

বাংলাদেশ কৃষি বিশ্ববিদ্যালয় রিসার্চ সিস্টেম (বাউরেস)

বাংলাদেশ কৃষি বিশ্ববিদ্যালয়, ময়মনসিংহ

নং-বাউরেস/ ১২০৩/২০২৬

তারিখ : ০৪/০৫/২০২৬

প্রিয় মহোদয়,

বাংলাদেশ কৃষি বিশ্ববিদ্যালয় রিসার্চ সিস্টেম (বাউরেস) কর্তৃক আয়োজিত ২০২৪-২০২৫ সালের বার্ষিক গবেষণা অগ্রগতির উপর কর্মশালা আগামী ০৯-১১ই মে ২০২৬ তারিখে অনুষ্ঠিত হবে। উক্ত বার্ষিক গবেষণা অগ্রগতি কর্মশালা নিম্নে উল্লেখিত টেকনিক্যাল কমিটির সদস্য ও সংশ্লিষ্ট প্রধান গবেষকবৃন্দকে যথাসময়ে উপস্থিত থাকার জন্য বিশেষভাবে অনুরোধ করা হলো।

**Technical Session 23: Poster Presentation-2 [BAU, MOST, MOST (R&D) & UGC Fund]**

Convenor : Prof. Dr. Sharif-Ar-Raffi, Dept. of Genetics and Plant Breeding  
Member : Prof. Dr. Mahmud Hossain Sumon, Dept. of Soil Science  
Prof. Dr. Mohammad Anwar Hossain, Dept. of Biochemistry and Molecular Biology  
Prof. Dr. Mohammad Shahjahan Monjil, Dept. of Plant Pathology  
Prof. Dr. Tamanna Haque, Dept. of Horticulture  
Prof. Dr. Sabina Yasmin, Institute of Biotechnology

