



বাংলাদেশ  
বিশ্ববিদ্যালয় মঞ্চুরী কমিশন

# বাংলাদেশ বিশ্ববিদ্যালয় মঞ্চুরী কমিশন

University Grants Commission of Bangladesh

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বাংলাদেশ বিশ্ববিদ্যালয় মঞ্চুরী কমিশনের রিসার্চ এন্ড গ্র্যান্টস ম্যানেজমেন্ট ডিভিশনের বিজ্ঞান ও প্রযুক্তি শাখার জীব বিজ্ঞান বিষয়ক গবেষণা প্রকল্প উপ-শাখায় ২০২৩-২৪ অর্থবছরে প্রাপ্ত মোট ৬৮টি গবেষণা প্রকল্প প্রস্তাব বিশেষজ্ঞ কর্তৃক মূল্যায়ন করা হয়। তন্মধ্যে ৩৪ টি গবেষণা প্রকল্প প্রস্তাব (কমিশন কর্তৃক নির্ধারিত সূচকের ভিত্তিতে) চূড়ান্ত অনুমোদন দেয়া হয় এবং ৩৪টি প্রকল্প প্রস্তাব বাতিল করা হয়। চূড়ান্ত অনুমোদিত ৩৪টি গবেষণা প্রকল্পের বিবরণ নিম্নরূপ:-

ক্রমিক নং	গবেষণা প্রকল্পের শিরোনাম	প্রকল্প পরিচালকের নাম ও ঠিকানা	মূল্যায়নকারী বিশেষজ্ঞের মন্তব্য/মতামত
১	EXPRESSION ANALYSIS OF JAZ FAMILY GENES AND THEIR APPLICATION TO DEVELOP MAJOR ABIOTIC STRESS TOLERANCE IN RICE (ORYZA SATIVA L.)	Prof. Dr. S. M. Shahinul Islam Plant Biotechnology and Genetic Engineering Lab, Institute of Biological Sciences University of Rajshahi Cell: 01715209907 E-mail: shahin_ibsc@ru.ac.bd Shahinul68@gmail.com	গ্রহণযোগ্য
২	Molecular correlation of NF- $\kappa$ B gene variants with breast cancer in Bangladesh and their effect on breast cancer risk prediction and personalized treatment.	Dr. S M Mahbubur Rashid Associate Professor Department of Genetic Engineering and Biotechnology, University of Dhaka Cell: 01880298816 Res: 01880298816 mahbubur.rashid@du.ac.bd	গ্রহণযোগ্য
৩	Identification of ovarian cancer causing key molecular signatures by combining multiple transcriptomics datasets for early diagnosis and therapies	Dr. Meherun Nesa, Associate Professor Department of Zoology University of Rajshahi, Rajshahi-6205 Cell: 01706449666 Email: meherunmerry@ru.ac.bd	গ্রহণযোগ্য
৪	Antimicrobial, antibiofilm and antitumor activities of chitin-binding lectins isolated from indigenous plants in Bangladesh	Imtiaz Hasan, PhD, Professor and Chairman, Department of Microbiology University of Rajshahi, Rajshahi Cell: 01719130033 Res: 02588866509 Email: hasanimitiaz@yahoo.co.uk imitiazbio@ru.ac.bd	গ্রহণযোগ্য
৫	Assessment of the Link between DNMT1 rs16999593 & DNMT1 rs2228611 Polymorphism with the Susceptibility and Prognosis of Cervical Cancer in the Bangladeshi Population	Dr. Mohammad Safiqul Islam Professor Department of Pharmacy Noakhali Science and Technology University, Sonapur, Noakhali Cell: +8801727658650 research_safiq@nstu.edu.bd	গ্রহণযোগ্য

