



বাংলাদেশ
বিশ্ববিদ্যালয় মঞ্জুরী কমিশন

বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশন

University Grants Commission of Bangladesh

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বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশনের রিসার্চ সাপোর্ট এন্ড পাবলিকেশন ডিভিশনের অধীনে বিজ্ঞান ও প্রযুক্তি শাখার জীব বিজ্ঞান উপ-শাখায় ২০২২-২৩ অর্থবছরে প্রাপ্ত মোট ৩৮টি গবেষণা প্রকল্প প্রস্তাব বিশেষজ্ঞ কর্তৃক মূল্যায়ন করা হয়। তন্মধ্যে ৩২টি গবেষণা প্রকল্প (কমিশন কর্তৃক নির্ধারিত সূচকের ভিত্তিতে) চূড়ান্ত অনুমোদন দেয়া হয় এবং ৬ টি প্রকল্প প্রস্তাব বাতিল করা হয়। চূড়ান্তভাবে গ্রহণযোগ্য ৩২টি ও গ্রহণযোগ্য নয় বা বাতিলকৃত ৬টি গবেষণা প্রকল্পের বিবরণ নিম্নরূপ:-

ক্রমিক নং	গবেষণা প্রকল্পের শিরোনাম	প্রকল্প পরিচালকের নাম ও ঠিকানা	মন্তব্য
1.	Transcriptomics analysis to investigate the genetic Influence of T2D on kidney cancer and drug repurposing	Dr. Mohammad Amirul Islam Professor Dept. of Biochemistry & Molecular Biology University of Rajshahi Email: maislam@ru.ac.bd Mobile: 01712141273	গ্রহণযোগ্য
2.	: Exploring the Benzo(α)pyrene-induced Lung Cancer-Reversing Efficacy of <i>Sanchezia nobilis</i> Leaf Extracts: A Multi-Gene Expression Profiling Approach	Dr. Ashekul Islam Assistant Professor Department of Biochemistry and Molecular Biology Mawlana Bhashani Science and Technology University, Tangail Email: ashekbmb@gmail.com	গ্রহণযোগ্য
3.	“Investigating the significance of Retinoblastoma (RB) Gene mutation with the Prognosis of Bladder Cancer in Bangladesh”	Dr. Md. Omar Faruk Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka-10000 Cell: +8801812559511 Email: faruk.bmb@du.ac.bd	গ্রহণযোগ্য
4.	“Synthesis and Characterization of Novel Biocompatible Ionic Liquids for Enhancing the Solubility of Water-Insoluble Natural Food Colorant β -carotene”	Dr. Md. Shimul Islam Assistant Professor Nutrition and Food Technology Jashore University of Science and Technology Cell: 01776089264 & 01976667912 Email: shimul_nft@just.edu.bd & fatematj@just.edu.bd	গ্রহণযোগ্য

5.	“Microbiological Quality and Antibiotic Resistance Status of Water from Street Food Stalls Around Educational Institutions.”	Dr. Mahfuza Mubarak Chairman, & Associate Professor, Department of Public Health and Informatics, Jahangirnagar University, Savar Contact No +8801311334033 Email: mahfuzakbsi@gmail.com, mahfuza@juniv.edu	গ্রহণযোগ্য
6.	“Exploring Pathogenic Microbial Diversity and their Resistome Potential from the Seafood in the Bay of Bengal in Bangladesh: Insights from LAMP and Whole Genome Approaches”	Dr. Otun Saha Assistant Professor, Department of Microbiology Noakhali Science and Technology University Sonapur, Noakhali-3814 Mob-01725830666 otun.saha@nstu.edu.bd	গ্রহণযোগ্য
7.	Community-level epidemiological model for probabilistic prediction of outbreaks from pathogens belonging to Family Enterobacteriaceae in Dhaka City, Bangladesh	Dr. Mohammad Ariful Islam Professor and Chairman Department of Microbiology Jagannath University 01713018436 mail: ariful25@yahoo.com;	গ্রহণযোগ্য
8.	Drosophila bioassay with seaweed extracts to manage diabetes	Zobada Kanak Khan Associate Professor Genetic Engineering and Biotechnology, SUST Cell: 01753882274 mail: zkkhangeb@yahoo.com	গ্রহণযোগ্য
9.	Assessing antibiotic resistance in coastal ecosystem of Southeast Bangladesh	Dr. Adnan Mannan Professor Dept. of Genetic Engineering & Biotechnology University of Chittagong Mobile: 01716903485 Mail: adnan.mannan@cu.ac.bd	গ্রহণযোগ্য
10.	Examining the Efficacy of <i>Sonneratia apetala</i> (Buch.-Ham.) Fruit on Oxidative Stress and Anxiety in Mice	Professor Dr. Sheikh Julfikar Hossain Biotechnology and Genetic Engineering Discipline Khulna University cell: 01732718009	গ্রহণযোগ্য