**Venue Faculty of Agriculture**

**Date and Time: 10-05-2026, 2:30 pm to 5:00 pm**

**Faculty of Agriculture**

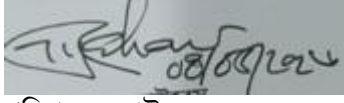
Sl. No.	Title of the project	Name of the PI with Department	Source of fund
1	Feasibility of growing jute seed in T. aman rice-Fallow-Boro rice cropping pattern to maximize farm productivity	Prof. Dr. Md. Abdus Salam Dept. of Agronomy	MoST
2	Efficacy of allelopathic plant residues with NPK fertilizer and vermicompost in controlling weed and yield of T. aman rice	Prof. Dr. Farhana Zaman Dept. of Agronomy	MoST
3	Assessment of foliar applied nano NPK fertilizer on growth, yield and nutrient use efficiency of rice	Prof. Dr. Farhana Zaman Dept. of Agronomy	BAU
4	Integrated use of organic and chemical fertilizers to improving productivity of baby corn	Prof. Dr. Md. Delwar Hossain Dept. of Agronomy	MoST
5	Integrated nutrient management and mulching practices for improving growth and yield of mustard	Prof. Dr. Md. Delwar Hossain Dept. of Agronomy	BAU
6	Exploring The Scope Of Intercropping Leafy Vegetables With Wheat For Better Weed Suppression And Higher Productivity	Prof. Dr. Md. Parvez Anwar Dept. of Agronomy	MoST
7	Impact of Fecal Sludge and Municipal Solid Waste Co-Compost Application on Soil Nutrient and Carbon Storage of Paddy Soil After Two Consecutive Seasons	Prof. Dr. Sabina Yeasmin Dept. of Agronomy	MoST
8	Role of salicylic acid as foliar spray on boro rice cultivation under salinity stress	Dr. Fahmida Akter Dept. of Agronomy	BAU
9	Investigating cropping pattern-based weed diversity to develop effective weed control strategy in Mymensingh	Dr. Md. Shafiqul Islam Dept. of Agronomy	BAU
10	Performance evaluation of potassium fertilization in T. aman rice under sub-tropical condition	Prof. Dr. Uttam Kumer Sarker Dept. of Agronomy	BAU
11	Effect of planting and nitrogen-application methods on seed yield and nitrogen use efficiency of French bean	Prof. Dr. F M Jamil Uddin Dept. of Agronomy	BAU
12	System-based phosphorus management in T. aman-Mustard-Boro cropping pattern: system productivity, phosphorus use efficiency and budgeting	Prof. Dr. Mahmud Hossain Sumon Dept. of Soil Science	BAU
13	Utilizing the mitochondrial genes of insects to identify and detect invasive species	Prof. Dr. Mohd. Tofazzal Hossain Howlader Dept. of Entomology	MoST
14	Sustainable management of sweet potato weevil, <i>Cylas formicarius</i> (Fabricius) (Coleoptera: Curculionidae) through myco- and reduced risk insecticides	Prof. Dr. Mohammad Shaef Ullah Dept. of Entomology	MoST
15	Evaluation of nano-silicon particle and bio-pesticides to control brinjal jassid and assess their effect on beneficial insects in brinjal crop ecosystem	Prof. Dr. Mohammed Abul Monjur Khan Dept. of Entomology	MoST
16	Use of nano-silicon to control sucking insect pests of brinjal and assess its effect on beneficial insects	Prof. Dr. Mohammed Abul Monjur Khan Dept. of Entomology	BAU
17	Impact of some selected Diamide group of insecticides on pollinating honeybee of <i>Apis mellifera</i> (Hymenoptera: Apidae) in Mustard crops	Prof. Dr. Mahbuba Jahan Dept. of Entomology	BAU
18	Designing Integrated Management for Sucking Pest Complex of Rose	Prof. Dr. Naznin Nahar Dept. of Entomology	BAU
19	Bio-efficacy of <i>Moringa olifera</i> , <i>Annona reticulata</i> , and <i>Trewia nudiflora</i> leaf extracts against the growth and development of pulse beetle <i>Callosobruchus chinensis</i> L. (Coleoptera: Bruchidae), a ubiquitous storage insect	Dr. Mst. Rokeya Khatun Dept. of Entomology	BAU
20	Biological control of spider mite <i>Tetranychus urticae</i> using entomopathogens <i>Beauveria bassiana</i> and <i>Cordyceps tenuipes</i>	Prof. Dr. Krishna Rany Das Dept. of Entomology	BAU