৬	Disclosing type-II diabetes causing key genomic biomarkers from multiple transcriptomics datasets for exploring potential drug molecules from medicinal plant	Dr. F. M. Ali Haydar, Professor Department of Botany University of Rajshahi, Rajshahi Cell: 01711238081 Email: fmalihaydar@gmail.com	গ্রহণযোগ্য
৭	Effects of Radish powder as natural nitrite on physicochemical, oxidation stability and sensory attributes of cooked beef patties.	Dr. Rashida Parvin, Associate Professor Dept. of NFT, Jashore University of Science and Technology, Jashore Phone: Cell: +8801718729008 Email: rashida.nft@just.edu.bd	গ্রহণযোগ্য
৮	A computational approach to investigate the polymorphic plasticity of HIV-1 Vif protein by human host	Dr. Md. Zafrul Hasan Associate Professor Biochemistry and Molecular Biology, Shahjalal University of Science and Technology (SUST). Cell: 01706247124 mail: Zafrul-bmb@sust.edu	গ্রহণযোগ্য
৯	Microbiological and physiological exploration of a bioenergy plant <i>Typha</i> spp. in Bangladesh	Dr. Nahmina Begum Assistant Professor Department of Botany Bangabandhu Sheikh Mujibur Rahman Science and Technology University Gopalganj Cell: 01756974814 nahmina20007@yahoo.com	গ্রহণযোগ্য
১০	Analysis of co-resistance and antibiotic resistant gene modulation induced by different heavy metal in bacteria isolated from contaminated environment	Dr. Ajit Ghosh Associate Professor Dept. of Biochemistry and Molecular Biology, SUST, Sylhet Cell: 01679436700 Email: ajitghoshbd@gmail.com aghosh-bmb@sust.edu	গ্রহণযোগ্য
১১	Molecular Approaches to Expedited Diagnosis of Irritable Bowel Syndrome (IBS): A Rapid Detection Kit	Dr. Md. Mizanur Rahman Associate Professor Department of Microbiology University of Dhaka Cell: 01796585290 Email: razu002@du.ac.bd	গ্রহণযোগ্য
১২	Enhanced production of phytase from an indigenous <i>Bacillus</i> spp by genetic engineering: Potential application in poultry feed production	Shakila Nargis Khan Professor, Department of Microbiology University of Dhaka, Dhaka 1000 Tel: 966 1900-73, extension 7748 (off) 934 2464 (res) 8801817 530043 (cell)Fax: 880 2 966 72 22 E mail: shakila@du.ac.bd	গ্রহণযোগ্য
১৩	Identification of spider species of Bangladesh through DNA Barcoding	Professor Dr. Mohammad Shamimul Alam, Department of Zoology University of Dhaka, Dhaka 1000 Cell: 01839886472 Res: 01839886472 Email: shamimul@du.ac.bd	গ্রহণযোগ্য

১৮	Plant Growth Regulatory and Mosquito Larvicidal Efficacy of Seaweeds <i>Sargassum filipendula</i> and <i>Caulerpa peltata</i> Through in vitro and Chemometric Approaches for Sustainable Blue Economy	Md. Uzzal Hossain Assistant Professor Department of Botany University of Barishal, Barishal-8254 Cell: 01737837649 Email: muhossain@bu.ac.bd	গ্রহণযোগ্য
১৯	Income Diversification Determinants and Its Influence on Food Security in Some Selected Char Areas of Mymensingh	Dr. Nazia Tabassum, Professor Department of Agribusiness and Marketing, Bangladesh Agricultural University, Mymensingh Cell: 01780370136 Mail: nazia.am@bau.edu.bd	গ্রহণযোগ্য
২০	Karyotype profiling with DNA-base specific fluorochromes and cytotoxicity assessment of two medicinally important plants <i>Cassia fistula</i> and <i>Senna alata</i> from Bangladesh	Chandan Kumar Dash Assistant Professor, Department of Botany, University of Dhaka, Dhaka Cell: 01521-220245 Email: chandandash@du.ac.bd	গ্রহণযোগ্য
২১	Molecular and genetic characterization of extended spectrum $\beta$ -lactamases (ESBL) producing antimicrobial resistant superbugs and detection of virulence genes from the pharmaceutical effluent water samples of Bangladesh	Dr. Zimam Mahmud, Associate Professor, Department of Biochemistry and Molecular Biology University of Dhaka, Dhaka-1000 Phone: +8801632267681; +8801929206621 Email: zimam@du.ac.bd	গ্রহণযোগ্য
২২	Green Synthesis of Silver Nanoparticles from <i>Chryseobacterium jejuense</i> Isolated from Cow Manure: Antibacterial and Antifungal Activities	Dr. Md. Mizanur Rahman, Professor, Department of Biotechnology and Genetic Engineering, Islamic University, Kushtia 7003, Bangladesh. Tel: +88 071-62201-6 PABX 2438, +88 01712562730 (Cell) Email: mmrahmanbtg79@hotmail.com NID No: 7351213520	গ্রহণযোগ্য
২৩	Biogenic synthesis of nanoparticles of <i>Tamarindus indica</i> seed to explore in vitro anti-inflammatory and potential hypoglycemic effects in STZ-induced albino rats	Dr. Srabonti Saha Associate Professor Department of Biochemistry and Molecular Biology, University of Chittagong Cell: 01716145327 Res: Email: srabonti7@cu.ac.bd	গ্রহণযোগ্য
২৪	Investigating the prognostic impact of selected oncogenes in Bangladeshi bladder cancer patients through somatic mutations and gene expression analysis	Dr Md. Ismail Hosen, Associate Professor, Department of Biochemistry and Molecular Biology, University of Dhaka, Dhaka-1000 Cell phone: +8801911 53 16 89 E-mail: ismail.hosen@du.ac.bd	গ্রহণযোগ্য

