul Haque Professor Dr. Md. Mohan Mia	Dept. of Genetics & Animal Breeding, Faculty of Veterinary & Animal Sciences, Sylhet Agricultural University Sylhet	Conservation of red jungle fowl as a potential genetic resource in Bangladesh	3.5 Lac
143.	79 BS	Professor Dr. Md. Masudur Rahman Dr. Md. Mahfujur Rahman Associate Professor	Department of Pathology, Sylhet Agricultural University, Sylhet	Molecular detection of extended spectrum beta- lactamase (ESBL)-Producing Escherichia coli isolated from food animals at Sylhet division of Bangladesh	3.0 Lac
144.	110 BS	Dr. M. M. Mahbub Alam Assistant Professor Dr. Mohammed Mahbub Iqbal Associate Professor	Department of Fish Health Management, Faculty of Fisheries, Sylhet Agricultural University, Sylhet	Optimization of dosage of aqua drugs and chemicals to control fish diseases through proper diagnosis using plate culture, histopathology and pcr techniques	3.0 Lac
145.	146 BS	Professor Dr. Md. Shahidul Islam Dwipok Deb Nath Lecturer	Department of Horticulture, Sylhet Agricultural University, Sylhet	Improvement of Winter and Summer Tomato Production in Sylhet Region	3.0 Lac
146.	266 BS	Professor Dr.A.T.M. Mahbub-E- Elahi Moushumi Purkayastha Assistant Professor	Department of Microbiology and Immunology, Faculty of Veterinary, Animal and Biomedical Sciences, Sylhet Agricultural University, Tilagor, Sylhet	Isolation and Molecular characterization of Haemophilus paragallinarum from the commercial layer and native chicken in Bangladesh and development of its effective vaccine	3.0 Lac
147.	273 BS	Professor Dr. Jiban Krishna Md. Rashid Ahmed	Department of Agricultural Finance and Banking, Sylhet Agricultural University, Sylhet	Prospects of Major Fruits in Sylhet Region: A Value Chain Analysis	2.5 Lac
148.	281 BS	Dr. A.H.M. Mahfuzul Haque Associate Professor Dr. Shakhina Khanam Lecturer	Department of Plant Pathology and Seed Science, Sylhet Agricultural University, Sylhet	Canker disease of citrus in Bangladesh; Epidemiology, quality degradation and management management	3.5 Lac
149.	285 BS	Professor Syed Sayeem Uddin Ahmed Md Bashir Uddin Assistant Professor	Department of Epidemiology and Public Health, Faculty of Veterinary, Animal and Biomedical Sciences, Sylhet Agricultural University, Sylhet	Epidemiology and Economics of Brucellosis	3.0 Lac
150.	464 BS	Professor Dr. Md. Rafiqul Islam Dr. Md. Nazim Uddin Assistant Professor	Department of Medicine, Sylhet Agricultural University, Sylhet	Influence of peripartum nutritional supplementation on resumption of postpartum	3.0 Lac

				ovarian cyclicity and pregnancy rate in lactating dairy cows	
151.	466 BS	Mohammad Atikuzzaman Associate Professor Mohammed Rashed Chowdhury Assistant Professor	Department of Surgery and Theriogenology, Faculty of Veterinary, Animal and Biomedical Sciences, Sylhet Agricultural University, Sylhet	Selection of cytokine and chemokine biomarkers for goat semen quality	2.5 Lac

### University of Dhaka, Dhaka

152.	86 BS	Professor Dr. Aleya Begum Md. Mahabub Alam Lecturer	Department of Zoology, University of Dhaka, Dhaka	Parasite sharing between human and non-human primates in bangladesh: aspects of emerging and potential zoonoses	2.5 Lac
153.	116 BS	Dr. Md. Abdul Mottalib Associate Professor Noor Mohammad Lecturer	Institute of Leather Engineering and Technology, University of Dhaka, Dhaka	Removal of chromium from tannery wastewater and reuse it in leather processing in large scale in regarding reduction of environmental pollution	2.5 Lac
154.	119 BS	Professor Md. Ghulam Mustafa, PhD Gouri Mondal Lecturer	Department of Fisheries, Faculty of Biological Sciences, University of Dhaka, Dhaka	Development of recirculating aquaculture systems in Bangladesh for indoor fish farming with the perspective of nutritional and environmental sustainability	3.0 Lac
155.	123 BS	Professor Haseena Khan Ahlan Sabah Ferdous Lecturer	Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka	Characterization of fungal stress responsive miRNAs against Macrophomina infection in jute (corchorus sp.)	3.5 Lac
156.	124 BS	Professor Dr. M. Majibur Rahman Md. Ibrahim Miah Lecturer	Department of Microbiology, University of Dhaka, Dhaka	Isolation and identification of antibiotic producing Streptomyces spp. from soil by cultural, biochemical and molecular techniques	3.0 Lac
157.	125 BS	Professor Chowdhury Rafiqul Ahsan, Ph.D Professor Dr. Jamalun Nessa	Department of Microbiology, University of Dhaka, Dhaka	Immunogenicity of anthrax vaccine: An investigation into the cause of cattle death in Bangladesh	4.0 Lac
158.	126 BS	Professor Dr. Md. Abdul Karim Professor Md. Abul Bashar, Ph.D.	Department of Botany, University of Dhaka, Dhaka	Bioremediation for improvement of the pollution level of the lake Gulshan by indigenous bacteria	3.0 Lac
159.	127 BS	Professor Dr. Mohammad Zabeed Hossain Rifat Samad Assistant Professor	Department of Botany, University of Dhaka, Dhaka	Population structure, regeneration and genetic variation of Sal (Shorea robusta Roxb. Ex Gaertn.) of the deciduous forests in Bangladesh	3.0 Lac
160.	128 BS	Professor Dr Jesmin Tomalika Rahmat Ullah Lecturer	Genetic Engineering and Biotechnology, University of Dhaka, Dhaka	Screening for early prognostic biomarkers of type 2 diabetes and developing genetic marker based low-cost screening tests for Bangladeshi patients	3.5 Lac
161.	131 BS	Md. Rakibul Islam, Ph.D Associate Professor Professor AKM MahbubHasan, Ph.D	Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka	Low cost microbial carotenoid production for feed and food industry: one step toward national food security	2.5 Lac
162.	139 BS	Dr. Abu Ashfaqur Sajib Associate Professor Ms. Nilanjana Paul Assistant Professor	Department of Genetic Engineering and Biotechnology, University of Dhaka, Dhaka	Protein engineering and microbial strain development for biofuel production from agricultural wastes	2.5 Lac
163.	141 BS	Dr. Rokeya Begum Senior Scientist Proyash Roy Lecturer	Centre for Advance Research in Sciences (CARS); University of Dhaka, Dhaka	Evaluation of genetic polymorphisms of OCT1 among the Bangladeshi type 2 diabetic patients that may alters metformin response	3.0 Lac
164.	142 BS	Md. Latiful Bari, Ph.D. Principal Scientist Md. Arafat Al Mamun Scientist & in-charge	Centre for Advance Research in Sciences (CARS); University of Dhaka, Dhaka	Effectiveness of non-chlorine sanitizers in improving the safety and quality exportable fresh betel	3.0 Lac

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165.	207 BS	Professor Dr. Md. Sagir Ahmed Professor Dr. Md. Anwarul Azim Akhand	Department of Zoology, University of Dhaka, Dhaka	DNA Barcoding of Sharks, Skates and Rays from the Marine and Coastal waters of Bangladesh	3.0 Lac
166.	228 BS	Professor M. Aftab Uddin, Ph.D Md. Miraj Kobad Chowdhury Associate Professor	Department of Genetic Engineering and Biotechnology, University of Dhaka, Dhaka	Molecular mapping of the muslin cotton plant gossypium arboretum	2.5 Lac
167.	332 BS	Professor Dr. Mohammad Firoj Jaman Mohammad Abdur Razzaque Sarker Research Associate	Department of Zoology, University of Dhaka, Dhaka	Wildlife Diversity and Population Status in Dhaka City: Effect of Urbanization and Conservation Challenges	3.0 Lac
168.	333 BS	Professor Dr. Md. Harunor Rashid Khan Professor Mrs. Sayma Khanom	Department of Soil, Water and Environment, University of Dhaka, Dhaka	Strategies for the Reclamation, Improvement and Sustainable Adaptation of Crops on Acid and Calcareous Soils under Changing Climates	2.5 Lac
169.	486 BS 32 Phy's	Professor Dr. Sheikh Shamimul Alam Dr. Syeda Sharmeen Sultana Assistant Professor	Department of Botany, University of Dhaka, Dhaka	Cytogenetical characterization of medicinally important Ocimum spp. from Bangladesh	3.0 Lac
170.	487 BS 33 Phy's	Professor Dr. M. Imdadul Hoque Dr. Tahmina Islam Lecturer	Department of Botany, University of Dhaka, Dhaka	Development and molecular characterization of Disease Resistant Peanut (Arachis hypogaea L.) through Agrobacterium Mediated Genetic Transformation	4.5 Lac
171.	488 BS 35 Phy's	Professor A.H.M. Nurun Nabi Dr. Md. Ismail Hosen Assistant Professor	Department of Biochemistry and Molecular Biology University of Dhaka, Dhaka	Genetic Profiling of Renin Angiotensin Aldosterone System Genes in Bangladeshi Hypertensive Individuals	3.0 Lac

#### Jahangirnagar University, Savar, Dhaka

172.	104 BS	Professor Dr. Md. Nuhu Alam Md. Maniruzzaman Sikder Assistant Professor	Department of Botany, Jahangirnagar University, Savar, Dhaka	Biochemical and White- skinning Activities from the Fruiting bodies of Indigenous Milky White Mushroom in Bangladesh	3.0 Lac
173.	223 BS	Professor Dr. Ali Azam Talukder Dr. Shuvra Kanti Dey Associate Professor	Department of Microbiology, Jahangirnagar University, Savar, Dhaka	Renewable and environmental friendly biofuel production by starch fermenting microbes	3.0 Lac
174.	253 BS	Professor Dr. Md. Monwar Hossain Mirza Shamim Ahasan Habib Research Fellow	Department of Zoology, Jahangirnagar University, Savar, Dhaka	Sundarban Crow, a critically endangered butterfly in the Sundarbans, Bangladesh: A study on its biology and ecology	3.0 Lac

#### Jagannath University, Dhaka

175.	225 BS	Professor Dr. Md. Maniruzzaman Khandaker Mst. Selina Momtaz Assistant Professor	Department of Botany, Jagannath University, Dhaka	Grading of Peanuts, Detection of Mycoflora and Mycotoxin Association of Peanut Grades and Recommendation for Consumption	3.0 Lac
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#### University of Chittagong, Chittagong

176.	23 BS	Dr. Md. Atiar Rahman Associate Professor	Dept. of Biochemistry & Molecular Biology,	Antidiabetic potentials of marine algae as functional	3.0 Lac
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		Professor Dr. Chowdhury Mohammad Monirul Hasan	University of Chittagong, Chittagong	foods	
177.	73 BS	Professor Dr. Sheikh Aftab Uddin Mohammad Nurul Azim Sikder Assistant Professor	Institute of Marine Sciences and Fisheries, University of Chittagong, Chittagong	Antimicrobial Compounds from Marine Vacro Algae: Alternatives to Antibiotics for the Control of Bacterial Diseases in Shrimp Aquaculture Industry, Bangladesh.	3.0 Lac
178.	85 BS	Professor Dr. Mohammad Al- Forkan Bashudev Rudra Lecturer	Department of Genetic Engineering and Biotechnology, University of Chittagong, Chittagong	Development of arsenic sequestering rice (oryza sativa l.) And jute (corchorus olitorius) by agrobacterium mediated transformation of plant root specific tonoplast transporter osabcc1 gene	4.0 Lac
179.	122 BS	Tapash Kumar Bhowmik Assistant Professor Minhajur Rahman Assistant Professor	Department of Botany, University of Chittagong, Chittagong	Comparative screening of secondary metabolites, cytotoxic, antioxidant, antiinflammatory and antimicrobial activities of six in vitro and naturally grown medicinal orchids of Chittagong Hill Tracts	3.0 Lac
180.	166 BS	Dr. Animesh Biswas Associate Professor Sweety Majumder Assistant Professor	Department of Botany, University of Chittagong, Chittagong	Development of protocols for callus and cell suspension culture of some medicinal plants of Bangladesh in order to screening bioactive compounds	4.5 Lac

### Chittagong Veterinary and Animal Sciences University

181.	36 BS	Professor Dr. Bibek Chandra Sutradhar Professor Dr. Bhajan Chandra Das	Department of Medicine and Surgery, Faculty of Veterinary Medicine, Chittagong Veterinary and Animal Sciences University, Khulshi, Chittagong	Comparative Studies of Various Common Methods and Evolutionary Adaption of Appropriate Technique for the Treatment of Urolithiasis of Small Ruminants in Bangladesh	3.0 Lac
182.	49 BS	Professor Dr. Kabirul Islam Khan Dr. Md. Moksedul Momin Lecturer	Department of Genetics and Animal Breeding, Chittagong Vaternary and Animal Sciences University, Chittagong	Development of Chickens suitable for meat and egg production under semi- scavenging systems using reciprocal crossing between Hilly and Fayoumi chickens	3.0 Lac
183.	92 BS	Dr. Azizunnesa Associate Professor Dr.Md Anowar Parvez Assistant professor	Department of Medicine and Surgery, Chittagong Veterinary and Animal Sciences University, Khulshi, Chittagong	Molecular characterization and risk factors associated with abortions caused by Toxoplasma gondii in goats in Chittagong	2.5 Lac
184.	175 BS	Professor Dr. Sharmin Chowdhury Dr. Tofazzal Md. Rakib Lecturer	Department of Pathology and Parasitology, Chittagong Veterinary and Animal Sciences University, Khulshi, Chittagong	Molecular epidemiology and genotyping of bovine rotavirus A isolated from faeces of neonatal calves in Rangamati district	3.0 Lac

### Rajshahi University, Rajshahi

185.	34 BS	Dr. Mustafa Abul Kalam Azad Associate Professor Professor Dr. Muhammad Nurul Amin	Department of Botany, Rajshahi University, Rajshahi	In Vitro Conservation, Field Evaluation, and Selection of New Genotype of Garden Asparagus	3.0 Lac
186.	53 BS	Dr. Md. Abdus Samad Associate Professor Professor Dr. Muhammad Afzal Hossain	Department of Fisheries, University of Rajshahi, Rajshahi	Introduction of riverine high valued endangered Rita fish, Rita rita (Hamilton, 1822) in pond habitat for domestication and conservation	3.0 Lac
187.	75	Professor Dr. Farzana Ashrafi	Department of Botany,	Evaluation of Microbial Quality	3.0 Lac