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
21	Value addition of colored flesh sweet potato : a potential way for nutrition and food security	Prof. Dr. Md. Mokter Hossain Dept. of Horticulture	MoST
22	Varietal screening of colored squash (Cucurbita pepo L.) for higher yield and quality to enhance food security	Prof. Dr. Md. Harun Ar Rashid Dept. of Horticulture	MoST
23	study on safe primary production, postharvest management and ripening technology of banana	Prof. Dr. Md. Kamrul Hassan Dept. of Horticulture	MoST
24	Effect of organic and inorganic fertilizers and mulches on growth, Yield, and quality of beetroot (Beta vulgaris L)	Prof. Dr. Md. Habibur Rahman Dept. of Horticulture	BAU
25	Effect of integrated nutrient management and planting time on growth and yield of Kalmegh (Andrographis paniculata)	Prof. Dr. Md. Azizur Rahman Dept. of Horticulture	BAU
26	Enrichment of BAU Germplasm center: A shrine for research on Horticultural Crops	Prof. Dr. Md. Habibur Rahman Director, Gamplasm Center	BAU
27	Substitution of Urea by Green Manuring Crops and its Effect on Soil Properties and Yield of Capsicum (Capsicum Annuum L.)	Dr. Ayasha Akter Dept. of Horticulture	BAU
28	Investigation of Endophytic Microbes of Selected Ethnomedicinal Plants in Bangladesh to Discover Novel Biocontrol and Plant Growth Promoting Strains	Prof. Dr. K. M. Golam Dastogeer Dept. of Plant Pathology	MoST
29	Assessment of High-Performance Microbial Communities and Enzymatic Activity in Compost for Sustainable Waste anagement	Prof. Dr. Mohammad Shahjahan Monjil Dept. of Plant Pathology	MoST
30	Molecular characterization of tomato leaf curl virus causing tomato leaf curl disease and its biological management in Bangladesh	Prof. Dr. Muhammed Ali Hossain Dept. of Plant Pathology	MoST
31	Characterization and evaluation of potential lactic acid bacteria (LAB) for post-harvest diseases management and extension of shelf-life of banana	Prof. Dr. Md. Atiqur Rahman Khokon Dept. of Plant Pathology	BAU
32	Performance assessment of Bacillus spp. for biopriming of vegetable seeds for controlling seed-borne oathogens and improviM storability	Ms. Shila Chakraborty Dept. of Plant Pathology	MoST(R & D)
33	Zinc Biofortification of Gram (Cicer arietinum L.) through Seed Chemo- priming	Prof. Dr. Md. Abdul Awal Dept. of Crop Botany	MoST
34	Inclusion of grain legumes in rice-wheat cropping system for enhancing crop productivity, climate change adaptation and mitigation in rainfed dry areas of Bangladesh	Prof. Dr. Md. Alamgir Hossain Dept. of Crop Botany	MoST
35	Cadmium Toxicity in red amaranth and its mitigation by exogenous application of salicytic acid	Prof. Dr.Md. Sabibul Haque Dept. of Crop Botany	UGC
36	Maximizing ecosystem services through legume farming	Prof. Dr. Md. Alamgir Hossain -1 Dept. of Crop Botany	BAU
37	Green Synthesis and Characterization of Nano biochar Using Plant Resources	Sadiya Arefin Juthee Dept. of Crop Botany	BAU
38	Selection and characterization of drought tolerant high yielding chickpea genotypes based on morphometric and biochemical indices	Prof. Dr. Md. Amir Hossain Dept. of Genetics and Plant Breeding	MoST
39	Evaluation of advanced breeding lines of mungbean for rariliness, Yield and Salinity tolerance	Prof. Dr. Mohammad Anwar Hossain Dept. of Genetics and Plant Breeding	UGC
40	Marker aided selection of Zinc (Zn) and Iron (Fe) biofortified transgressive segregants in F2 and F3 populations using a number of biparental and diallel crosses of wheat	Prof. Dr. G. H. M. Sagor Dept. of Genetics and Plant Breeding	MoST
41	Efficiency of Moringa Leaf Extract and Neem Leaf extract as seed priming for inducing heat tolerance in wheat	Prof. Sharif-Ar-Raffi Dept. of Genetics and Plant Breeding	MoST
42	Biochemical and molecular marker-based characterization of selected heat tolerant wheat lines from different heat stressed locations	Prof. Sharif-Ar-Raffi Dept. of Genetics and Plant Breeding	BAU
43	Molecular marker based .....in onion	Prof. Dr. Mohd. Rashed Hossain Dept. of Genetics and Plant Breeding	UGC
44	Characterization of black tomato and potato breeding lines for abiotic stress tolerance	Prof. Dr. Jobadatun Naher Dept. of Genetics and Plant Breeding	BAU
45	Assess the Small-Scale Income from Adopted Climate Resilient Agricultural Practices for Vegetable Cultivation by the Rural Women to Maintain their Livelihood in Haor Areas	Prof. Dr. Shonia Sheheli Dept. of Agricultural Extension Education	MoST
46	Effectiveness of Project-based Group Extension Approaches for Technology Transfer in Bangladesh	Prof. Dr. M. Hammadur Rahman Dept. of Agricultural Extension Education	BAU
47	Development of suitable adaptation innovations to climate change: A farm Level Study of charland areas in Bangladesh	Prof. Dr. Md. Asaduzzaman Sarker Dept. of Agricultural Extension Education	BAU
48	Exploring Challenges and Opportunities of Prescription-Based Pesticide Use in Safe Vegetable Production: A Farmers' and Extension Professionals' Perspectives	Prof. Dr. Mohammed Nasir Uddin Dept. of Agricultural Extension Education	BAU
49	Exploring farmers' need for capacity development in high value vegetable cultivation	Prof. Dr. Iffat Ara Mahzabin Dept. of Agricultural Extension Education	BAU
50	Needs of Smallholder Farmers to Strengthen their Capacity for Climate-Resilient Agriculture and the Role of Extension Services in Char Areas under Jamalpur District	Prof. Dr. Md. Golam Farouque Dept. of Agricultural Extension Education	BAU
51	Toxic heavy metal contents in common insecticides and fungicides available in the markets of Bangladesh and their loads to firm soils	Prof. Dr. Md. Zakir Hossen Dept. of Agricultural Chemistry	MoST
52	Assessment of rice grain quality in relation to the use of Pseudomonas mosselli for micronutrients biofortification	Prof. Dr. Razia Sultana Dept. of Agricultural Chemistry	MoST

