

বাংলাদেশ বিশ্ববিদ্যালয় মঞ্জুরী কমিশনের রিসার্চ গ্রান্টস এন্ড এওয়ার্ড ডিভিশনের বিজ্ঞান ও প্রযুক্তি শাখার কৃষি বিজ্ঞান (ক্রপ সায়েন্স) বিষয়ক গবেষণা প্রকল্প উপ-শাখায় ২০২৩-২০২৪ অর্থবছরে বিশেষজ্ঞগণ কর্তৃক অনুমোদিত ৪৪টি প্রকল্পের বিবরণ নিম্নরূপ:-

ক্রমিক নং	প্রকল্প আস্রানের বছর	গবেষণা প্রকল্পের শিরোনাম	প্রকল্প পরিচালকের নাম ও ঠিকানা	মূল্যায়নকারী বিশেষজ্ঞের মন্তব্য/মতামত
১	২	৩	৪	৫
1.	2023-24 (2)	Development of nutrient-rich eggplant mutant lines	Professor Dr. Mohammad Mehfuz Hasan Saikat Department of Genetics and Plant Breeding Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur	গ্রহণযোগ্য
2.	2023-24 (7)	Selection of nutrient-rich drought tolerant barley genotypes through genotype-environment interaction studies	Professor Dr. Md. Arifuzzaman Department of Genetics and Plant Breeding Hajee Mohammad Danesh Science and Technology University, Dinajpur	গ্রহণযোগ্য
3.	2023-24 (8)	Inheritance pattern of morphological, phenological and yield contributing traits in field mustard (Brassica rapa L.)	Professor Dr. Md. Harun-Ur-Rashid Department of Genetics and Plant Breeding Sher-e-Bangla Agricultural University	গ্রহণযোগ্য
4.	2023-24 (9)	Assessment of the Ecological Impacts of Heavy Metal Pollution in Soil and Remediation by Phytostabilization Using Local Hyperaccumulator Species	Mithun Kumar Saha Assistant Professor & Department of Soil, Water and Environment Dhaka University, Dhaka.	গ্রহণযোগ্য
5.	2023-24 (12)	Evaluating the integration of vermicompost with synthetic fertilizer on mustard	Professor Dr. Uttam Kumer Sarker Department of Agronomy, Bangladesh Agricultural University, Mymensingh	গ্রহণযোগ্য

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6.	2023-24 (13)	Assessment of APSIM Model for Irrigation Scheduling in RABI Maize.	Professor Dr. Md. Romij Uddin Department of Agronomy Bangladesh Agricultural University Mymensingh.	গ্রহণযোগ্য
7.	2023-24 (15)	Minimizing heat stress induced spikelet sterility of late sown dry direct seeded boro rice through micro-nutrient management	Professor Dr. Md. Moshir Rahman Department of Agronomy Bangladesh Agricultural University Mymensingh	গ্রহণযোগ্য
8.	2023-24 (17)	Isolation, identification, and antibacterial evaluation of endophyte diversity in Moringa oleifera leaves: A potential resource for sustainable agriculture	Dr. Noushin Jahan, Assistant Professor Dept. of Agronomy Khulna Agricultural University, Khulna.	গ্রহণযোগ্য
9.	2023-24 (18)	Pyramiding of multiple resistant genes of bacterial blight and blast into rice cultivar BRRI dhan28	Professor Dr. Ujjal Kumar Nath Dept. of Genetics and Plant Breeding Bangladesh Agricultural University Mymensingh.	গ্রহণযোগ্য
10.	2023-24 (21)	Assessing stage-specific susceptibility of Fall armyworm (Spodoptera frugiperda) larvae to various insecticides	Professor Dr. Mohammad Shaef Ullah Department of Entomology Bangladesh Agricultural University Mymensingh.	গ্রহণযোগ্য
11.	2023-24 (22)	Evaluation of nano-silicon particle to control brinjal jassid and assess its effect on beneficial insects under field condition	Professor Dr. Mohammed Abul Monjur Khan Department of Entomology Bangladesh Agricultural University, Mymensingh.	গ্রহণযোগ্য
12.	2023-24 (24)	Growth and yield response of wheat to planting method under zero tillage condition in the coastal soil of southwestern Bangladesh	Professor Dr. Bidhan Chandro Sarker Agro Technology Discipline Khulna University, Khulna	গ্রহণযোগ্য
13.	2023-24 (25)	Effects of elevated temperature on Aus rice productivity and soil fertility under different nutrient management "	Professor Dr. Mohammed Zia Uddin Kamal Dept. of Agrometeorology Bangabandhu Sheikh Mujibur Rahman Agricultural University	গ্রহণযোগ্য
14.	2023-24 (28)	Role of plant growth promoting rhizobacteria in improving salt tolerance in sunflower	Prof. Dr. Mirza Hasanuzzaman Department of Agronomy Sher-e-Bangla Agricultural University, Dhaka.	গ্রহণযোগ্য