	BS	Neela Professor Dr. Lipika Ghosh	Rajshahi University, Rajshahi	and Safety of Street Vended Juices and Survey of hygiene practices of vendors	
188.	91 BS	Professor Dr. Biswanath Sikdar Md. Faruk Hasan Lecturer	Department of Genetic Engineering & Biotechnology, University of Rajshahi, Rajshahi	Detection of Xanthomonas campestris pv. citri. using biochemical and molecular approaches and its biological management with bacterial antagonistic for citrus canker diseases	3.0 Lac
189.	94 BS	Professor Dr. Md. Jalal Uddin Sarder Dr. Mst. Ishrat Zarin Moni Assistant professor	Department of Veterinary & Animal Sciences, University of Rajshahi, Rajshahi	Development protocols of increase pregnancy rate in dairy cows under AI programme of Bangladesh	3.0 Lac
190.	111 BS	Dr. Ahmed Imtiaz Associate Professor Professor Dr. M. Shahidul Alam	Department of Botany, University of Rajshahi, Rajshahi	Present Scenario of Fungal Diseases of Guava in Rajshahi Region and Their Integrated Control Management	2.5 Lac
191.	132 BS	Professor Dr. Md. Abdul Alim Professor Dr. Md. Arifur Rahman	Department of Agronomy & Agricultural Extension, Rajshahi University, Rajshahi	Yield and quality improvement of aromatic fine rice through integrated nutrient management in barind area	2.5 Lac
192.	168 BS	Professor Dr. Md. Khairul Islam Professor Dr. Md. Abul Kalam Azad	Department of Crop Science and Technology, University of Rajshahi, Rajshahi	Studies on Physiological Constituents of Tropical Fruit Crops, their Postharvest Losses and Mitigation	3.0 Lac
193.	282 BS	Dr. Md. Rashedul Kabir Mondol Assistant Professor Professor Dr. Md. Akhtar Hossain	Department of Fisheries, University of Rajshahi, Rajshahi	Identification of pure breeds of Kalibaus (Labeo calbasu) using genetic markers for sustainable aquaculture in Bangladesh	2.5 Lac

### Khulna University, Khulna

194.	21 BS	Professor Dr. Md. Abdul Mannan Md. Mostofa Kamal Lecturer	Agrotechnology Discipline, Khulna University, Khulna	Adjustment of Sowing time of some winter vegetables to overcome the Salinity Problem for Sustainable Crop Production	2.5 Lac
195.	52 BS	Md. Azharul Islam Associate Professor Professor Dr. Abdus Subhan Mollick	Forestry and Wood Technology Discipline, Khulna University, University	Ranking of Fuelwood tree species of southwest coastal Bangladesh by Fuel Value Index	3.0 Lac
196.	90 BS	Shaikh Tareq Arafat Assistant Professor Md. Moshir Rahman Associate Professor	Fisheries and Marine Resource Technology (FMRT) Discipline, Khulna University, Khulna	Effects of temperature on phenotypic traits, reproductive success and offspring fitness in stripped dwarf catfish (Mystus vittatus)	2.5 Lac
197.	148 BS	Professor Dr. Ghausiatur Reza Banu ShikderSaiful Islam Assistant Professor	Fisheries and Marine Resource Technology Discipline, Khulna University, Khulna	Assessment of virulence factors of devastating pathogen of Vibrio spp., causative agent of Early Mortality Syndrome (EMS) in shrimp larvae	3.0 Lac
198.	152 BS	Dr Shaikh Jamal Uddin Associate Professor Professor Dr Jamil Ahmad Shilpi	Pharmacy Discipline, Khulna University, Khulna	Antihyperlipidemic Activity of Some Plants Commonly Used as Vegetables by Southern Coastal Regional People of Bangladesh- An Extension of Previous Investigation	2.5 Lac

### Islamic University, Kushtia

199.	161 BS	Professor Dr. Md. Rezuhanul Islam Md. Khasrul Alam Assistant Professor	Department of Biotechnology and Genetic Engineering, Islamic University, Kushtia	Assessment of Arsenic Content in the Agriculture Fields, Crops (especially rice) & Irrigated Water and	2.5 Lac
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### EXIM Bank Agricultural University, Bangladesh, Chapai-Nawabgonj

200.	9 BS	Dr. Most. Altaf-Un-Nahar Assistant Professor Aniruddha Sarker Lecturer	Department of Horticulture and Biotechnology, EXIM Bank Agricultural University, Bangladesh, Chapai-Nawabgonj	Studies on the Effect of Moringa (Moringa oleifera) Leaf Extract on Growth, Yield and Quality of Summer Tomato	2.5 Lac
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### International University of Business Agriculture and Technology (IUBAT) University, Dhaka

201.	216 BS	Professor Dr.Md.Salah Uddin Professor Krishibid Dr. Md. Emdadul Haque	College of Agricultural Science, International University of Business Agriculture and Technology (IUBAT University), 4 Embankment Drive Road, Uttara Model Town Sector # 10, Dhaka	Comparative feasibility study of guinea fowl production under the scavenging and intensive rearing systems	2.5 Lac
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### Shahjalal University of Science and Technology, Sylhet

202.	3 BS	Professor Dr. Md. Kamrul Islam Dr. Asif Iqbal Associate Professor	Department of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology, Sylhet	Molecular identification of parasitic nematodes from different tea states of greater Sylhet region and their management strategies by using indigenous medicinal plant extract	3.0 Lac
203.	4 BS	Professor Dr. Iftekhar Ahmad Dr. Razia Sultana Chowdhury Associate Professor	Dept. of Food Engineering and Tea Technology, ShahJalal University of Science and Technology (SUST), Sylhet	Assessment of Nutritional Status, Hygiene Practices and Health Condition of School-age Children of Rural Areas (Hawar Areas) at Sylhet, Bangladesh: Perspective of Food and Nutrition	2.5 Lac
204.	29 BS	Dr. Gokul Chandra Biswas Assistant Professor Md. Masum Talukder Assistant Professor	Department of Genetic Engineering and Biotechnology, School of Life Sciences, Shahjalal University of Science and Technology, Sylhe	Paper-based microdevice for rapid and on-spot detection of CaC2 used for artificial fruit ripening	2.5 Lac
205.	65 BS	Professor Dr. S. M. Abu Sayem Professor Dr. Salma Akhter	Department of Genetic Engineering and Biotechnology, School of Life Sciences, Shahjalal University of Science and Technology, Sylhet	Enhanced production of biogas through enzymatic hydrolysis of dung and augmented household feedstock in two-stage bioreactor	2.5 Lac
206.	84 BS	Professor Dr. Md. Faruque Miah Md. Hazrat Ali Lecturer	Department of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology, Sylhet	Enhancement of molecular based system and characterization of hilsa shad, Tenualosa ilisha for natural stock management in Bangladesh	3.0 Lac

### Hajee Mohammad Danesh Science and Technology University, Dinajpur

207.	133 BS	Dr. Umme Kulsum Rima Associate Professor Dr. Md. Shajedur Rahman Assistant Professor	Department of Medicine, Surgery and Obstetrics, Hajee Mohammad Danesh Science and Technology	Investigate the prevalence of mastitis and antibiogram of the bacterial isolates in milk samples of smallholder dairy	3.0 Lac
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			University, Dinajpur	goats in Northern region of Bangladesh	
208.	189 BS	Professor Dr. Abdul Hamid Md. Nurul Amin Assistant Professor	Department of Animal Science and Nutrition, Hajee Mohammad Danesh Science and Technology University, Dinajpur	Dynamics of microorganisms implicated with high yielding variety (HYV) Napier and Maize fodders for better quality silage and inoculums	2.5 Lac
209.	319 BS	Professor Dr. Mst. Afroza Khatun Dr.Mst.Misrat Masuma Parvez Lecturer	Department of Dairy and Poultry Science, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur	Dietary effect different antibiotics and detection of antibiotics residue in the meat of Sonali chicken in Bangladesh	3.0 Lac
210.	320 BS	Professor Abdul Gaffar Miah, PhD Mohammad Saiful Islam, PhD Associate Professor	Department of Genetics and Animal Breeding, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur	Semen cryopreservation and live conservation of Aseel as native chicken genetic resource of Bangladesh	3.0 Lac
211.	321 BS	Professor Bhabendra Kumar Biswas Shukla Rani Das Assistant Professor	Department of Genetics and Animal Breeding, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur	Improvement of yield and fiber quality by crossing between American and Egyptian cottons	2.5 Lac
212.	377 BS	Professor Dr. Tahera Yeasmin Md. Kamruzzaman Assistant Professor	Department of Dairy and Poultry Science, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur	Dietary effect of moringa (Moringa oleifera) leaf powder as a replacer of antibiotic and antioxidant on performance of broiler	3.0 Lac
213.	378 BS	Dr. Md. Arifuzzaman Associate Professor Professor Dr. Md. Abul Kalam Azad	Department of Genetics and Plant Breeding, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur	Molecular marker based genetic diversity analysis in rice land races and modern cultivars under drought stress conditions	3.0 Lac

### Patuakhali Science and Technology University, Dumki, Patuakhali

214.	31 BS	Dr. Md. Shariful Islam Associate Professor Dr. Md. Nizam Uddin Associate Professor	Department of Agricultural Chemistry, Patuakhali Science and Technology University Dumki, Patuakhali	Screening of salt tolerant indigenous vegetable cultivars for nutritional security in coastal regions of Bangladesh	3.0 Lac
215.	33 BS	Professor Dr Purnendu Biswas Professor Swadesh Chandra Samanta	Department of Agronomy, Patuakhali Science and Technology University, Dumki, Patuakhali	Increasing productivity of T. aman rice and grass pea as relay cropping through poultry litter application in tidal ecosystem	3.0 Lac
216.	87 BS	Dr. Md. Sazedul Hoque Assistant Professor Professor Mohammad Ali	Department of Fisheries Technology and Department of Horticulture, Patuakhali Science and Technology University, Dumki, Patuakhali	Adoption of UC Davis Chimney dryer for preparation of improved quality dried fish and vegetables: Socio-economic improvement approach of coastal fisher community	3.0 Lac
217.	103 BS	Dr. Gopal Saha Associate professor Dr. Nasar Uddin Ahmed Associate professor	Department of Agronomy , Patuakhali Science and Technology University, Dumki, Patuakhali	Phenotypic and molecular marker based screening of coastal rice landraces under salt stress at the seedling and reproductive stages	4.0 Lac
218.	193 BS	Professor Dr. Sultan Ahmed Dr. Md. Ektear Uddin Associate Professor	Department of Agronomy, Patuakhali Science and Technology University, Dumki, Patuakhali	Fertilizer Management for Maximizing Soybean (Glycine max L) Production in Different Agro- ecosystems of Patuakhali and Barguna Districts of Bangladesh	3.0 Lac
219.	284 BS	Nasrin Sultana Associate Professor	Department of Genetics and Plant Breeding, Patuakhali	Breeding towards Combating Resurgence of	3.0 Lac

		Professor Dr.Md.Shahidul Islam	Science and Technology University, Dumki, Patuakhali	Rice Blast Disease of Bangladesh	
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### Mawlana Bhashani Science and Technology University, Santosh, Tangail

220.	177 BS	Dr. Md. Abu Zubair Associate Professor Md. Azizul Haque Associate Professor	Department of Food Technology and Nutritional Science, Mawlana Bhashani Science and Technology University, Santosh, Tangail	Identification and Quantification of Sodium Benzoate in the Different Commercially Available Fruit Juices and Determination of Toxic Effect of the Finished Product in vivo in Mice	2.5 Lac
221.	191 BS	Rokeya Begum Associate Professor Md. Nannur Rahman Assistant Professor	Food Technology and Nutritional Science, Mawlana Bhashani Science and Technology University, Santosh, Tangail	Extraction and utilization of protein concentrate from selected rice bran	3.0 Lac
222.	221 BS	Dr. A.K. Obidul Huq Associate Professor Mesbah Uddin Talukder Assistant Professor	Department of Food Technology and Nutritional Science, Mawlana Bhashani Science and Technology University, Santosh, Tangail	Development of Functional Food Supplement Products from Organic Herbs & Spices and Their Efficacy on Health and Nutrition	3.0 Lac
223.	267 BS	Shamim Al Mamun Associate Professor Tanmoy Roy Tusher Assistant Professor	Department of Environmental Science and Resource Management Mawlana Bhashani Science and Technology University, Santosh, Tangail	Reduction of Cd contamination in agricultural soils through decreasing phosphate fertilizer application and using processed soil organic amendments rich in phosphorus	2.5 Lac

### Jessore University of Science & Technology, Jessore

224.	18 BS	Professor Dr. Shaikh Mizanur Rahman Forhad Karim Saikat Assistant Professor	Department of Genetic Engineering and Biotechnology, Jessore University of Science and Technology, Jessore	Mass Commercial Production of Gerbera Plantlets and Development of Superior Varieties through Cytogenetical Approaches	3.0 Lac
225.	26 BS	Dr. Md. Sherazul Islam Associate Professor Mr. Ripon Kumar Adhikary Assistant Professor	Department of Fisheries & Marine Bioscience, Jessore University of Science & Technology, Jessore	Preliminary stock assessment and reproductive biology of the mud crab (Scylla olivacea) from sundarban mangrove forest in Satkhira region	2.5 Lac
226.	112 BS	Dr. Md. Mashiar Rahman Assistant Professor Biplab Kumar Dash Assistant Professor	Department of Genetic Engineering and Biotechnology, Jessore University of Science and Technology, Jessore	Evaluation of bacterial strains for their antagonistic activities on Magnaporthe oryzae, and associated plant growth promoting properties on local rice varieties	2.5 Lac

### Noakhali Science and Technology University (NSTU), Sonapur, Noakhali

227.	27 BS	Dr. Mohammad Abdul Momin Siddique Assistant Professor Muhammad Golam Mustafa Assistant Professor	Department of Oceanography, Noakhali Science and Technology University (NSTU), Sonapur, Noakhali	Development of hatchery technology of few common culture species for small scale fish farms in Bangladesh	2.5 Lac
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### Bangladesh Atomic Energy Commission (BAEC), Dhaka