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
53	Soil degradation and health concerns in the tobacco cultivation zones of south-western Bangladesh	Md. Arifur Rahman Dept. of Agricultural Chemistry	MoST(R & D)
54	Formulation of slow release biochar bound urea fertilizer for Increasing yield, nutritional quality and nitrogen use efficiency of Maize	Ms. Sanjida Yeasmin Etu Dept. of Agricultural Chemistry	MoST(R & D)
55	Trace metal contamination in winter vegetables with their associated topsoils and their human health implications of Jashore District in Bangladesh	Mr. Protyasha Biswas Dept. of Agricultural Chemistry	MoST(R & D)
56	Investigation of nutritional composition of seaweed extracts and their simultaneous with PGPR in tomato production	Prof. Dr. Atiqur Rahman Dept. of Agricultural Chemistry	BAU
57	Unraveling pharmacological potentials of Jute ( <i>Corchorus olitorius</i> L.) leaves through experimental and in silico investigations	Prof. Dr. Md. Abdul Hannan Dept. of Biochemistry and Molecular Biology	MoST
58	Nutritional properties and functional characteristics of various kinds of pulses consumed in Bangladesh: A comparative study	Prof. Dr. Md. Tofazzal Hossain Dept. of Biochemistry and Molecular Biology	MoST
59	Quality and safety of mustard honey as affected by capping ration	Prof. Dr Md Golam Mortuza Dept. of Biochemistry and Molecular Biology	MoST
60	Assessing the effect of energy and electrolyte drinks on the development of metabolic syndromes in mice.	Md. Kamrul Hasan Kazal Dept. of Biochemistry and Molecular Biology	MoST(R & D)
61	Bioactive Compounds and Functional Properties in Dipogon lignosus Bean	Most. Khadiza Khatun Dept. of Biochemistry and Molecular Biology	MoST(R & D)
62	Antioxidant Capacity of Chitosan on Chilli ( <i>Capsicum frutescens</i> L.) under Salinity Stress	Dr. Shuma Rani Ray Dept. of Biochemistry and Molecular Biology	BAU
63	Valuing ecosystem services and carbon sequestration potential of agroforestry practices in Madhupur Garh for mitigating climate change impacts	Prof. Dr. Kazi Kamrul Islam Dept. of Agroforestry	MoST
64	Valuing ecosystems goods and services of different agroforestry practices of Madhupur Garh for mitigating climate change impacts	Prof. Dr. Kazi Kamrul Islam Dept. of Agroforestry	BAU
65	Productivity Evaluation Of Medicinal Tree-Based Agroforestry Practices And Its Effect On Soil Environment	Prof. Dr. Md. Abdul Wadud Dept. of Agroforestry	MoST
66	Evaluation of yield performance and phytochemical properties of Shimulmul ( <i>Bombax ceiba</i> ) medicinal plant under fruit tree- based agroforestry practice in Mymensingh district	Nasima Akther Roshni Dept. of Agroforestry	MoST(R & D)
67	Assessment of Plant Community Structure, Biodiversity and Carbon Sequestration Potentials of Urban forests as sustainable urban planning strategies in Mymensingh City, Mymensingh	Nasima Akther Roshni Dept. of Agroforestry	BAU
68	Impact of tobacco Cultivation on Soil and water Quality in Three tobacco Farming Hotspot of Bangladesh	Prof. Dr. M.A. Farukh Institute of Environmental Science and Disaster Management	UGC
69	Comparative Analysis of Phytoremediation Potential of Cotton and Dhaincha from Soil	Kaniz Fatema Usha Institute of Environmental Science and Disaster Management	BAU
70	Assessment of Air Quality: PM2.5, PM10 and Carbon Monoxide Levels in Dhaka, Mymensingh, and Gazipur	Shah Tasdika Auyon Institute of Environmental Science and Disaster Management	BAU
71	Preparation of Biochar Coated Urea Fertilizer to Reduce the Nitrogen Loss and Increase the Utilization	Prof. Dr. Md. Khairul Hassan Bhuiyan Dept. of Physics	BAU
72	Spatiotemporal Analysis of Growth- Stage Specific Compound Climate Extremes for Rice in Bangladesh: Insights from Concurrent and Consecutive Events	Ummoy Sumaia Shamy Dept. of Agrometeorology	MoST(R & D)
73	Effects of season on in vitro maturation rate of cattle and buffalo Oocytes	Ireen Akter Graduate Training Institute (GTI)	MoST(R & D)
74	Molecular Characterization of Mango ( <i>Mangifera indica</i> ) Genotypes Using ISSR (Inter simple sequence repeat) Marker	Sadia Zafrin Institute of Biotechnology	BAU
75	Distinguishing three species of Dragon fruit ( <i>Hylocereus</i> spp) cultivated in Bangladesh using morphological traits and SSR Marker	Prof. Dr. Md. Shahidul Islam Institute of Biotechnology	BAU
76	Decoding Wheat Blast in Bangladesh: Genetic Insights and Evolving Threats	Prof. Dr. Fahmida Khatun Institute of Biotechnology	BAU