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15.	2023-24 (32)	Evaluating the impact of organic amendments on tomato yield and soil health under salt stress	Md. Omar Ali Mollick Assistant Professor Department of Soil Science Sher-e-Bangla Agricultural University, Dhaka.	গ্রহণযোগ্য
16.	2023-24 (34)	Investigation of arthropod pests in newly developed tea growing zone, Panchagarh of Bangladesh and eco-safely management tactics for red mite, <i>Oligonychus coffeae</i> Nietner (Acari: Tetranychidae) on tea	Professor Dr. Hasan Fuad El Taj Department of Entomology Hajee Mohammad Danesh Science and Technology University, Dinajpur.	গ্রহণযোগ্য
17.	2023-24 (38)	A Comparative Study on Different Vertical Hydroponic Strawberry Cultivation Techniques under Nutrient Specific Conditions	Md. Roman Akon Associate Professor Department of Horticulture Patuakhali Science and Technology University Dumki, Patuakhali.	গ্রহণযোগ্য
18.	2023-24 (39)	Agro-Morphological And Biochemical Characterization Of Some Edible Aquatic Weeds Of Banglades	Professor Dr. Mohammad Ahsanul Kabir Dept. of Horticulture Hajee Mohammad Danesh Science & Tech. University Dinajpur.	গ্রহণযোগ্য
19.	2023-24 (41)	Development of sustainable low-cost storage technology for orange fleshed sweet potatoes (OFSP)	Professor Dr. Shreef Mahmood Department of Horticulture Hajee Mohammad Danesh science and Technology University, Dinajpur	গ্রহণযোগ্য
20.	2023-24 (42)	Pollution levels and probabilistic health risk assessment of heavy metals in available spices in the local markets of Dhaka, Bangladesh	Dr. Mominul Haque Rabin Assistant Professor Dept. of Agricultural Chemistry Sher-e-Bangla Agricultural University, Dhaka.	গ্রহণযোগ্য
21.	2023-24 (43)	Assessment of human health risk of heavy metals via consumption of common vegetables collected from different areas of Mymensingh district	Professor Dr. Sheikh Shawkat Zamil Department of Agricultural Chemistry Sher-e-Bangla Agricultural University	গ্রহণযোগ্য
22.	2023-24 (1)	Accumulation and translocation of Sodium meta-arsenate ($\text{Na}_2\text{HAsO}_4 \cdot 7\text{H}_2\text{O}$) in soil and its impacts on morpho-physiology, growth and yield attributes of Brinjal (<i>Solanum melongena</i> L.) plants grown in artificially contaminated soil	Professor Dr. Nasrin Sultana Department of Agroforestry and Environmental Science Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka	গ্রহণযোগ্য

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23.	2023-24 (3)	Soil environment changes and plant yield performance of sweet potato under different organic and inorganic management practices	Professor Dr. Md. Abiar Rahman Department of Agroforestry and Environment Research Management Wing Bangabandhu Sheikh Mujibur Rahman Agricultural University Gazipur.	গ্রহণযোগ্য
24.	2023-24 (4)	Biochemical and Physiochemical Traits as the Determinants of Shelf Life Variation of Summer Tomato (BARI Hybrid Tomato-4) at Different Storage Conditions	Professor Muhammad Javidul Haque Bhuiyan Department of Biochemistry and Molecular Biology Bangladesh Agricultural University, Mymensingh.	গ্রহণযোগ্য
25.	2023-24 (9)	Morpho-molecular characterization of drought tolerant rice varieties in Bangladesh	Dr. Md. Anwar Hossain Associate Professor Department of Biotechnology & Genetic Engineering Noakhali Science and Technology University, Noakhali.	গ্রহণযোগ্য
26.	2023-24 (15)	IoT based Low-cost Smart Onion Storage System for Reducing Storage Losses in Bangladesh.	Professor Dr. Md. Rostom Ali Department of Farm power and Machinery Bangladesh Agricultural University, Mymensingh.	গ্রহণযোগ্য
27.	2023-24 (16)	Advancing Bangladesh's Agriculture: Enhancing Seed Germination and Plant Growth Through Nanoprimering with Magnetic Nanoparticles	Professor Dr. Mahmudur Rahaman Department of Electrical and Electronic Engineering DUET, Gazipur.	গ্রহণযোগ্য
28.	2023-24 (18)	Impact of Climate Change Variability and Adaptation Strategies on Food Security in barind Area of Bangladesh.	Professor Dr. Hasneen Jahan Department of Agricultural Economics Bangladesh Agricultural University, Mymensingh.	গ্রহণযোগ্য
29.	2023-24 (19)	Impact of Climate Smart Agriculture on Crop Diversification and Food-Nutrition Security for Smallholder Farmers in Bangladesh.	Dr. Riffat Ara Zannat Tama Associate Professor Department of Agricultural Economics Bangladesh Agricultural University, Mymensingh.	গ্রহণযোগ্য