228.	102 BS	Mohammed Rafiqul Islam Principal Scientific Officer Mustari Taslim Jahan Senior Scientific Officer	Plant Biotechnology and Genetic Engineering Division, Institute of Food & Radiation Biology, Atomic	Improvement and germplasm conservation of three indigenous banana varieties (Musa spp. var.	3.0 Lac
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			Energy Research Establishment, Ganakbari, Savar, Dhaka	Sagar, Agnishwar and Sabri) through gamma irradiation and in vitro propagation techniques	
229.	447 BS	Dr Tabassum Mumtaz Principal Scientific Officer Dr Md Akhter Uzzaman Principal Scientific Officer	Institute of Food and Radiation Biology, Atomic Energy Research Establishment, Savar, Dhaka	Production of microbial polyester-polyhydroxyalkanoates (PHAs) by bacteria isolated from compost	3.0 Lac

### National Institute of Biotechnology (NIB), Dhaka

230.	157 BS	Shamima Akhtar Sharmin Senior Scientific Officer Shamsun Nahar Scientific Officer	Environmental Biotechnology Division, National Institute of Biotechnology, Ganakbari, Ashulia, Savar, Dhaka	Assessment of phytoremediation potential of several Ipomoea species of Bangladesh	3.0 Lac
231.	164 BS	Abdun Noor Muhammad Iftekhar Alam Senior Scientific Officer Mst. Muslima Khatun Scientific Officer	Plant Biotechnology Division, National Institute of Biotechnology, Ganakbari, Ashulia, Savar, Dhaka	DNA barcoding of marine macrophytes of the Bay of Bengal	3.0 Lac
232.	173 BS	Dr. Jahangir Alam Chief Scientific Officer Shohel Mahmud Scientific Officer	Animal Biotechnology Division, National Institute of Biotechnology (NIB), Ganakbari, Ashulia, Savar, Dhaka	Molecular Analysis of Major Milk Protein Gene Polymorphisms in Buffalo	3.0 Lac
233.	174 BS	Dr. Nusrat Jahan Senior Scientific Officer M.M. Kamal Hossain Scientific Officer	Animal Biotechnology Division, National Institute of Biotechnology (NIB), Ganakbari, Ashulia, Savar, Dhaka	Molecular analysis of genes associated with semen quality and fertility	3.0 Lac

### Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka

234.	235 BS	Dr.Md. Ahasan Habib Senior Scientific Officer Tanjina Akhtar Banu Senior Scientific Officer	Plant Tissue Culture Section, Biological Research Division, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Qudrat-I-Khuda Road, New Market, Dhaka	Comparative studies of bioactive metabolites obtained from field grown and in vitro regenerated plants of Rauwolfia serpentina L. an important medicinal plant	3.0 Lac
235.	236 BS	Shahina Akter Senior Scientific Officer Dr.Md. Salim Khan Principal Scientific Officer	Plant Tissue Culture Section, Biological Research Division, Bangladesh Council of Scientific and Industrial Research (BCSIR) Dr. Qudrat-i- Khuda Road, Dhanmondi, Dhaka	Application of At WBC19 Gene as an Alternative to npt II Gene for the Selection of Transformants in Agrobacterium -mediated Genetic Transformation of Tomato Plants	2.5 Lac

### NGO

236.	72 BS	A.H.M. Delwer Hossain Director General Md. Hafizur Rahman Alina Yasmin Chairperson	BOISHAKHI Mohila Unnayan Samitee (BMUS), Purbatengri College Road, Ishwardi, Dist: Pabna	Development & Diversification of seed sources for High yield crop productivity for different crops	2.5 Lac
237.	145 BS	Professor Dr. Md. Lokman Hossain Mohammed Zahirul Islam	National Oceanographic And Maritime Institute (NOAMI), 10/8, 9th Floor, Eastern Plaza, Sonargaon Road, Hatirpool, Dhaka	Study on the Population Status and Habitat Condition of Aqua-Microfauna, Fish and Wildlife in the R iver Buriganga : Challenges and the Conservation Issues	2.5 Lac
238.	181 BS	Dr. Abu Hena Mohammed Faruque Chief Scientific Officer Dr. Md. Mustafizur Rahman Pramanik	Foundation for Population Development and Action Research (FPDAR), Head Office: Glowing Stone, House No- 54. Road No- 11, Block-C, Banani, Dhaka	Identifying soil management practices that conserve soil organic matter, and effectively using and recycling plant nutrients	2.5 Lac

		Deputy Chief Scientific officer Hasina Akter Chief Executive Officer			
239.	184 BS	Dr. F. M. Maniruzzaman Director Dr. Md. Nasir Uddin Scientific Officer Scientific Research Division Md. Zakaria Executive Director	Society for PRITI - Bangladesh (SPB), SPB, Hospital Road, Monohardi Pourasava, Upazila: Monohardi, Dist: Narsingdi	Studies on the Development of Post-harvest Physiology of Some Selected Fruits and Value Chain Management in the Climate Change Scenario in Bangladesh	2.5 Lac
240.	196 BS	Md. Emdadul Hossain Scientific Officer Md. adul Aziz Scientific Officer Adv. Eleza Rahi Executive Director	Samaj Paribartan Kendra- SPK, 40/42 Taherbag, Wari, Dhaka	Integrated Agro-Farming for Re-Settlement of River Eroded People in the Govt. Cluster village in Polashpur & Ghirigonj basail under Sirajdikhan upazilla of Munshiganj District	2.5 Lac
241.	201 BS	Dr. Md. Nazrul Islam Director Dr. Jharna Afsary Deputy Director Dr. Md. Masudul Alam Mojib Executive Director	Integrated Rural Development Organization (IRDO), House # 54, Road # 13, Sector # 14, Uttara	Studies on Soil Amendments and Nutrient Management for Proper Yield of Some Selected Fruits and Vegetables in Bangladesh	2.5 Lac
242.	212 BS	Professor Md. Mustafizur Rahman Md. Rishad Abdullah Plant Conservation Manager	Plant Conservation and Research Foundation, House No. 47, Chattrapur Primary School Road, BAU Shesh Moor, PO. Bangladesh Agricultural University, Mymensingh	Collection of Threatened Wild Plant Species for <i>Ex Situ</i> Conservation and Rehabilitation of Degraded Forest Ecosystems	2.5 Lac
243.	229 BS	Dr. Samia Saif Research Coordinator Dr. Rezaul Karim Research Associate Ms. Nazneen Kadir Chairman	Mohila Unnayan Committee (MUC), Village & Post: Sehangal, Upazila: Nesarabad, District: Pirojpur	Assessment of adverse impact of use chemical and drugs in Poultry Farming	2.5 Lac
244.	231 BS	Md. Moksedur Rahman Sr. Research Fellow Dr. Abdul Gafur Program Head Dr. Abdul Hamid Chairman	Agrarian Research Foundation, House No. 48, Road No. 5, Shekhertek, Mohammadpur, Dhaka	Improvement of jhum farming in Chittagond hill tracts: enhancing production through rice-sesame intercropping	2.5 Lac
245.	247 BS	Md. Ershad Hossain Khan Principal Investigator Mrs. Shahnaz Begum (Ph D) Associate Investigator M. A. Motaleb Hossain Executive Director	Slum People's Development Organization (SPDO), 53 Motijheel, Modern Mansion, 14th Floor, Dhaka	Studies on sustainable soil management for proper yield of some selected spice in Bangladesh	2.5 Lac
246.	248 BS	Dr. Pranab Kumer Saha Ray Principal Investigator Md. Ruhul Amin Co- Investigator Md. Shamsul Alam Executive Director	Swadesh Unnayan Sangsad- SUS, 264/9, Basabo, Shahjahanpur, Dhaka	Participatory production demonstration of irrigated boro rice varieties in haor areas	2.5 Lac
247.	280 BS	Dr. Biswajit Barai Dr. Sultana Shahana Banu Ms. Mamataj General Secretary	Alokito Samaj Unnayan Sangstha, 171/3 South Kamalapur, Dhaka	Hepatitis B viral load and risk for liver cirrhosis and hepatocellular carcinoma in Dhaka city of Bangladesh	2.5 Lac
248.	288	Md. Rafiqul Hasan	Sonali Kallayan Sangha (SKS)	Integrated Disease And	2.5 Lac

	BS	Project Director Md. Foyez Uddin Deputy Project Director Md. Imrul Kaes Executive Director	Holdigram, Jhenaigati, Sherpur	Insects Management of Turmeric Production at Sherpur District	
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## Medical Science Group

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

SL. No.	Gr. SL.	Name of the Principal Investigator & Associate Investigator	Address of the Principle Investigator	Project Title	Recommended Grant Amount (Emount in Lakh)
249.	17 MEDI:S	Dr. Md. Shamim Ahmed Associate Professor Professor Dr. Syed AtiqulHaq	Department of Rheumatology Bangabandhu Sheikh Mujib Medical University (BSMMU), Shahbag, Dhaka	Prevalence of HLA- B alleles in Ankylosing Spondylitis in Bangladeshi population	7.0 Lac
250.	18 MEDI:S	Dr. S. M. Rashedul Islam Assistant Professor Dr. A.K. Qumrul Huda Associate Professor	Department of Virology & Department of Anesthesia, Analgesia and Intensive Care Medicine of Bangabandhu Sheikh Mujib Medical University (BSMMU), Shahbag, Dhaka	Detection of viral respiratory pathogen among the patients with lower respiratory tract infections at critical care unit of a tertiary care hospital of Bangladesh	4.0 Lac
251.	68 MEDI:S	Dr. Amin Lutful Kabir Associate Professor Dr. Farzana Rahman Assistant Professor	Department of Haematology, Bangabandhu Sheikh Mujib Medical University, Shahbag, Dhaka	Approaching Molecular Diagnosis and Monitoring Molecular Responses of Chronic Myeloid Leukemia Patients in Bangladesh	3.0 Lac
252.	71 MEDI:S	Professor Dr. Saif Ullah Munshi Dr. Tahmina Akther Medical Officer	Department of Virology, Bangabandhu Sheikh Mujib Medical University (BSMMU), Shahabag, Dhaka	Development of A Mathematical Model Based on Early levels of Cytokines, Platelet Count, Haematocrit Value, and Viral load for Prediction of Fatal Outcome of Dengue Infection	6.0 Lac
253.	77 MEDI:S	Professor Dr Sajal Krishna Banerjee Dr Dipal Krishna Adhikary Associate professor	Department of Cardiology, Bangabandhu Sheikh Mujib Medical University (BSMMU), Shahabag, Dhaka	Evaluation of Etio-Pathology and Risk Factors Prevailing in Hypertensive Patients of Bangladesh- A Comparative Study on Urban and Rural Population	6.0 Lac
254.	80 MEDI:S	Dr. Mohammad Tanvir Islam Associate professor Dr. Kaniz Shahali Reza Snigdha Medical Officer	Department of Internal Medicine, Bangabandhu Sheikh Mujib Medical University, Dhaka	Skin Disease in Elderly, a cross sectional survey in tertiary care center, Bangladesh	7.0 Lac
255.	82 MEDI:S	Dr. Md. Atiqul Haque Associate professor Dr. Faysal Ahmed Medical Officer	Department of Public Health and Informatics, Bangabandhu Sheikh Mujib Medical University, Shahbagh, Dhaka	A prevalence study on the abuse of children with Autism Spectrum and Neurodevelopmental Disorders	7.0 Lac
256.	84 MEDI:S	Professor Dr. Md. Habibur Rahman Dr. Md. Akter Kamal Parvez Medical Officer	Department of Urology, Bangabandhu Sheikh Mujib Medical University Shahbagh, Dhaka	Erectile dysfunction among hypertensive men: Bangladesh perspective	3.0 Lac
257.	103 MEDI:S	Professor Dr. M Iqbal Arslan Md. Noor-E-Alam Siddique Lecturer	Department of Biochemistry, Bangabandhu Sheikh Mujib Medical University (BSMMU), Dhaka	Havey Metal Level in Water and its Association with Kidney Diseases in a Rural Community.	5.0 Lac

### Sir Salimullah Medical College, Dhaka

258.	65 MEDI:S	Professor Dr. Mani Lal Aich Dr. Md. Abul Kashem Assistant Register	Department of Otolaryngology and Head- Neck Surgery, Sir Salimullah Medical College,	Prevalence of hearing loss among the CNG driver in Dhaka city	2.0 Lac
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			Dhaka		
259.	105 MEDI:S	Dr Md Masud Iqbal Associate Professor Dr Nasir Ahmed Associate Professor	Department of Nephrology, Sir Salimullah Medical College (SSMC) and Mitford hospital	Dietary Intake of Macro and Micronutrients in Major Non Communicable Diseases (NCD) – An Assessing of Hypertensive, Diabetic and Nephropathy Subjects in Bangladesh	5.0 Lac

#### National Institute of Cardiovascular Diseases (NICVD), Dhaka

260.	67 MEDI:S	Dr. M G Azam Associate Professor Dr. Jafirin Jahan Assistant Professor	Department of Cardiology, National Institute of Cardiovascular Diseases (NICVD), Sher e Bangla Nagar, Dhaka	Current status of time delay to primary percutaneous coronary intervention (pPCI) and its impact on outcomes among Bangladeshi population	6.0 Lac
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#### Bangladesh Institute of Research and Rehabilitation in Diabetes, Endocrine and Metabolic Disorders (BIRDEM), Dhaka

261.	22 MEDI:S	Dr Quamrun Nahar Principal Research Officer Professor Subhagata Choudhury	Department of Biochemistry and Cell Biology, Research Division, Bangladesh Institute of Research and Rehabilitation in Diabetes, Endocrine and Metabolic Disorders (BIRDEM), 122 Kazi Nazrul Islam Avenue, Shahbag, Dhaka	Study of food security, dietary diversity score and metabolic Syndrome of bangladeshi adult population	3.0 Lac
262.	35 MEDI:S	Professor Dr. Ashesh Kumar Chowdhury Dr. Faria Afsana Assistant Professor	Department of Immunology & Department of Endocrinology, BIRDEM (Bangladesh Institute of Research and Rehabilitation in Diabetes, Endocrine and Metabolic Disorders) General Hospital, 122, Kazi Nazrul Islam Avenue, Shahbagh, Dhaka	Study of adiponectin, CD36 and high sensitivity C- reactive protein (hsCRP) as early diagnostic biomarkers of metabolic syndrome of type-2 diabetes patients	5.0 Lac
263.	96 MEDI:S	Dr. Roksana Yeasmin Associate Professor DR. Nazmun Nahar Associate Professor	Department of Biochemistry in Ibrahim Medical College & General Laboratory Service, BIRDEM, Dhaka	Association of TNF- alpha gene polymorphism with type 2 diabetes mellitus in relation to insulin action and secretion.	4.0 Lac
264.	104 MEDI:S	Dr. Purabi Rani Deb Nath Associate Professor Dr. Narayan Chandra Bhowmik Senior Medical Officer	Department of Ophthalmology, Bangladesh Institute of Research, Rehabilitation in Diabetes, Endocrine and Metabolic Disorders (BIRDEM), Dhaka	Metabolic and Hemodynamic Influence on Retinopathy among Bangladeshi Diabetic Subjects of Rural Community	5.0 Lac