		sjhossainbgeku@gmail.com	
11.	Studies on the consequences of chemical pesticide residue present in fruits and vegetables on human health and confirm their toxicity level using mice model to find the effective way(s) to remove these pesticides residue	Dr. Md. Abdur Rauf Sarkar Associate Professor Department of Genetic Engineering and Biotechnology Jashore University of Science and Technology, Jashore 7408, Bangladesh Cell: +8801721-704800 Email: rauf.gebt@yahoo.com	গ্রহণযোগ্য
12.	Assessment of the quality attributes and oxidative stability of fish balls with the addition of fig powder during frozen storage	Dr. Md. Ashrafuzzaman Zahid Associate Professor Department of Nutrition & Food Technology Jashore University of Science and Technology, cell: 01718868631 mail: zahid_24jstu@yahoo.com	গ্রহণযোগ্য
13.	Factors affecting fruits and vegetables consumption among female resident students at Dhaka University	Saiful Islam Assisstant Professor Institute of Nutrition and Food Science, University of Dhaka 01676051257 saifulinfs@du.ac.bd	গ্রহণযোগ্য
14.	Impact of maternal mental health on child nutritional status in low-income setting area of Dhaka city, Bangladesh	Kazi Muhammad Rezaul Karim Professor Institute of Nutrition and Food Science University of Dhaka 01818791442 rkarim98@gmail.com	গ্রহণযোগ্য
15.	Polyphenol Profile and Water Soluble Vitamins of some Selected Culinary Spices Used in Bangladeshi Cuisine	Prof. Nazma Shaheen, PhD Institute of Nutrition and Food Science University of Dhaka 01747799562 nzmsshaheen58@gmail.com	গ্রহণযোগ্য
16.	Bioinformatics based genome-wide identification and characterization of Major RNAi gene family in Jute (<i>Corchorus capsularis</i>)	Dr. Ahmed Imtiaj Professor, Dept. of Botany University of Rajshahi, Bangladesh Email: aitimtiajbot@ru.ac.bd, imtiaj269@yahoo.com Mobile: 01714118546	গ্রহণযোগ্য

17.	Unveiling potential anti-diabetic and anticancer drug candidates from <i>Ficus benjamina</i> L. through <i>In Vitro</i> , <i>In Vivo</i> and <i>Bioinformatics</i> approaches	Dr. Md. Oliur Rahman Professor, Department of Botany University of Dhaka cell: 01717751718 mail: oliur.bot@du.ac.bd	গ্রহণযোগ্য
18.	“Identification and Characterization of Lipid from Lipid Droplets of Hepatic Steatosis and It’s Therapeutic Agents in Mice Model”	Professor Dr. Md. Sohel Hasan Dept. of Biochemistry and Molecular Biology Universty of Rajshahi, Cell: 01780471721, 0247860090 sohel_bio@yahoo.com sohel_bio@ru.ac.bd	গ্রহণযোগ্য
19.	Transcriptomics Analysis to discover major types of brain cancer causing molecular signatures for early diagnosis, prognosis and therapies	DR. MD. ABDUL AZIZ Associate Professor Dept. of Biochemistry and Molecular Biology, University of Rajshahi, Bangladesh, Email: maazizbio@ru.ac.bd Mobile: 01717675191	গ্রহণযোগ্য
20.	Exploring the prevalence, severity, etiology, hormonal, and neurotransmitter dynamics of Premenstrual Dysphoric Disorder (PMDD) among the female students of the Biological Sciences faculty at Jahangirnagar University	Mohammad Mahfuz Ali Khan Shawan Assistanr Professor Department of Biochemistry and Molecular Biology Jahangirnagar University Email: mahfuz_026shawan@juniv.edu cell: 01797547130	গ্রহণযোগ্য
21.	Seaweed Based Coastal Economic Development through Documentation and Cultivation of Potential Species of Seaweeds.	Prof. Dr. Mohammad Azmal Hossain Bhuiyan Laboratory of Marine and Environmental Sciences, Phycology, Limnology and Biodiversity, Department of Botany, University of Dhaka, Dhaka-1000 , Bangladesh Cell: 01819-142151 Email: bhuiyan.azmal@du.ac.bd	গ্রহণযোগ্য
22.	Anthropogenic activities and their impact on water quality including with zooplankton abundance, fish diversity, load	Dr. Rumana Tasmin Associate Professor Department of Zoology Jagannath University, Dhaka-	গ্রহণযোগ্য