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30.	2023-24 (20)	Effective Agricultural Extension Service to Support Climate Change Adaptation: Insights from the Central Coastal Region of Bangladesh.	Professor Dr. Md. Mamun-ur-Rashid Department of Agricultural Extension and Rural Development Pautakhali Science and Technology University Dumki, Patuakhali.	গ্রহণযোগ্য
31.	2023-24 (22)	Participation of tribal women in small scale livestock farming and household income in Bangladesh.	Professor Dr. Meherunnesa Chowdhury Sumy Department of Agricultural Economics and Social Science Chattogram Veterinary and Animal	গ্রহণযোগ্য
32.	2023-24 (23)	A Comprehensive Plant-Based Model for Indoor Air Purification and Mitigating Vehicular Emission through Roadside Greeneries in Dhaka City	Hasan Mahammad Sammy Associate Professor Department of Agricultural Statistics Sher-e-Bangla Agricultural University, Dhaka-	গ্রহণযোগ্য
33.	2023-24 (24)	Assessing Determinants of Farmers Satisfaction and Professional Migration Using Statistical and Machine Learning Approaches	Professor Mohammad Nazmol Hasan Department of Statistics & Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur	গ্রহণযোগ্য
34.	2023-24 (25)	Assessment of nutritional quality and heavy metal toxicity in some indigenous leafy vegetables at coastal regions of Bangladesh.	Professor Dr. Dilruba Easmin Jharna Department of Biochemistry and Food Analysis Patuakhali Science and Technology University, Patuakhali	গ্রহণযোগ্য
35.	2023-24 (27)	Detection and risk assessment of heavy metal migration in foodstuffs escaping from plastic and paper cups in different time intervals	B. M. Khaled Assistant Professor & Department of Agro Product Processing Technology, Jashore University of Science and Technology	গ্রহণযোগ্য
36.	2023-24 (29)	Effect of water-saving agricultural practices on yield, water productivity and grain nutritional quality of summer maize under microplot ecosystem.	Professor A M M Shamsuzzaman Department of Agricultural Botany Sher-e-Bangla Agricultural University, Dhaka-1207	গ্রহণযোগ্য

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37.	2023-24 (32)	Replacing fallow with guar bean to intensify BAU Chia-Fallow-T Aman cropping system with positive impacts on environment	Professor Dr. Md. Alamgir Hossain Associate Professor Department of Crop Botany Bangladesh Agricultural University (BAU), Mymensingh.	গ্রহণযোগ্য
38.	2023-24 (35)	Heavy Metal Accumulation in Vegetables and Fruits Collected from Dhaka Division: assessment of Their Potential Health Risk.	Marzia Habib, Assistant Professor Department of Agricultural Chemistry Sher-e-Bangla Agricultural University, Dhaka	গ্রহণযোগ্য
39.	2023-24 (36)	Development of a rapid on-field diagnosis technique for the citrus greening disease of sweet orange for potential use at the farmer's level"	Professor Dr. Md. Rashidul Islam Department of Plant Pathology Bangladesh Agricultural University, Mymensingh	গ্রহণযোগ্য
40.	2023-24 (38)	Recently emergence of onion white rot disease in Bangladesh: Molecular characterization of its causal organisms, pathogenic diversity study, and development of bio-rational management strategy	Professor Dr. Md. Atiqur Rahman Khokon Department of Plant Pathology Bangladesh Agricultural University, Mymensingh.	গ্রহণযোগ্য
41.	2023-24 (42)	Detection, isolation and characterization of Cucumber mosaic virus (CMV) disease initiation and development of some cucurbits and evaluation of different planting dates and varieties of cucurbits against CMV	Professor Dr. Fatema Begum Department of Plant Pathology Faculty of Agriculture Sher-e-Bangla Agricultural University, Dhaka	গ্রহণযোগ্য
42.	2023-24 (44)	Formulation of Serratia marcescens for the eco-friendly management of phomopsis blight of brinjal	Professor Md. Mohidul Hasan PhD Department of Plant Pathology Hajee Mohammad Danesh Science and Technology University, Dinajpur	গ্রহণযোগ্য
43.	2023-24 (45)	Growth, Yield and Post-harvest Quality of Strawberry as Influenced by Foliar Application of Humic Acid and Gibberellic Acid	Md. Mofizur Rahman Assistant Professor Department of Horticulture Sher-e-Bangla Agricultural University, Dhaka.	গ্রহণযোগ্য
44.	2023-24 (47)	Integrated effect of humic acids and nano zinc with chemical fertilizer on growth, yield, and quality of cabbage	Banalata Das Assistant Professor Dept. of Horticulture Sher-e-Bangla Agricultural University	গ্রহণযোগ্য

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