#### Bangladesh University of Health Sciences (BUHS), Dhaka

265.	49 MEDI:S	Dr. Md. Ranzu Ahmed Lecturer Dr. Md Shahinul Haque Khan Associate Professor	Department of Chemistry, Bangladesh University of Health Sciences (BUHS) 125/1 Darus Salam, Mirpur, Dhaka	Chemical analysis of some active antidiabetic herbal preparations available in Bangladesh	3.0 Lac
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#### Shaheed Suhrawardy Medical College & Hospital, Dhaka

266.	50 MEDI:S	Dr. Md. Shahadat Hossain Associate Professor Dr. Monzur Ahmed Assistant Professor	Department of Physical Medicine & Rehabilitation, Shaheed Suhrawardy Medical College & Hospital, Sher-E-Bangla Nagar, Dhaka	A Comparative Study of the Effectiveness of Supervised Exercises and Instructed Homebased Exercises in the Patients with Chronic Nonspecific Low Back Pain	5.0 Lac
267.	51 MEDI:S	Dr. Ratan Das Gupta Associate Professor Dr Syed Mahub Morshed Assistant Professor	Department of Nephrology, Shaheed Suhrawardy Medical College & Hospital, Sher-E-Bangla Nagar, Dhaka	Histological pattern of Glomerular diseases in Bangladesh	5.0 Lac
268.	112 MEDI:S	Dr. Dilip Kumar Ghosh Assistant Professor	Department of Gastroenterology. Shaheed	Defecation Frequency and Stool Form among General	4.0 Lac

		Dr. Akhlak Ahmed Associate Physician	Suhrawardy Medical College Hospital, Sher-e-Bangla Nagar, Dhaka	Bangladeshi population	
269.	113 MEDI:S	Dr. Mohammad Abdullah Al Mamun Assistant Professor Dr. Ferdousi Nahar MO	Department of Surgery. Shaheed Suhrawardy Medical College Hospital, Sher-e-Bangla Nagar, Dhaka.	“Prospective randomized trial of simple drainage alone versus drainage and fistulotomy for acute perianal abscess”	5.0 Lac

#### Green Life Medical College, Dhaka

270.	60 MEDI:S	Dr. Tanima Sharmin Assistant Professor Dr. Ehsamul Azim (Shovon) Associate Professor	Department of Community Medicine, Green Life Medical College, 32 Bir Uttam K.M. Shafiullah Sarak, (Green Road), Dhanmondi, Dhaka	Prevalence and factors of depression among undergraduate medical students	5.0 Lac
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#### National Institute of Preventive and Social Medicine (NIPSOM), Dhaka

271.	73 MEDI:S	Dr. Md.Shafiur Rahman Assistant Professor Dr. Irin Hossain Medical officer	Department of Occupational & Environmental Health (OEH), National Institute of Preventive and Social Medicine (NIPSOM), Mohakhali, Dhaka	Health attitude and problem of young people in rural Bangladesh: Cause for concern and Call for action	3.0 Lac
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#### Mymensingh Medical College Hospital, Mymensingh

272.	78 MEDI:S	Professor Dr.Shikha Rudra Dr. Md. Anwar Hossain Associate Professor	Transfusion Medicine Department, Mymensingh Medical College Hospital, Mymensingh	Detection of <i>Leishmania</i> <i>Donovani</i> Antibody in Symptomatic blood donors living in endemic District i.e. Mymensingh of Bangladesh	4.0 Lac
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#### Chittagong Medical College & Hospital, Chittagong

273.	86 MEDI:S	Professor Dr. Nasir Uddin Mahmud Sanat Kumar Barua Associate Professor	Department of Paediatrics, Chittagong Medical College & Hospital, Chittagong	Study on molecular etiology of encephalitis and differences in their clinical presentation in Bangladesh	6.0 Lac
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#### National Institute of Kidney Diseases & Urology ((NIKDU), Dhaka

274.	97 MEDI:S	Dr Md Ayub Ali Chowdhry Dr Kazi Shahnoor Alam Assoc Professor	National Institute of Kidney Diseases & Urology (NIKDU), Sher-E – Bangla Nagar, Dhaka	A Systematic Survey to Identify the Incidence and Prevalence of Kidney Disease and its Major Risk Factors in Community	5.0 Lac
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#### Dhaka Medical College Hospital, Dhaka

275.	116 MEDI:S	Dr.Lutfa Akther Program Coordinator Dr. Sharmina Siddique Consultant	Reproductive Health Services Training and Education Program, Dhaka Medical College Hospital, Dhaka	Role of GSTT1 and GSTM1 gene polymorphism in the development of preeclampsia in Bangladeshi women	4.0 Lac
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#### Jahangirnagar University, Savar, Dhaka

276.	27 MEDI:S	Dr. Nafisa Azmuda Assistant Professor Dr. Nihad Adnan Assistant Professor	Department of Microbiology, Jahangirnagar University, Savar, Dhaka	Development of a simple and robust biosensor coupled isothermal amplification method for the rapid detection of uropathogenic bacteria	3.0 Lac
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### Bangladesh Atomic Energy Commission (BAEC), Dhaka

277.	30 MEDI:S	Dr. Md. Zahid Hasan Scientific Officer Md. Liakat Hossain Scientific Officer	Institute of Tissue Banking and Biomaterial Research (ITBBR), Atomic Energy Research Establishment (AERE), Ganakbari, Savar, Dhaka	Preparation and Characterization of Scaffold: Bio-engineering of Bone Tissue for Clinical Use	3.0 Lac
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### National Institute of Biotechnology (NIB), Dhaka

278.	54 MEDI:S	Keshob Chandra Das Scientific Officer Md. Moniruzzaman Scientific Officer	Molecular Biotechnology Division, National Institute of Biotechnology (NIB), Ganakbari, Ashulia, Savar, Dhaka	Allele frequencies of HMGR gene SNPs: rs12654264 (A>T) and rs17238540 (T>G) in Bangladeshi population	3.0 Lac
279.	58 MEDI:S	Md. Salimullah Chief Scientific Officer Mohammad UzzalHossain Scientific Officer	Molecular Biotechnology Division, National Institute of Biotechnology (NIB), Ganakbari, Ashulia, Savar, Dhaka	Treating Diabetes Mellitus: Animal model experiment with natural and in-house designed compounds	5.0 Lac

### Environmental Science Group

#### University of Dhaka, Dhaka

SL. No.	Gr. SL.	Name of the Principal Investigator & Associate Investigator	Address of the Principle Investigator	Project Title	Recommended Grant Amount (Emount in Lakh)
280.	11 ES	Professor Dr. Mohammad Helal Uddin Ahmed Dr. Rabeya Sultana Associate Professor	Department of Management and Information Systems, Room No 1002, MBA Bhaban, Faculty of Business Studies, University of Dhaka, Dhaka	The Potential of Grid-tied Solar PV Panels in Bangladesh: A Study of Possible Roads towards Future Policies	2.0 Lac
281.	30 ES	Professor Dr Mohammad Shoeb Md. Kamrul Hasan Lecturer	Department of Chemistry, University of Dhaka, Dhaka	Environmental Contaminants in Marine Ecosystems of the Bay of Bengal	4.0 Lac
282.	31 ES	Professor Dr. Zakia Parveen Sayma Khanom Assistant Professor	Department of Soil, Water and Environment, Dhaka University, Dhaka	Air Quality Monitoring and Environmental Pollution in Brick-making Operations	4.0 Lac
283.	32 ES	Professor Dr Subrota Kumar Saha Professor Dr Md Hussain Monsur	Department of Geology, University of Dhaka, Dhaka	The use of foraminifera as indicators of tidal effects in estuarine deposits in Sundarbans regions, Bangladesh	4.5 Lac
284.	55 ES	Dr. Md. Monirul Islam Associate Professor Dr. Md. Habibullah-Al-Mamun Lecturer	Department of Fisheries, University of Dhaka, Dhaka	Concentration of perfluoroalkyl acids (PFAAs) in inland water and fishes of Bangladesh and risk assessment	3.0 Lac
285.	57 ES	Professor Dr. Sayed Md. Shamsuddin Shaikat Chandra Dey Lecturer	Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka	Development of Novel Ternary Composite Photocatalyst for Effective Degradation of Textile Dyes	3.0 Lac
286.	58 ES	Professor Md. Aziz Hasan PhD Md. Jahangir Alam Assistant Professor	Department of Geology, Faculty of Earth and Environmental Sciences, University of Dhaka, Dhaka	Delineation of very shallow aquifers in saline prone Galachipa Upazila, Patuakhali District- An approach for probable source of fresh groundwater	4.0 Lac
287.	59 ES	Professor Kazi Matin Uddin Ahmed Md. Mahfuzur Rahman Khan Lecturer	Department of Geology, Faculty of Earth and Environmental Sciences, University of Dhaka, Dhaka	Sustainable management of freshwater resources in St. Martin's Island, Bangladesh	4.0 Lac
288.	60 ES	Professor Dr. Anowara Begum Professor Humaira Akhter	Department of Microbiology, University of Dhaka, Dhaka	Diversity of oil degrading bacteria from oil contaminated soil in	3.0 Lac

				Bangladesh	
289.	61 ES	Professor Dr. Shahid Akhter Hossain Dr. Muhammad Nurul Huda Postdoctoral fellow	Centre for Advanced Research in Sciences (CARS), University of Dhaka, Dhaka	Assay of Chemical Components in Particulate Matter in the Air around Dhaka University Campus	3.0 Lac
290.	62 ES	Professor Md Zakir Hossain Howlader, Ph.D. Dr. Sajib Chakraborty Assistant Professor	Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka	Rice bran stabilization and its effects on the content of nutrients and anti-nutrients: Exploring the possibilities to improve the utility of rice bran as a functional food	3.0 Lac
291.	65 ES	Professor Dr. Mohammed Almujaaddade Alfasane Md. Miraj Kobad Chowdhury Associate Professor	Department of Botany, University of Dhaka, Dhaka	Hydroecology and genetic diversity of dominant aquatic flora of Sangu River in Bandarban, Bangladesh	3.0 Lac
292.	71 ES	Dr. Md. Mizanur Rahaman Lecturer A S M Shamsul Arefin Lecturer	Department of Microbiology, University of Dhaka, Dhaka	Identification of novel antibiotics against multidrug resistant pathogenic bacteria from natural sources and microbial secondary metabolites	4.0 Lac
293.	72 ES	Dr. Mohammad Enayet Hossain Assistant Professor Professor Dr. Sirajul Hoque	Department of Water and Environment, University of Dhaka, Dhaka	Modeling Phosphate Sorption Indices and Soil Properties for Optimizing the Application of Phosphate Fertilizers	2.5 Lac
294.	73 ES	Dr. Md. Hasinur Rahaman Khan Paritosh Kumar Roy Assistant Professor	Institute of Statistical Research and Training, University of Dhaka, Dhaka	Change-point and Spatio-temporal Analysis of Climate Data in Bangladesh	3.0 Lac
295.	74 ES	Dr. Munawar Sultana Associate Professor Samina Momtaz Lecturer	Department of Microbiology, University of Dhaka, Dhaka	In Vitro Analysis of Destabilizing Influence of Antibiotics on Inorganic Arsenic (As) Transformations Mediated by Aquatic Microbial Communities	3.0 Lac
296.	78 ES	Professor Dr. Muhammad Qumrul Hassan Mohammad Saiful Islam Associate Professor	Department of Geology, University of Dhaka, Dhaka	Establish an Environmental baseline for Gazipur District using vulnerability mapping, geostatistics and modeling	3.0 Lac
297.	80 ES	Professor Mihir Lal Saha Tahsin Khan Lecturer	Department of Botany, University of Dhaka, Dhaka	Isolation and Screening of Indigenous Exopolysaccharide Producing Bacteria from the Soil Sample of Ratargul Swamp Forest	3.5 Lac

### Jahangirnagar University, Dhaka

298.	1 ES	Professor Dr. Kabirul Bashar Zaghlul Haider Iqbal Assistant Professor	Department of Zoology, Jahangirnagar University, Dhaka	Identification of potential breeding sources of Aedes vectors and factors regarding Chikungunya transmission in Bangladesh	3.0 Lac
299.	44 ES	Professor M. Hasibur Rahman Taslima Akter Assistant Professor	Department of Microbiology, Jahangirnagar University, Savar, Dhaka	Studies on the potential of Environmental Bacteria as a reservoir of antibiotic resistance genes, screening of possible antibiotic efflux mechanism, and the effect of efflux pump inhibitors on enhancing therapeutic efficiency of antibiotics	3.0 Lac
300.	53 ES	Professor Dr. Mahfuza Sharifa Sultana Mohammad Emadul Huda Associate Professor	Department of Environmental Sciences, Jahangirnagar University, Savar, Dhaka	Assessment of toxic metal and nutrient levels in fruit and vegetables of Bangladesh and its impact on health: Food safety analysis	3.0 Lac
301.	67 ES	Professor Dr. A.N.M. Fakhruddin Mohammed Jamal Uddin Associate Professor	Department of Environmental Sciences, Jahangirnagar University, Savar, Dhaka	Reduction of Health Hazards due to Water Borne Diseases in Disaster Prone Coastal Areas of Bangladesh using Solar Disinfection (SODIS) of Drinking Water	2.0 Lac
302.	68 ES	Dr. A. K. M. Rashidul Alam Associate Professor	Department of Environmental Sciences,	Evaluation of the effectiveness of ETP for	3.0 Lac