	of heavy metal and coliform bacteria from surface water system of Shitalakshya River, Bangladesh.	1100 Cell: +08801793594376 tasminrumana79@gmail.com	
23.	Complete Mitochondrial Genome Analysis of Croaker Fish <i>Pama pama</i>	Dr. Rowshan Ara Begum Professor Department of Zoology University of Dhaka Mobile: 01675865005 e-mail: rowshanbegum@du.ac.bd	গ্রহণযোগ্য
24.	Diversity of aquatic insects and biomonitoring of water quality in the peripheral rivers around Dhaka city	Dr. Khondoker Md. Zulfiker Rahman Professor Department of Zoology, Jahangirnagar University, Savar, Dhaka-1342, Bangladesh Cell: +880-1791344307 Email: rahmankmz@juniv.edu	গ্রহণযোগ্য
25.	Screening of phytochemicals and antidiarrheal activity of green banana fruit extract along with <i>in silico</i> study of ospg5 protein of <i>Shigella flexneri</i>	Dr. Md. Faruk Hasan Associate Professor Department of Microbiology, University of Rajshahi, Rajshahi-6205, Bangladesh Mobile : +88 01726802092 Email : faruk_gcb@ru.ac.bd	গ্রহণযোগ্য
26.	Investigation of ethnobotanical potential and biochemical analysis of <i>Heritiera fomes</i> Buch. Ham.: A mangrove plant indigenous to Bangladesh	Dr. Firoz Ahmed Professor Department of Pharmacy University of Dhaka	গ্রহণযোগ্য
27.	Investigation of antimicrobial resistance in amphibians of Dhaka megacity, Bangladesh	Mohammad Firoj Jaman, Ph.D Professor Department of Zoology, University of Dhaka Dhaka 1000, Bangladesh Tel: 88-01733263320 Email: mfjaman4@gmail.com	গ্রহণযোগ্য

28.	Study on food and feeding habits of suckermouth catfish, <i>Pterygoplichthys</i> spp. (T.N. Gill,1858) from the Buriganga river	Dr. Tonima Mustafa Professor Department of Zoology Jagannath University, Dhaka Cell: +8801712054454 tonimamustafa@yahoo.com	গ্রহণযোগ্য
29.	Mosquito larvicidal activity, antioxidant activity, and phytochemical composition of <i>Colpomenia peregrina</i> Sauv. and <i>Catenella</i> Grev. collected from Sundarbans mangrove forest of Bangladesh	Prof. Fakhruddin Ali Ahmed, Ph.D. Department of Botany, Jahangirnagar University, Savar, Dhaka-1342. Cell: 01711132981 Res: +880258313639 Email: faahmed_ju@yahoo.com	গ্রহণযোগ্য
30.	Screening new drug-like compounds against pathogenic <i>Staphylococcus aureus</i> by computational approaches and investigating their effect <i>in vitro</i>	Aparna Shil Associate Professor Department of Botany Jahangirnagar University, Savar cell: 01712687445 email: aparna@juniv.edu aparnashil12@gmail.com	গ্রহণযোগ্য
31.	Screening of Anticancerous Activity and Isolation of Bioactive Compounds from Bark of <i>Woodfordia fruticosa</i> (L.) Kurz	Dr. Nahid Sultana Associate Professor Department of Botany Jagannath University, Dhaka 01912823433 nahid.botany@gmail.com	গ্রহণযোগ্য
32.	Detection and long-term monitoring of harmful algal blooms (HABs) in the coastal water of Bangladesh using remote sensing data	Md Ataul Gani Department of Botany, Jagannath University, Dhaka 1100 Cell: 01912843037 Res: 01912843037 Email: gmdataul@bot.jnu.ac.bd	গ্রহণযোগ্য
33.	Identification of potential natural inhibitors from a medicinal plant <i>Glycosmis pentaphylla</i> for the treatment against women cancers by using the integrated bioinformatics and system biology approaches	Dr. Md. Nurul Islam Dept. of Zoology, University of Rajshahi, Bangladesh, Email: nurulislam@ru.ac.bd, n_islam@yahoo.com Mobile: 01715324366	গ্রহণযোগ্য নয়
34.	Identification, In-vivo, In-vitro and In-silico study of	S. M. Moazzem Hossen Department of Pharmacy	গ্রহণযোগ্য নয়

	Compounds from Acetone Extract of marine sponge <i>Tetilla</i> sp available in bangladesh	University of Chittagong. Phone: Office: Cell: 01827127729 hossen.pharmacy@cu.ac.bd	
35.	Investigation of <i>sodB</i> gene and virulence <i>ctxA</i> gene in <i>Vibrio cholerae</i> associated with fishes and their multidrug resistant profile	Md. Abdul Karim, Ph.D Professor, Department of Botany (Environmental Microbiology and Biotechnology Laboratory) University of Dhaka Dhaka-1000 Cell: 01715-015675 E-mail:akarim@du.ac.bd	গ্রহণযোগ্য নয়
36.	Comparison of Growth Performance between Wild Juvenile Crab and Juvenile Produced from Hatchery Crablet Nursing	Shilpi Saha (PhD) Assistant Professor Department of Zoology Jagannath University, Dhaka Cell: 01917362977, 01710373017 shilpisahazoo@gmail.com	গ্রহণযোগ্য নয়
37.	Phylo-typing of Clinically Isolated <i>E. coli</i> .	Professor Dr. Marufa Zerine Akhter Department of Microbiology, University of Dhaka, Dhaka-1000, Bangladesh. Cell: 01817630976 Email: mzakhter@du.ac.bd	গ্রহণযোগ্য নয়
38.	“Impacts Assessment and Management Strategies of Invasive Plants for Sustainability of the Sundarbans, Bangladesh”	DR. GAZI MOSHAROF HOSSAIN Professor Department of Botany Jahangirnagar University	গ্রহণযোগ্য নয়