টেকনিক্যাল কমিটির সম্মানিত অর্গানাইজারকে সাপোর্ট স্টাফের মাধ্যমে আগামি ০৭/০৫/২০২৬ তারিখে বাউরেস কার্যালয় থেকে কর্মশালার উপকরণ (ব্যাগ, প্যাড কলম, ব্যানার, বিতরণ তালিকা) সংগ্রহ করার জন্য অনুরোধ করা হলো। এমতাবস্থায় প্রধানগণকব্দ অবহিত করাসহ সংশ্লিষ্ট কমিটিকে অধিবেশনটি সুষ্ঠুভাবে পরিচালনার জন্য চেয়ারপারসন মহোদয়কে সনির্বন্ধ অনুরোধ করা হলো।

ধন্যবাদান্তে,



পরিচালক, বাউরেস

সদয় অবগতি ও প্রয়োজনীয় ব্যবস্থাহরণের জন্য প্রেরণ করা হলো।

- ০১। Prof. Dr. Sharif-Ar-Raffi, Dept. of Genetics and Plant Breeding
- ০২। Prof. Dr. Mahmud Hossain Sumon, Dept. of Soil Science
- ০৩। Prof. Dr. Mohammad Anowar Hossain, Dept. of Biochemistry and Molecular Biology  
Prof. Dr. Mohammad Shahjahan Monjil, Dept. of Plant Pathology  
Prof. Dr. Tamanna Haque, Dept. of Horticulture  
Prof. Dr. Sabina Yasmin, Institute of Biotechnology
- ০৪। Prof. Dr. Sharif-Ar-Raffi, Dept. of Genetics and Plant Breeding
- ০৫। Prof. Dr. Mahmud Hossain Sumon, Dept. of Soil Science
- ০৬। সংশ্লিষ্ট প্রধান গবেষকবৃন্দ, সংশ্লিষ্ট  
অফিস কপি, বাকুবি