		Professor Mohammad Mafruhi Sattar	Jahangirnagar University, Savar, Dhaka	contaminant removal from pharmaceutical wastewater	
303.	69 ES	Professor Dr. Md. Khabir Uddin Abdul Kadir Ibne Kamal Associate Professor	Department of Environmental Sciences, Jahangirnagar University, Savar, Dhaka	Screening of Bacteria on the Basis of the pH, Temperature and Chemical Sensitivity for Degradation of Organic Pollutant in Wastewater	3.0 Lac
304.	70 ES	Professor Dr. Shafi Mohammad Tareq Md. Emdad Hossain Scientist	Department of Environmental Sciences, Jahangirnagar University, Savar, Dhaka	Characteristics and dynamics of dissolved organic matter and trace metals of the Ganges-Brahmaputra Rivers	3.0 Lac
305.	99 ES	Dr. Abdullah Mohammad Shohael Associate Professor Md. Sharif Hossain, PhD Assistant Professor	Department of Biotechnology & Genetic Engineering, Jahangirnagar University, Savar, Dhaka	Agrobacterium mediated transformation and expression of a vacuolar Na <sup>+</sup> /H <sup>+</sup> antiporter gene (AtNHX3) in fodder crops under salt stress in Bangladesh	2.0 Lac
306.	100 ES	Professor Dr. Fakhruddin Ali Ahmed Professor Dr. Sanzida Mubassara	Department of Botany, Jahangirnagar University, Savar, Dhaka	Macrofungi diversity in tengragiri reserve forest under patuakhali forest division of Bangladesh	2.0 Lac
307.	113 ES	Professor Dr. Rasheda Yasmin Shilpi Shamima Nasrin Jolly Assistant professor	Department of Botany, Jahangirnagar University, Savar, Dhaka	Isolation of Cellulose and Pectin Degrading Bacteria from Sawdust, Soil and Kitchen Waste and Determination of Their Cellulase and Pectinase Production Ability	3.0 Lac
308.	117 ES	Dr. Md. Nazrul Islam Associate Professor Professor Dr. M. Nazrul Islam	Department of Geography and Environment, Jahangirnagar University, Savar, Dhaka	Modeling of Seafood Production Techniques by Coupling MEC and EOPATH Models for Enhancing Food Security and Blue Economy in Bangladesh	3.0 Lac

#### University of Rajshahi, Rajshahi

309.	38 ES	Dr. Md. Salah Uddin Associate Professor Md. Akhtar-E-Ekram Assistant Professor	Department of Genetic Engineering and Biotechnology, University Rajshahi, Rajshahi	Treatment of dye contaminated Wastewaters by sewage grown bacterial strains obtained from savar Textile zone	3.0 Lac
310.	43 ES	Professor Dr. Md. Abul Kalam Azad Professor Md. Saiful Islam	Institute of Environmental Science, University of Rajshahi, Rajshahi	Pesticide Use Pattern in Vegetable Fields of Rajshahi Area and Its Impact on Human and Environment	3.0 Lac
311.	98 ES	Professor Dr. Mamunur Rashid Talukder Md. Mamunur Rashid Lecturer	Department of Applied Physics and Electronic Engineering, University of Rajshahi, Rajshahi	Textile and tannery waste water cleaning by ecofriendly plasma technology	2.5 Lac
312.	66 ES	Professor Dr. Md. Golam Mostafa Professor Dr. A.M.M. Himidul Haque	Department of Environmental Sciences, University of Rajshahi, Rajshahi	Environmental Impacts of Brick Kiln Emissions at some selected areas of Rajshahi and Gazipur Districts in Bangladesh	3.0 Lac

#### University of Chittagong, Chittagong

313.	13 ES	Professor Md. Danesh Miah Professor Jarin Akhter	Institute of Forestry And Environmental Sciences, South Campus, University of Chittagong, Chittagong	Offsetting Atmospheric Carbon By The Coastal Afforestation In Cox's Bazar Forest Division	3.0 Lac
314.	159 ES	Professor Dr. M. Al-Amin Dr. Mohammad Zahirul Haque Assistant Conservator of Forests	Institute Forestry and Environmental Science (IFESCU), University of Chittagong, Chittagong	An Evaluation and controlling measures for soil erosion in South East hilly regions (Chittagong and CHT) of Bangladesh	3.0 Lac

#### Khulna University, Khulna

315.	4 ES	Professor Dr. Md. Mujibor Rahman Professor Dr Dilip Kumar Datta	Environmental Science Discipline, Khulna University, Khulna	Land Zoning Through GIS and Remote Sensing Techniques for Sustainable Shrimp and Agriculture	2.0 Lac
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				Development in Southwest Bangladesh	
316.	10 ES	Professor Dr. Md. Atikul Islam Md. Ali Akber Assistant Professor	Environmental Science Discipline, Khulna University, Khulna	Development and characterization of renewable biofuel and fertilizer from macroalgae by thermochemical conversion	2.0 Lac

### Jagannath University, Dhaka

317.	119 ES	Professor Dr. Mallik Akram Hossain Asraf Uddin Lecturer	Department of Geography and Environment, Faculty of Life and Sciences, Jagannath University, Dhaka	Environmental and Economic Impact Assessment of Solar PV Systems in Bangladesh.	2.5 Lac
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### American International University-Bangladesh, Dhaka

318.	23 ES	Professor Dr. Md. Faruque Hossain Professor Dr. S. Mosaddeq Ahmed	Chemistry Laboratory, American International University-Bangladesh Campus 1 (7th Floor), H # 58/B, R # 21, Kemal Ataturk Avenue, Banani, Dhaka	Solid Waste Disposal and its Impact on Surrounding Environment of Matuail Landfill Site	4.0 Lac
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### Bangladesh Agricultural University, Mymensingh

319.	50 ES	Professor Dr. Khandakar Shariful Islam Professor Dr. Mahbuba Jahan	Department of Entomology, Bangladesh Agricultural University, Mymensingh	Consequence of Pesticide application on the Bee Biodiversity and Honey Production for Food Security	3.0 Lac
320.	134 ES	Professor Dr. A. K. M. Ahsan Kabir Professor Dr. Md. Mukhlsur Rahman	Department of Animal Science, Bangladesh Agricultural University, Mymensingh	Investigation of Agricultural Organic Waste for Industrially Applicable Biogas Production in Bangladesh	3.0 Lac
321.	151 ES	Professor Dr. Rehana Khatun Ayasha Akter Assistant Professor	Department of Environmental Science, Faculty of Agriculture, Bangladesh Agricultural University, Mymensingh	Recycling waste materials in agricultural field – effects on accumulation and translocation of heavy metals in soil and crop, nutrient uptake efficiency and greenhouse gas emission	3.0 Lac

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

322.	28 ES	Dr. Md. Manjurul Haque Associate Professor Dr. Moinul Hosain Oliver Associate Professor	Department of Environmental Science, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Bio-bleaching of azo dyes using bacterial biofilm consortia	3.0 Lac
323.	41 ES	Professor Dr. Md. Azizul Hoque Sultan Mahmud Assistant Professor	Department of Horticulture, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Salna, Gazipur	Validation and selection of tolerant vegetable varieties in selected drought prone charlands of Mymensingh district	3.0 Lac
324.	83 ES	Professor Dr. Md. Abiar Rahman Professor Dr. Satya Ranjan Saha	Department of Agroforestry and Environment, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur	Identify the critical endurance limit of Gliricidia sepiumtree towards salinity, drought and waterlogging stress	3.0 Lac
325.	114 ES	Dr. Md. Golam Haider Associate Professor Dr. Sheikh Arafatur Rahman Lecturer	Department of Pathobiology, Faculty of Veterinary Medicine and Animal Science, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur	Effects of climate change on the layer farms in Bangladesh	2.0 Lac
326.	115 ES	Professor Dr. Md. Rafiqul Islam Professor Md. Nasimul Bari	Department of Agronomy, Bangabandhu Sheikh Mujibur Rahman Agricultural University	Development of future strategies for increasing agricultural productivity under changing	2.0 Lac

			(BSMRAU) Gazipur	agroecosystems in the coastal area of Bangladesh	
327.	140 ES	Hasan Muhammad Abdullah Assistant Professor Professor Tofayel Ahamed	Department of Agroforestry and Environment, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur.	Geoinformatics for social forestry coverage estimation in Bangladesh	2.0 Lac

#### Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur

328.	15 ES	Dr. Ranjit Sen Senior Scientific Officer Dr. Sohela Akhter Principal Scientific Officer	Soil Science Division, Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur	Impact of bio-slurry in improving soil fertility and vegetable productivity	3.0 Lac
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#### Sher-e-Bangla Agricultural University (SAU), Dhaka

329.	148 ES	Dr. Ferzana Islam Associate Professor Md. Shahariar Jaman Assistant Professor	Department of Agroforestry and Environmental Science, Sher-e Bangla Agricultural University, Dhaka	Carbon Sequestration Potential in Above Ground Vegetation and Soil at Different Greenery Area in Dhaka City	3.0 Lac
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#### Sylhet Agricultural University, Sylhet

330.	26 ES	Dr. Md. Motaher Hossain Associate Professor Debarshi Bhattacharjee Lecturer	Department of Fisheries Technology and Quality Control, Sylhet Agricultural University, Sylhet	Seasonal Variation of Water Quality and Bacteriological Contamination of Selected Fishes of Surma River in Sylhet	2.0 Lac
331.	84 ES	Mohammad Samiul Ahsan Talucder Associate Professor Dr. Md. Sharaf Uddin Associate Professor	Department of Agroforestry & Environmental Science, Sylhet Agricultural University, Sylhet	Methane and nitrous oxide emission status and mitigation options from rice paddy in Sylhet region	2.0 Lac

#### Shahjalal University of Science and Technology (SUST), Sylhet

332.	20 ES	Professor Dr. Romel Ahmed Swapan Kumar Sarker Associate Professor	Department of Forestry and environmental Science, Shahjalal University of Science and Technology, Sylhet	Effect of Phenolic allelochemicals released by Eucalyptus camaldulensis on the growth, nodulation and macromolecule content of two agricultural legume crops	3.0 Lac
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#### Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur

333.	92 ES	Professor Dr. S.M. Emdadul Hassan Professor Dr. Sk. Md. Mobarak Hossain	Department of Plant Pathology, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur	Prevalence and management of some diseases of mango and their epidemiology in Mymensingh, Dinajpur, Thakurgaon and Panchagarh region	3.0 Lac
334.	94 ES	Professor Dr. Md. Jahidul Islam Md. Shazadur Rahman Lecturer	Department of Agricultural Chemistry, Faculty of Agriculture, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur	Assessing surface water quality with changing climate in northern Bangladesh	2.0 Lac
335.	129 ES	Professor Dr. Shreef Mahmood Professor Talukdar Mohammad Tauhidul Iqbal	Department of Horticulture, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur	The effects of brick kiln emissions on biochemical characteristics of mango in Dinajpur	2.0 Lac
336.	132 ES	Professor Dr. Md. Shafiqul Islam Sikdar Most. Mohoshena Aktar	Department of Agronomy, Hajee Mohammad Danesh Science and Technology	Salinity stress in maize genotypes: Morpho-physiological, and Molecular	2.0 Lac

		Assistant Professor	University, Dinajpur	Characterization	
337.	133 ES	Professor Dr. Md Shafiqul Bari Md. Hafiz All Amin Assistant Professor	Department of Agroforestry and Environment, Hajee Mohammad Danesh Science and Technology University, Dinajpur	Studies on the Impact of Barapukuria Coal Field of Dinajpur District on the nearby ecosystem and livelihood of the rural communities	2.0 Lac
338.	144 ES	Professor Dr. Rashid Md. Mamunur Muhammad Abdul Munnaf Lecturer	Plant pathology, Hajee Mohammad Danesh Science and Technology University, Dinajpur	Survey in danger of industrial emission and its injury mechanism on rice growth and reproduction in the Dinajpur region of Bangladesh	2.0 Lac

#### Noakhali Science and Technology University (NSTU), Noakhali

339.	118 ES	Md. Saiful Alam Assistant Professor Md. Azizul Haque Lecturer	Department of Applied Chemistry and Chemical Engineering, Noakhali Science and Technology University	Synthesis, Characterization and Application of metal oxide- metal oxide core-shell nanocomposite particles in the field of waste water treatment	3.0 Lac
340.	121 ES	Firoz Ahmed, Phd Associate Professor Farzana Ehetasum Hossain Lecturer	Department of Microbiology, Noakhali Science and Technology University, Noakhali	Prevalence of multidrug resistant bacteria in poultry and its indigenous biocontrol approach by probiotic technology	3.0 Lac

#### Patuakhali Science and Technology University, Dumki, Patuakhali

341.	49 ES	Professor Zehad Pervez Professor Md. Shahidul Islam	Department of Plant Pathology, Patuakhali Science and Technology University, Dumki, Patuakhali	Integrated management of mycoflora associated with the substrate of oyster mushroom ( <i>Pleurotus ostreatus</i> )	2.0 Lac
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#### Mawlana Bhashani Science and Technology University, Santosh, Tangail

342.	12 ES	Professor Dr. Md. Sirajul Islam Nowara Tamanna Meghla Assistant Professor	Department of Environmental Science and Resource Management, Mawlana Bhashani Science and Technology University, Santosh, Tangail	Heavy Metal Dynacics in Commercially Important Marine Fishes from the Bay of Bengal Coast of Bangladesh and Its Effects of Food Safety Measures.	3.0 Lac
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#### Jessore University of Science and Technology, Jessore

343.	9 ES	Dr. Md. Iqbal Kabir Jahid Associate Professor Pravas Chandra Roy Assistant Professor	Department of Microbiology, Jessore University of Science and Technology, Jessore	Climate resilience by carbon dioxide sequestration using novel sustainable technology of microalgae and chemolithotropic bacteria	2.0 Lac
344.	19 ES	Dr. Md. Wasikur Rahman Associate Professor Most. Sheauly Khatun Assistant Professor	Department of Chemical Engineering, Jessore University of Science and Technology, Jessore	3rd Generation Hydrogen Fuel Car: An Improvement in Hydrogen Storage Properties of MgH <sub>2</sub> by Jute Waste Based Activated Carbon Supported Low Cost Alkali Hydroxides	3.0 Lac
345.	97 ES	Shaibur Rahman Molla, Phd Associate Professor Tusar Kumar Das Lecturer	Environmental Science & Technology, Jessore University of Science & Technology, Jessore	Salinity Intrusion & Agricultural Adaptation in South-West Coastal Region of Bangladesh	3.0 Lac

#### Bangladesh Atomic Energy Commission (BAEC), Dhaka

346.	102 ES	Md. Masud Karim Senior Scientific Officer Md. Abdul Quaiyum Bhuiyan Scientific Officer	Institute of Nuclear Science and Technology, Bangladesh Atomic Energy Commission (BAEC), Paramanu Bhaban, E-12/A, Agargaon, Sher-e- Bangla Nagar, Dhaka	Application of Isotopic Techniques in Groundwater Resource Assessment of South Western Coastal Area of Bangladesh	3.0 Lac
347.	47 ES	Farah Deebe Senior Geologist	Institute of Nuclear Minerals, Atomic Energy	Hydrogeological and environmental radiological	3.0 Lac

		Mohammad Zafrul Kabir Principal Geologist	Research Establishment (AERE), Ganakbari, Ashulia, Savar, Dhaka	assessment by radon detection and radioactivity measurement in soil, sediment and groundwater samples at the coastal areas of Bangladesh	
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### Bangladesh Council of Scientific and Industrial Research, Dr. Qudrat-I-Khuda Road, Dhaka