২১	Assessment of bioaccumulation of potential trace metals contamination in surface water, sediment and indigenous common fish species of Tanguar Haor in Bangladesh in relation to human health concerns and ecological insinuations	Prof Dr. Mohammad Raknuzzaman, Chairman, Department of Fisheries, University of Dhaka, Phone: Cell:01712054454 Email: mraknuz@du.ac.bd	গ্রহণযোগ্য
২২	Heavy Metal Contamination in fish, poultry, and their feeds: Assessing the Health Risks in Noakhali, Bangladesh.	Dr. Mansura Mokbul, Assistant Professor, Department of Food Technology and Nutrition Science, Noakhali science and Technology University, Noakhali-3814 Cell: 01790048046 mansura.ftns@nstu.edu.bd	গ্রহণযোগ্য
২৩	Microplastic Contamination in surface sediment of afforested mangrove area the mid-coastal zone of Bangladesh	A F M Arifur Rahman, Associate Professor, Department of Fisheries and Marine Science, Noakhali Science and Technology University Mobile: 01819129553 Mail:arif.fims@nstu.edu.bd	গ্রহণযোগ্য
২৪	Assessing Anxiety Levels of Globally Threatened Capped Langurs in Bangladesh	Md Mokhlesur Rahman, PhD. Assistant Professor Department of Zoology University of Dhaka, Dhaka mmrahmandu48@gmail.com	গ্রহণযোগ্য
২৫	Exploration of ethnobotanical and biochemical significances of <i>Heliconia rostrata</i> Ruiz. and Pav. (Heliconiaceae): A traditionally used medicinal plant in Bangladesh.	Prof. Dr. Md. Ruhul Kuddus Department of Pharmaceutical Chemistry, Faculty of Pharmacy, University of Dhaka, Dhaka-1000, Bangladesh Cell: 01753-982056 Email: ruhulkuddus@du.ac.bd	গ্রহণযোগ্য
২৬	Investigating the Interplay between Oxidative Stress and Mitochondrial DNA Copy Number Variations in Patients with Preeclampsia	Dr. Mohammad Johirul Islam Associate Professor Biochemistry and Molecular Biology, Mawlana Bhashani Science and Technology University Cell: +8801751795668 Email: johirbmb@mbstu.ac.bd	গ্রহণযোগ্য
২৭	Exploration of New Antibiotics Derived from Natural Sources Using in silico and in vitro Methods.	Dr. Mohammad Abdullah-Al-Shoeb, Associate Professor Department of Biochemistry and Molecular Biology (BMB), Academic Building- A, Shahjalal University of Science and Technology, Sylhet-3114 Cell: +8801787501398 maashoeb-bmb@sust.edu	গ্রহণযোগ্য

২৮	Deciphering the potential of <i>Coccinia grandis</i> in upregulating the genes linked to the chemical-induced cardiac damage.	Dr. Md. Atiar Rahman, Professor, Department of Biochemistry and Molecular Biology, University of Chittagong Cell: 01711709084 Res: 01987541901 Email: atiar@cu.ac.bd	গ্রহণযোগ্য
২৯	Screening of Inhibitors Targeting Drug-resistant PfMATE Transporter Protein and Molecular Study of the Target::Drug Complexes	Dr. Md Lokman Hossen, Assistant Professor, Department of Physics, University of Barishal, Barishal Cell: 01714522418 Email: mlhossen@bu.ac.bd	গ্রহণযোগ্য
৩০	Piloting biofuel production	Dr. Ali Azam Talukder, Professor Department of Microbiology Jahangirnagar University Cell: +88-017-1582-3155 E-mail: aat@juniv.edu; tunubj@yahoo.com.	গ্রহণযোগ্য
৩১	Study on colistin-resistant <i>Escherichia coli</i> carrying mcr genes in street foods in Sylhet city	Prof. Dr. G.M. Rabiul Islam, Department of Food Engineering and Tea Technology, Shahjalal University of Science and Technology, Sylhet Cell: 01787323944 rabittc@sust.edu rabi@t14@yahoo.com	গ্রহণযোগ্য
৩২	Determination and mapping of plant nitrogen concentration using satellite data	Dr. A. M. M. Golam Adam Associate Professor Department of Botany, Jagannath University, Dhaka 1100, Bangladesh.	গ্রহণযোগ্য
৩৩	Understanding the association between antibiotic resistance and heavy metal resistance	Professor Dr. Sunjukta Ahsan, Department of Microbiology, University of Dhaka Email: sunjuka@du.ac.bd Phone: 01948283983	গ্রহণযোগ্য
৩৪	Prevalence of pathogenic <i>Cronobacter</i> spp. in food items in Bangladesh.	Md. Latiful Bari, Chief Scientist, Center for Advanced Research in Sciences, University of Dhaka, Dhaka-1000, Bangladesh Cell: ...01971560560 Email: ...latiful@du.ac.bd	গ্রহণযোগ্য