348.	103 ES	Dr. Sonjida Mustafi Senior Scientific Officer Sharmin Sultana Scientific Officer	Ceramic Research Division, IGCRT, Bangladesh Council of Scientific and Industrial Research, Dr. Qudrat-I-Khuda Road, Dhaka	Utilization of Ceramic Waste Materials of Bangladesh Insulator and Sanitary ware Factory (BISF) to produce low cost ceramic tiles and bricks	3.0 Lac
349.	104 ES	Dr. Shahin Aziz Senior Scientific Officer Dr. Most. Hosney Ara Begum Principal Scientific Officer	Industrial Chemical Section Chemical Research Division, Bangladesh Council of Scientific and Industrial Research, Dr. Qudrat-I-Khuda Road, Dhanmondi, Dhaka	Development of analytical method for Utilization of waste materials (cotton seeds) in Food industry and in Agricultural sector	2.0 Lac

### NGO

350.	87 ES	Professor Dr. Md. Suhrah Ali Md. Habibur Rahaman Mian President	Kalyan Technology Foundation Bangladesh (KTFB), 36/1, Ahmedbag, Bashaboo, Sabujbag, Dhaka	Management of arsenicosis patients with "Seya Bangla Drink+", a locally invented cow's milk substitute in combination with minerals, vitamins and selenium	2.0 Lac
351.	90 ES	Dr. Md. Shamsur Rahman Director Dr. Md. Ainuddin Shakh Deputy Chief Scientific Officer Md. Abdus Samad Executive Director	S B Welfare Trust, Baghbari Road, Jamgora, Ashulia, Dhaka	Increasing Productivity and Exportability in the Agricultural Sector through Soil and Water Management and Environmental Effects on Food Safety	2.0 Lac
352.	101 ES	Dr. Md. Towhidul Islam Research Coordinator Md. Zakaria M. Manjur Kadir Executive Director	Sheba Manab Kallyan Kendra (SMKK), Dashani, Bagerhat Sadar, District: Bagerhat	Quality and Safe Bean production in controlling Black Bean Aphid using Botanical extracts	2.0 Lac
353.	107 ES	Dr. Faruque Ahmed Principal Investigator (Bandhan) Md. Moniruzzaman Mridha Associate Investigator (Bandhan) Kabir Uddin Ahmad Chairman	Safe Life, 133-134 Ahmedbag, Bashabo, Dhaka	Arsenic contamination with Water, Soil and Food Chain at highly effect to human body of Arsenic endemic areas in Bangladesh	2.0 Lac

### Engeneering and Applied Science Group

SL. No.	Gr. SL.	Name of the Principal Investigator & Associate Investigator	Address of the Principle Investigator	Project Title	Recommended Grant Amount (Emount in Lakh)
354.	2 EAS	Professor Md. Akhtarul Islam Professor Dr. Mohammed Mastabur Rahman	Department of Chemical Engineering and Polymer Science (CEP), Center for Environmental Process Engineering (CEPE), Shahjalal University of Science and Technology (SUST), Sunamgonj Road, Kumargaon Sylhet	Rheological Behavior of Jute Fiber Reinforced Polyolefin Composite	2.0 Lac
355.	4 EAS	Professor Dr. Md. Toufiq Iqbal Dr. Md. Halim Mahmud Bhuyan Lecturer	Department of Agronomy & Agricultural Extension, University of Rajshahi Rajshahi	A systematic approach to exploit biochar for improving yield of wheat in Bangladesh	3.0 Lac
356.	5 EAS	Professor Dr. A. R. M. Jalal Uddin Jamali Rafiqul Islam	Department of Mathematics Khulna University of Engineering and	Reducing computation time in optimal Latin Hypercube experimental design – A new	2.0 Lac

		Assistant Professor	Technology(KUET), Khulna	way of distance allocation for distances problems	
357.	6 EAS	Professor Dr. Engr. Mahmud Akhter Shareef Professor Dr. JasimUddin Ahmed	Department of Management, and Research Coordinator, School of Business& Economics, North South University, Bashundhara, Dhaka	Interoperability for Emergency Disaster: Supply Chain, Innovation, and Technology Management for Bangladesh	2.0 Lac
358.	8 EAS	Professor Dr. Md. Ibrahim H. Mondal Professor Dr. Ahsan Habib	Dept. of Applied Chemistry & Chemical Engineering, Rajshahi University, Rajshahi	Synthesis and characterization of biocompatible hydrogels from cellulosic waste of textile and garment industry	3.0 Lac
359.	10 EAS	Professor Dr. Mohd. Maniruzzaman Professor Md. Minhaz-Ul Haque	Dept. of Applied Chemistry & Chemical Engineering, Islamic University, Kushtia	Fabrication of Nano Filter by Banana Rachis Nano-Cellulose and Clay Composites for Industrial Waste Water Purification	4.0 Lac
360.	12 EAS	Professor Dr. Muhammed Yusuf Miah Md. Shafiul Islam Assistant Professor	Department of Applied Chemistry and Chemical Engineering, Noakhali Science and Technology University, Sonapur, Noakhali	Method development for the removal of toxic heavy metals (Chromium, Lead) from tannery wastes for public health safety	3.0 Lac
361.	13 EAS	Dr. Md. Jahangir Alam Associate Professor Md. Mozibur Rahman Assistant Professor	Department of Agronomy & Agricultural Extension, Rajshahi University, Rajshahi	Development of Nanoparticles Mediated Smart Fertilizer for Crop Production	2.0 Lac
362.	14 EAS	Professor Dr.Sayed M A Salam Dr. Md. AnwarulKarim Assistant Professor	Department of Applied Chemistry and Chemical Engineering, University of Rajshahi, Rajshahi	Bio-Adsorbent for Safe Water	2.0 Lac
363.	15 EAS	Professor Dr. Md. Tamez Uddin Dr. Md. Mostafizur Rahman Assistant Professor	Department of Chemical Engineering and Polymer Science, Shahjalal University of Science and technology, Sylhet	Development of Heterostructure Photocatalysts for Enhanced Photocatalytic Degradation of Organic Pollutants from Aqueous Solution	2.0 Lac
364.	17 EAS	Professor Dr. Mohamad Iqbal Dr. M. Farhad Howladar Associate Professor	Department of Industrial and Production Engineering, Shahjalal University of Science and Technology, Sylhet	A study on present energy scenarios and future alternative energy sources in Bangladesh	3.0 Lac
365.	18 EAS	Dr. Md. Shofiqul Islam Associate Professor Md Ashraf Hussain, Assistant Professor	Department of Petroleum and Mining Engineering, Shahjalal University of Science and Technology, Sylhet	Assessment of Economic importance and Environmental degradation due to extraction of Boulder from Bichhanakandi area of Goyainghat, Sylhet	2.0 Lac
366.	19 EAS	Professor Dr. Mohammad Abu Yousuf Dr. Md. Maniruzzaman Assistant Professor	Department of Chemistry, Khulna University of Engineering & Technology, Khulna	Novel gel materials with enhanced properties for environment, medical and engineering applications	2.0 Lac
367.	20 EAS	Md. Ferdous Rahman Head and Assistant Professor Joarder Jafer Sadique Lecturer	Department of Electronics and Telecommunication Engineering, Begum Rokeya University, Rangpur	Fabrication of Silicon Nanocrystal from the Sand of Padma River and Its Application in Solar Energy Harvesting	2.0 Lac
368.	21 EAS	Professor Dr. Md. Monjarul Alam Md. Abdul Momin Associate Professor	Department of Applied Physics, Electronics and communication Engineering, Islamic University, Kushtia	Synthesis and Characterization of Copper Selenide Quantum Dots (QDs)	3.0 Lac
369.	24 EAS	Md. Abdur Rafiq Akand Senior Scientific Officer Mohammad Khairul Basher Scientific Officer	Solar Cell Fabrication & Research Division, Institute of Electronics, Atomic Energy Research Establishment, Ganakbari,	Development of a Low Contact Resistance Method for Surface Metallization and its application of High Efficiency Silicon Solar Cells	2.0 Lac



			Savar, Dhaka		
370.	25 EAS	Professor Dr. Md. Hafezur Rahaman Mst. Ayesha Akther Zaman Associate Professor	Department of Applied Chemistry, & Chemical Engineering, Islamic University, Kushtia	Preparation and Characterization of Poly ( <i>L</i> -lactic acid) and Oligo( <i>D</i> -lactic acid) Grafted Cellulose Composite	2.0 Lac
371.	30 EAS	Professor Md. Abdul Quaiyyum Professor Md Mainul Karim, PhD	Department of Applied Chemistry and Chemical Engineering, Dhaka University, Dhaka	Production of wood adhesive from spent liquor lignin	4.0 Lac
372.	31 EAS	Professor Mohammed Mizanur Rahman Md. Sazedul Islam Lecturer	Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka	Development of eco-friendly pretreatment of cotton fabric for sustainable textile production	5.0 Lac
373.	32 EAS	Professor Dr. Mohammad Kamruzzaman Professor Dr. Ashequl Alam Rana	Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka	Synthesis and characterization of azo-phenol based antioxidants for base oil and reclaimed lubricating oil	4.0 Lac
374.	33 EAS	Professor Dr. Md. Zahangir Alam Md. Shirajur Rahman Lecturer	Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka	Development of Chitosan Treated Antimicrobial Medical Textiles	4.0 Lac
375.	36 EAS	Professor Dr. Md. Ashaduzzaman Professor Dipti Saha	Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka	A facile approach to the synthesis of reduced graphene oxide and its biological applications	4.0 Lac
376.	37 EAS	Dr. Md. Shafiqul Islam Associate Professor Dr. ASM Ali Ashraf Associate Professor	Department of Nuclear Engineering, University of Dhaka, Dhaka	The Potential of Nuclear Power for Clean Energy and Sustainable Development: A Case Study of Bangladesh	2.0 Lac
377.	39 EAS	Dr. Daeed Mahmud Ullah Associate Professor Dr. Mohammad Junaebur Rashid Associate Professor	Department of Electrical and Electronic Engineering, University of Dhaka, Dhaka	Growth parameter optimization of chemically deposited CdS and ZnS buffer layer for thin film solar cell	3.0 Lac
378.	41 EAS	Dr.Md. Shahinoor Islam Assistant Professor Dr. Md. Easir Arafat Khan Assistant Professor	Department of Chemical Engineering, Bangladesh University of Engineering & Technology (BUET), Dhaka	UV-TiO <sub>2</sub> Photocatalytic Treatment of Textile Wastewater: An Innovative Approach towards Sustainable Environmental Management	3.0 Lac
379.	42 EAS	Professor Dr. Mohammad Amir Hossain Bhuiyan Muhammad Rezaul Rakib Lecturer	Department of Environmental Sciences, Jahangirnagar University, Savar, Dhaka	Determination of contaminant migration in shallow, intermediate and deep aquifer of Dhaka City	2.0 Lac
380.	43 EAS	Papia Haque Associate Professor Md. Minhajul Islam Lecturer	Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka	Syngas production from the kitchen waste of a residential hall (Kabi Sufia Kamal Hall) of University of Dhaka	4.0 Lac
381.	44 EAS	Dr. Md. Zakir Sultan Principal Scientist Asma Rahman Senior Scientist	Centre for Advanced Research in Sciences (CARS), University of Dhaka, Dhaka	Isolation of Compound(S) Active Against Chikungunya Virus From Bangladeshi Medicinal Plant(S)	3.0 Lac
382.	46 EAS	Dr. Mohammad Ismail Assistant Professor Professor Dr. Md. Nurnabi	Department of Applied Chemistry and Chemical Engineering, University of Dhaka, Dhaka	Synthesis and Evaluation of Novel Oxygen Carriers for Carbon-di-oxide Capture and Hydrogen Production in Power Plant	4.0 Lac
383.	47 EAS	Amal Kanti Deb Lecturer Uttam Kumar Roy Assistant Professor	Department of Footwear Engineering, Institute of Leather Engineering & Technology, University of Dhaka, Dhaka	Extraction of Natural Lac Dye for Leather Dyeing and its Economic & Industrial Viability	2.0 Lac
384.	48 EAS	Md. Farhad Ali Assistant Professor Md. Abu Sayid Mia	Institute of Leather Engineering & Technology, University of Dhaka, Dhaka	Factors and Economic Loss for Rejection of Leather in Bangladesh	2.0 Lac

		Lecturer			
385.	49 EAS	Professor Dr. Mohammad Ferdows Professor Dr. Md. Zavid Iqbal	Department of Applied Mathematics, University of Dhaka, Dhaka	Development of Mathematical models for convective heat transfer of Carbon Nanotubes in a nanofluid saturated porous medium: Enhanced thermal conductivity of Water-Kerosene and Engine oil based Carbon Nanotubes	3.0 Lac
386.	50 EAS	Md. Abdul Matin Mondal Member of Board of Governors Professor Dr.Md.Kamrul Alam Khan	National Oceanographic And Maritime Institute (NOAMI), Eastern Plaza (9 <sup>th</sup> Floor), Sonargoan Road, Dhaka	A Study on Electricity Generation from Ocean Seaweed for Practical Utilization along the Coastal Belt of Bangladesh	2.0 Lac
387.	51 EAS	Professor Dr. Md. Shamsul Alam Gazi Md. Arifuzzaman Khan Associate Professor	Department of Applied Chemistry& Chemical Engineering, Islamic University, Kushtia	Preparation and characterization of cellulose/ag nanocomposite and its effect on the properties of pva hydrogel	2.0 Lac
388.	52 EAS	Professor Dr. Shaikh Md. Mominul Alam Professor Shilpi Akter	Laboratories at Bangladesh University of Textiles, Dhaka	Promoting blood clotting by using micania micrantha on textiles	2.0 Lac
389.	53 EAS	Professor Dr. Md. Ayub Ali Farhana Rashid Assistant Professor	Department of Mathematics, Jagannath University, 9-10, Chittaranjan Avenue, Dhaka	Mathematical Modeling for Earthquake Resistant/ Sustainable Infrastructure Design: Feasibility Study of using locally available Resource & Technology for Residential and Commercial space design in Urban/Semi-Urban/Rural setting in Bangladesh context.	2.0 Lac
390.	54 EAS	Dr. Mohammad Abu Yousuf Associate Professor Risala Tasin Khan Associate Professor	Institute of Information Technology (IIT), Jahangirnagar University, Savar Dhaka	Renewable Energy Technology (Solar) Lift: Feasibility Study of Roof-Top Solar Renewable Technology Supported Passenger-Elevator/Cargo-Lift (with/without Grid-Electricity) in Urban/Semi-Urban/Rural setting for Residential (passenger) and Commercial (cargo) use in Bangladesh Context.	2.0 Lac
391.	58 EAS	Dr. Md. Hasnat Kabir Associate Professor Dr. Aurangzib Md. Abdur Rahman Associate Professor	Department of Information and Communication Engineering, University of Rajshahi	A fused deposition modeling 3d printer using local resources	2.0 Lac
392.	65 EAS	Dr. Syed Md. Galib Associate Professor Moinul Islam Sayed Lecturer	Department of Computer Science and Information Technology, Patuakhali Science and Technology University, Dumki, Patuakhali	Potential use of Biochar to mitigate salt stresses for sustainable agricultural production in the coastal region of Bangladesh	2.0 Lac
393.	66 EAS	Dr Muhammad Tarik Arafat Assistant Professor Dr Mohidus Samad Khan Assistant Professor	Department of Biomedical Engineering (BME), Bangladesh University of Engineering and Technology (BUET), Dhaka	Development of Antibacterial Electrospun Cellulose-Chitosan Nanofiber as Burn Dressing	5.0 Lac
394.	68 EAS	Md. Sarwar Jahan Chief Scientific Officer Md. Nashir Uddin Scientific Officer	Pulp and Paper Research Division, Bangladesh Council of Scientific and Industrial Research, Dr. Qudrat-I-Khuda Road, Dhaka	Production of rayon grade pulp from jute cutting and caddis	3.0 Lac
395.	69 EAS	Dr. Newaz Mohammed Bahadur Associate Professor Md. Tanvir Hossain Assistant Professor	Department of Applied Chemistry and Chemical Engineering, Noakhali Science and	Fabrication of Novel CeO <sub>2</sub> -TiO <sub>2</sub> Core-Shell Nanocomposite Particles Using Ultrasonic Method	4.0 Lac

			Technology University, Noakhali	Leads to Excellent UV-shielding Ability and Lower Catalytic Activity	
396.	70 EAS	Md. Rafiqul Islam Assistant Professor Nahid Sultana Lecturer	Department of Applied Chemistry and Chemical Engineering, Noakhali Science and Technology University, Noakhali	Ultrasonic synthesis, characterization and application of ZnO-TiO <sub>2</sub> nanocomposites particles	2.0 Lac
397.	71 EAS	Professor Dr. Most. Nasrin Akhter Md. Nur Hossain Lecturer	Department of Mathematics, Dhaka University of Engineering and Technology, Gazipur	Simulation of Urban Canyon Pollution Dispersion Densely Populated Areas of Dhaka and Gazipur	2.0 Lac
398.	72 EAS	Dr. Mohammad Mahbubur Rahman Associate Professor Dr. Bishwajit Saha Associate Professor	Department of Physics and EEE, International University of Business Agriculture and Technology, Dhaka	Carbon di Oxide (CO <sub>2</sub> ) Free Cooking System for Home and Business Applications	2.0 Lac
399.	75 EAS	Muhammad Mustagis Billah Associate Professor Machbah Uddin Lecturer	Department of computer science and mathematics, Bangladesh Agricultural University, Mymensingh	SMS Based Water Quality Monitoring System for Fish Farming in Bangladesh	2.0 Lac
400.	76 EAS	Dr. Litan Kumar Saha Assistant Professor Dr. Nepal Chandra Roy Assistant Professor	Department of Applied Mathematics, University of Dhaka, Dhaka	Simulation of Convective Flow in a Channel Containing Multiple Obstacles over Backward and Forward Facing Steps by LBM	2.0 Lac
401.	77 EAS	Mohammed Kamruzzaman Associate Professor Mr. Md. Ahmadul Islam Lecturer	Department of Food Technology and Rural Industries, Bangladesh Agricultural University, Mymensingh	Spectroscopic and smartphone based imaging technique for grading and quality inspection of potato	2.0 Lac
402.	78 EAS	Professor Dr. Murshed Alam Professor Dr. Ehsanul Kabir	Department of Farm Power And Machinery (DFPM), Bangladesh Agricultural University (BAU) Mymensingh	Design and Development of a Machine for Direct Seeding and Applying Prilled and Granular Urea into Root Zone Soil to Increase Rice Yield and Reduce Soil Pollution	2.0 Lac
403.	80 EAS	Dr. Ruhul Amin Khan Principal Scientific Officer Md. Khalid Hossain Scientific Officer	Institute of Radiation and Polymer Technology (IRPT), Atomic Energy Research Establishment (AERE), Savar, Dhaka	Development of Remote Control Electronic Device for Measuring and Visual Monitoring of Radiation Doses for High Radioactive Gamma Source	3.0 Lac
404.	87 EAS 19 Phy's	Dr. Mohammad Mizanur Rahman Principal Scientific Officer Dr. Nusrat Jahan Principal Scientific Officer	Institute of Energy Science (IES), Atomic Energy Research Establishment (AERE), Ganakbari, Savar, Dhaka	Fission Product Inventory and Atmospheric Dispersion of Radioactive Materials for VVER-1200 Nuclear Power Plant	2.0 Lac

## Inter-Disciplinary Group

SL. No.	Gr. SL.	Name of the Principal Investigator & Associate Investigator	Address of the Principle Investigator	Project Title	Recommended Grant Amount (Emount in Lakh)
405.	1 ID	Professor Dr. A.A. Ziauddin Ahmad A.K.M. Shahidul Hasan Board Member	National Oceanographic and Maritime Institute (NOAMI), 10/8, Eastern Palaza, 9 <sup>th</sup> Floor, Soanrgaon Road, Hitirpool, Dhaka	Fourteenth Training Course on Oceanography: Principles and Applications	6.0 Lac
406.	2 ID	Professor Dr. A.K.M.Faruk-E-Azam Abdullah-Al-Zabir Lecturer	Department of Agricultural Chemistry, Patuakhali Science and Technology University, Dumki, Patuakhali	The changes in chemical properties of flora at increasing salinity in the sundarbans mangrove forest	3.0 Lac
407.	3 ID	Professor Dr. Md. Ashabul Hoque Abdul Malek Assistant Professor	Department of Mathematics, University of Rajshahi, Rajshahi	Flow of Single Red Blood Cell in the Stenosed Capillaries	2.5 Lac
408.	4 ID	Dr. Muhammad Akram Uzzaman Associate Professor Md. Shaheen Mollah Assistant Professor	Department of Psychology, Jagannath University, Dhaka	Mental health status of hazardous and non-hazardous child labor of urban and rural area	2.0 Lac
409.	5 ID	Dr. Suman Chandra Mohanta Assistant Professor Sagar Pande Lecturer	Department of Chemistry, Jessore University of Science and Technology, Jessore	Magnetic nanoparticles: Synthesis, Stabilization, Tuning Properties and Computational Analysis	2.0 Lac
410.	6 ID	Professor Dr. Md. Delwer Hossain Dr. Dil Afroza Khanom Assistant Professor	Department of Fisheries, Rajshahi University, Rajshahi	Efficacy of probiotics in improving water quality and growth performance in Pangas ( <i>Pangasius hypophthalmus</i> ) poly culture pond	2.0 Lac
411.	10 ID	Ronok Zahan Assistant Professor Dr. Tarannum Naz Associate Professor	Department of Pharmacy, Level 3, 4th Science Building, University of Rajshahi, Rajshahi	Synthesis and characterization of some metal complexes of NS donor ligands and study of their antimicrobial activities using TLC bioautography and MTT microdilution assay	2.0 Lac
412.	11 ID	Khandaker Md. Khalid-Bin-Ferdaus Assistant Professor Dr. Istiak Mahfuz Assistant Professor	Department of Genetic Engineering and Biotechnology, Level 4, 3rd Science Building, University of Rajshahi, Rajshahi	Production of an important commercial enzyme alpha amylase for use in textile industries in Bangladesh	2.0 Lac
413.	12 ID	Professor Dr. A. M. Shahidul Alam Mesbaus Salahin Assistant Professor	Department of Agronomy & Agricultural Extension, Rajshahi University, Rajshahi	Application of novel rgb colure codes model for real time nitrogen management and sustainable crop production in barind tract	3.0 Lac
414.	17 ID	Professor Dr. Md. Kawser Ahmed Md. Jobaer Alam Assistant Professor	Department of Oceanography, University of Dhaka, Dhaka	Distribution of Nutrients, chlorophyll-a along trace element content in eater and sediment damples in the Northern Bay of Bengal	2.0 Lac
415.	20 ID	Professor Dr. H. M. Mamun Satya Ranjan Sarker, PhD Assistant Professor	Department of Chemistry, Jahangirnagar University, Savar, Dhaka	Solvent-free eco-friendly syntheses of some important prenylpolyphenolics as antibiotic mimics and investigation of their therapeutic potential in experimental sepsis animal model	2.5 Lac
416.	22	Md Murshed Hasan Sarkar	Bangladesh Council of	Analysis of antibiotic	2.0 Lac

	ID	Scientific officer Amit Kumar Dey Research Chemist	Scientific and Industrial Research Laboratories, Binodpur bazar, Rajshahi	resistant bacterial evolution on antibiotic landscapes	
417.	23 ID	Ruhul Amin Scientific officer Lailatul Ferdousi Scientific officer	Bangladesh Council of Scientific and Industrial Research Laboratories, Binodpur bazar, Rajshahi	LCMS based profiling of medicinal plants used for improving digestion and analysis of potentially active anti-dyspeptic ingredients in animal model	2.0 Lac
418.	24 ID	Abu Kowsar Scientific officer Dr. Mst. Sarmina Yeasmin Senior Scientific officer	Bangladesh Council of Scientific and Industrial Research Laboratories, Binodpur bazar, Rajshahi	Development of a high efficiency solar cell <i>Simulator</i> for cost effective solar panel fabrication	2.0 Lac
419.	25 ID	Most. Hamida Khatun Scientific officer Khalide Hasan Parvej Research Chemist	Bangladesh Council of Scientific and Industrial Research Laboratories, Binodpur bazar, Rajshahi	Antimicrobial activity of plant mediated Green synthesized silver nanoparticles against antibiotic resistant food borne pathogens	2.0 Lac
420.	26 ID	Professor Dr. Md. Nurul Islam Professor Dr. Mohammad Zahidur Rahman	Department of Geography and Environment, Jahangirnagar University, Savar, Dhaka	Landslide Hazards in the Hill Tracts of Bangladesh: An analysis of Causes, Impact and mitigation strategies	3.5 Lac
421.	29 ID	Dr. Mohammad Osman Gani Associate Professor Professor Dr. Jesmin Akhter	Department of Mathematics, Jahangirnagar University, Savar, Dhaka	Investigation of the instability of nerve cell dynamics through mathematical modeling and simulation	2.0 Lac
422.	33 ID	Professor Dr. Md. Kausar Hossain Professor Dr. Md. Jahedur Rahman	Agroforestry & Environmental Science, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka	Adaptation to sustainable agroforestry practice during the early establishment period of Moringa plantation	2.0 Lac
423.	34 ID	Professor Dr. Md. Rostom Ali Tumpa Rani Sarker Lecturer	Department of Farm Power and Machinery, Bangladesh Agricultural University, Mymensingh	Investigation of Parboiling Time and Moisture Content for Quality Milling and Polishing of Rice	2.0 Lac
424.	38 ID	Professor Dr. KHM NazmulHussainNazir Professor Dr. Md. Ariful Islam	Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh	Pathogenic Bacteria and fungi associated with table eggs in super shops considering antibiogram, organoleptic properties, and public health significance	3.5 Lac
425.	39 ID	Professor Dr. Mohammad Saiful Islam Professor Dr. Md. Ekramul Hoque	Genetics and Plant Breeding, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka	Development of wheat genotypes for drought tolerance using combination of physiological and biochemical markers for food security and climate change	2.5 Lac
426.	40 ID	Professor Dr. Kazi Ahsan Habib A. M. Shahabuddin Associate Professor	Department of Fisheries Biology and Genetics, Sher- e-Bangla Agricultural University (SAU) Sher-e-Bangla Nagar, Dhaka	Genetic diversity and Population assessment of a heavily fished shark species <i>Rhizoprionodonacutus</i> (Milk Shark) of the Bay of Bengal using advanced bioinformatics tools	2.0 Lac
427.	41 ID	Professor Dr. Muhammad Tofazzal Hossain Professor Dr. Md. Alimul Islam	Department of Microbiology and Hygiene, Bangladesh Agricultural University, Mymensingh	Prevalence of human pathogenic <i>Vibrio</i> <i>parahaemolyticus</i> strains in shrimp farm areas of Bangladesh with their specific detection and differentiation by multiplex PCR	2.0 Lac

428.	42 ID	Professor Dr. Fatema Hoque Shikha Professor Dr. Md. Ismail Hossain	Department of Fisheries Technology, Bangladesh Agricultural University, Mymensingh	Studies on the Shelf life of Mustard Oil ( <i>Tenualosailisha</i> ) under Various Storage Conditions	2.0 Lac
429.	43 ID	Professor Dr. M. Ariful Islam Professor Dr. Md. Mahub Alam	Department of Medicine, Bangladesh Agricultural University, Mymensingh	Exploring Animal-based Indicators to Assess Dairy Cow Welfare and Public Health Hazards due to Mastitis	2.0 Lac
430.	44 ID	Professor Dr. Tuhin Suvra Roy Md. Sajedur Rahman Assistant Professor	Department of Agronomy, Sher-e-Bangla Agricultural University (SAU), Sher-e-Bangla Nagar, Dhaka	Supplementation of N, Zn and 2-ACETYL-1-pyrroline on yield and some biochemical traits of local aromatic-fine rice varieties in Bangladesh	2.0 Lac
431.	45 ID	Professor Dr. Md. Mufazzal Hossain Ashikur Rahman Assistant Professor	Department of Animal Nutrition, Genetics & Breeding, Sher-e-Bangla Agricultural University (SAU), Sher-e-Bangla Nagar, Dhaka	Chemical Assessment of Commercial Poultry and Dairy Feed Available in Dhaka Division and Performance at Farmers' Level	3.0 Lac
432.	46 ID	Dr. Mohammad Humayun Kabir Associate Professor Mohammad Shah Jahan Assistant Professor	Department of Horticulture, Sher-e-Bangla Agricultural University (SAU), Sher-e-Bangla Nagar, Dhaka	Seed priming with safe chemicals: Protocol development to induce salt tolerance in tomato Varieties	2.0 Lac

### Physical Science Group

SL. No.	Gr. SL.	Name of the Principal Investigator & Associate Investigator	Address of the Principle Investigator	Project Title	Recommended Grant Amount (Amount in Lakh)
433.	5 Phy's	Professor Dr. Hasan Ahmad Dr. Md. Ashraful Alam	Department of Chemistry, Rajshahi University, Rajshahi	Preparation of Biocompatible Nanocomposite Polymer Particles and Their Application Potential as Adsorbent for Wastewater Treatment and in Biotechnology	5.0 Lac
434.	6 Phy's	Dr. Md Abdur Razzaque Sarker Associate Professor Md. Ismail Hossain Assistant Professor	Department of Physics, University of Rajshahi, Rajshahi	Fabrication of high efficiency CdTe photovoltaic solar cells as renewable energy sources	4.0 Lac
435.	7 Phy's	Dr. Md. Roushoun Ali Associate Professor Professor Dr. Md. Tariqul Hasan	Department of Chemistry, University of Rajshahi, Rajshahi	Synthesis of Well-controlled Star-shaped Polymers and Investigation of Their Properties and Applications	3.0 Lac
436.	8 Phy's	Dr. Md. Abdul Mannan Chowdhury Chairman Professor Dr. Mohammad Obaidur Rahman	Department of Physics, Jahangirnagar University, Savar, Dhaka	Development of an Atmospheric Physics Laboratory to Predict Severe Weather Events using Weather Research and Forecasting (WRF) Model	3.0 Lac
437.	9 Phy's	Professor Dr. S. M. Abe Kawsar Professor Dr. Md. Kamrul Hossain	Department of Chemistry, University of Chittagong, Chittagong	Synthesis, Physicochemical and Evaluation of Antimicrobial & Anticancer Activities of Some D-Glucose Derivatives	4.0 Lac
438.	11 Phy's	Professor Dr. Mohammad Abul Hasnat Professor Dr. S M Saiful Islam	Department of Chemistry, Shahjalal University of Science and Technology, Sylhet	Optimization of the dispersion of gold and platinum nanoparticles pertaining to electrocatalytic As(III) oxidation and determination of total arsenic of different zones in Bangladesh	5.0 Lac
439.	13 Phy's	Professor Dr. Md. Abu Bin Hasan Susan Dr. Saika Ahmed Lecturer	Department of Chemistry, University of Dhaka, Dhaka	Designing Green Reaction Media based on Binary Mixtures of Ionic Liquids: Combining Experiments and Quantum Chemical Computations	7.0 Lac

440.	15 Phy's	Professor Dr. Tapashi Ghosh Roy Professor Dr. Debashis Palit	Department of Chemistry, University of Chittagong, Chittagong	Synthesis, Characterization and Antimicrobial studies of transition metal complexes of tetraazamacrocyclic ligands	3.0 Lac
441.	16 Phy's	Dr. Md. Kamal Hossain Assistant Professor Professor Dr. Shariff Enamul Kabir	Department of Chemistry, Jahangirnagar University, Savar, Dhaka	Synthesis and catalytic aspects of molybdenum(VI) and tungsten(VI) oxo complexes with multidentate ligands	5.0 Lac
442.	17 Phy's	Professor Dr. Farid Ahmed Md. Mahbubur Rahman Bhuiyan Assistant Professor	Department of Physics, Jahangirnagar University, Savar, Dhaka	Synthesis and Characterization of Li-Ni Ferrites with Cu & Zn Additives Prepared by Non- conventional Microwave Sintering Method	3.0 Lac
443.	18 Phy's	Dr. Mohammad Jellur Rahman Assistant Professor Dr. Parvin Sultana Assistant Professor	Department of Physics, Bangladesh University of Engineering and Technology (BUET), Dhaka	Carbon nanotube reinforced nanocomposites of natural polymers for biofriendly applications	5.0 Lac
444.	23 Phy's	Dr. Md. Samiul Islam Sarker Associate Professor Dr. M. Khalilur Rahman Khan	Department of Physics, University of Rajshahi, Rajshahi	Synthesis and characterization of Zn, Sn and Er doped cobalt ferrites nanomaterials	4.0 Lac
445.	24 Phy's	Dr. Md. Mahbubur Rahman Associate Professor Dr. Md. Motahar Hossain Associate Professor	Department of Chemistry, Rajshahi University, Rajshahi	Synthesis and Surface Modification of Iron Oxide Magnetic Nanoparticles for Hyperthermic Cancer Treatment	3.0 Lac
446.	26 Phy's	Dr. Budrun Neher Assistant Professor Mst. Shamima Khanom Lecturer	Department of Physics, Jahangirnagar University, Savar, Dhaka	Fabrication and Characterization of Natural Fiber Reinforced Hybrid Polymeric Composite	4.0 Lac
447.	27 Phy's	Professor Dr. Md. Manzurul Karim Professor Dr. Md. Arzu Miah	Department of Chemistry, Jahangirnagar University, Savar, Dhaka	Sulfido-metal clusters : Synthesis, Structure and Reactivity	3.0 Lac
448.	28 Phy's	Professor Dr. Md. Anamul Hoque Dr. Shahed Rana Associate Professor	Department of Chemistry, Jahangirnagar University, Savar, Dhaka	Physico-Chemical study of the mixed micelle formation of surfactants in aqueous medium and salts/urea solution at various temperatures: An experimental and theoretical investigation	4.0 Lac
449.	34 Phy's	Professor Dr. Ishtiaque M. Syed Kazi Haniun Maria Associate Professor	Department of Physics, Dhaka University, Dhaka	Ultrasonic Spray Pyrolysis Deposition Technique for Construction and Characterization of Solar Cells	4.0 Lac
450.	36 Phy's	Professor Dr. Mohammad Abu Sayem Karal Assistant Professor Professor Dr. A. K. M. Akther Hossain	Department of Physics, Bangladesh University of Engineering and Technology (BUET), Dhaka	Investigation of pore formation in lipid membranes of giant unilamellar vesicles (GUVs) using electroporation for the possible application in cancer cell ablation	5.0 Lac
451.	37 Phy's	Dr. Md. Atiqur Rahman Patoary Associate Professor Professor Abul Kalam Fazlul Haque	Department of Physics, University of Rajshahi, Rajshahi	Theoretical study of elastic scattering of electron and positron with atoms using a complex optical potential	3.0 Lac
452.	38 Phy's	Professor Dr. Jiban Podder Dr. Muhammad Samir Ullah Assistant Professor	Department of Physics, Bangladesh University of Engineering and Technology (BUET), Dhaka	Set-up of a spin coating system for multijunction nanostructured thin films for high efficiency solar cells and gas sensor applications	5.0 Lac
453.	39	Dr. Md. Shafiul Azam	Department of Chemistry,	Developing a bio-inspired strategy for the immobilization	3.0 Lac

	Phy's	Assistant Professor Professor Dr. Md. Nazrul Islam	Bangladesh University of Engineering and Technology (BUET), Dhaka	of silver nanoparticles toward the synthesis of antimicrobial paper	
454.	40 Phy's	Dr. M. Mahbubur Rahman Assistant Professor Shariful Islam Lecturer	Department of Physics, Jahangirnagar University, Savar, Dhaka	Development of Multilayer Mixed Metal Oxide based Thin Film Coatings for Selective Surface Applications	4.0 Lac
455.	43 Phy's	Dr. Muhammed Shah Miran Associate Professor Dr. Md. Mominul Islam Associate Professor	Department of Chemistry, University of Dhaka	Fabrication of Manganese Dioxide/ Polyaniline Composite-Modified Graphite Electrode for Supercapacitor Application	5.0 Lac
456.	45 Phy's	Dr. Samarendra Karmakar Vice-Chairman Dr. Mohan Kumar Das Senior Research Fellow	National Oceanographic and Maritime Institute (NOAMI) 10/8, 9 <sup>th</sup> Floor, Eastern Plaza, Sonargaon Road, Hatirpool, Dhaka	“Study on changes in the thermodynamics, dynamics and energetics of the troposphere and their numerical simulation during the movement of tropical cyclones formed in the Bay of Bengal making landfall in Bangladesh”	3.0 Lac
457.	46 Phy's	Dr. Sumonkanti Das Associate Professor Professor Dr. Md. Zakir Hossain	Department of Statistics, Shahjalal University Of Science & Technology, Sylhet	Assessment of Child Morbidity And Undernutrition Status In Different Administrative Tiers of Sunamganj District Through Small Area Estimation Technique	3.0 Lac
458.	47 Phy's	Professor Dr. Rabindra Nath Mondal Professor Dr. Md. Mizanor Rahman	Department of Mathematics, Jagannath University, Dhaka	“Numerical Simulation of Unsteady Fluid Flow and Heat Transfer through a Rotating Curved Micro-Channel”	3.0 Lac
459.	49 Phy's	Professor Dr. Md. Mosharef Hossain Bhuiyan Professor Dr. Mohammad Nasir Uddin	Department of Chemistry, University of Chittagong, Chittagong	Microwave mediated synthesis of cyanoacetamide derivatives as probes for antimicrobial activities	3.0 Lac
460.	50 Phy's	Professor Dr. Md. Mahbul Matin Abul Fazal Muhammad Sanauallah Associate Professor	Department of Chemistry, University of Chittagong, Chittagong	Design, Synthesis, Characterization and PASS predication of Novel Acyl Monosaccharides as Potent Antimicrobial Agents	3.0 Lac
461.	51 Phy's	Professor Dr. Tapan Kumar Saha Dr. Zinia Islam Lecturer	Department of Chemistry, Jahangirnagar University, Savar, Dhaka	“Catalytic Activity of Water- Soluble Iron Porphyrin on Oxidative Degradation of Azo Dyes in Aqueous Solution”	4.0 Lac
462.	52 Phy's	Dr. Abul Kalam Md. Lutfur Rahman Associate Professor Aparna Sarker Lecturer	Department of Chemistry, Jagannath University, Dhaka	Synthesis, characterization and antimicrobial activity study on Group IV, V and VI transition metal complexes of 2,2'- (ethylenedioxy)-bis-ethylamine dithio-carbamate	3.0 Lac
463.	54 Phy's	Professor Dr. Mohammad Sayed Alam Dr. Mohammad Awlad Hossain Assistant Professor	Department of Chemistry, Jagannath University, Dhaka	Development of New Generation Broad Spectrum Antibiotics: Preparation, Biological Evaluation and Mode of Action Studies of Novel Pyrazolone Heterocyclic Compounds (PHC)	4.0 Lac
464.	55 Phy's	Professor Dr. Dipika Rani Sarker Professor Dr. Md. Nure Alam Abdullah	Department of Physics, Jagannath University, Dhaka	Analysis of the Elastic Scattering of alpha particles at $E_{\alpha} = 25.0,$ $25.2, 104.0$ and $240.0$ MeV using Non-monotonic, Squared Woods-Saxon and Modified Single Folded Potentials	3.0 Lac
465.	56 Phy's	Dr. Mohammad Mostafizur Rahman Associate Professor Dr. Md. Aminul Haque Associate Professor	Department of Chemistry, Jagannath University, Dhaka	“Synthesis of GABA receptor insecticidal iminopyridazinphosphonate and phosphonic acid competitive antagonists”	3.0 Lac



466.	57 Phy's	Professor Dr. Md. Mahmud Alam Mohammad Wahiduzzaman Assistant Professor	Mathematics Discipline, Khulna University, Khula	Hall and Magnetic Effects along the centre line of the Straight Pipe Fluid flow with Rectangular Cross Section in a Rotating system	3.0 Lac
467.	62 Phy's	Dr. Abu Bin Imran Assistant Professor Dr. Md. Shakhawat Hossain Firoz Associate Professor	Department of Chemistry, Bangladesh University of Engineering and Technology, Dhaka	Revealing of most common food adulterants in Bangladesh and development of facile routes for their detections and removals	3.0 Lac
468.	65 Phy's	Professor Dr. Ahmed Jalal Farid Us Samed Professor Dr. Md. Rezwan Miah	Department of Chemistry, Shahjalal University of Science & Tech, Sylhet	Characterization of surface water in and around haor (wet land ecosystems) and industrial regions of sylhet division and removal some toxic metals by biosorbents	4.0 Lac
469.	66 Phy's	Dr. Mohammad Khademul Islam Associate Professor Md. Nuruzzaman Lecturer	Department of Chemistry Mawlana Bhashani Science and Technology University	Design, characterization and bioactivity of oxovanadate(V), peroxovanadate(V), and oxodiperoxovanadate(V) complexes with thiol, benzothiazole and pyrazine derivatives as new classes of potential therapeutic insulin-mimetic agents	3.0 Lac
470.	70 Phy's	Dr. Shamsun Naher Associate Professor Tahmina Afroz Assistant Professor	Department of Chemistry, Jagannath University, Dhaka	"Transition metal clusters bearing nitrogen, sulfur and phosphorus containing ligands: Synthesis, catalytic activity and computational chemistry"	3.0 Lac
471.	71 Phy's	Dr. Mohammad Ismail Hossain Associate Professor Dr. Mohammad Seraj Uddin Associate Professor	Department of Chemistry, University of Chittagong, Chittagong	A Combined Computational and Spectroscopic Study of Structure and Charge Transfer Dynamics of Ionic Liquids	3.0 Lac
472.	72 Phy's	Dr. Alamgir Kabir Associate Professor Sayed Hasan Assistant Professor	Department of Physics, University of Dhaka	"Study of Magnetic Properties of Transition Metal Nano-Particles By Using Density Functional Theory (Dft)"	3.0 Lac
473.	73 Phy's	Dr. Ratan Chandra Gosh Associate Professor Enayet Hossain Assistant Professor	Department of Physics, University of Dhaka	Effects of Temperature, Salt and Molecular weight on Interactions between Polymer and Anionic Surfactant in Nanopure Water	4.0 Lac
474.	74 Phy's	Rumana A. Jahan Principal Scientist Dr Zahid Hasan Mahmood Director	Materials Science Research Laboratory, Centre for Advance Research in Sciences (CARS); University of Dhaka, Dhaka	Preparation and characterization of semiconductor nanomaterials for application in higher efficiency thin film solar cells	3.0 Lac
475.	80 Phy's	Dr. Md. Masum Haider Associate Professor Md. Didarul Islam Bhuyan Assistant Professor	Department of Physics, Mawlana Bhashani Science and Technology University Santosh, Tangail	A Characteristic Study on High Energetic Bi-ions in Electron-positron-ion Plasmas	3.0 Lac

২.০ জিও-তে বর্ণিত শর্তসমূহ যথাযথভাবে অনুসরণপূর্বক বিল দাখিলের জন্য প্রকল্প পরিচালকগণ বরাবরে পত্র প্রেরণ করা হয়েছে (০৬/১১/২০১৭ তারিখের ৩৯.০০.০০০০.০৯.০৬.৭৯.২০১৭/১ নং পত্র)। সে মোতাবেক বিল দাখিলের জন্য অনুরোধ করা হলো।

স্বাক্ষরিত

০৬/১১/২০১৭

ড. মো: গোলাম মোস্তফা

উপসচিব

ফোন: ৯৫৭৬৫৩৯

ই-মেল: section9@most.gov.bd