

PROGRAMME

Annual Workshop on
BAU RESEARCH PROGRESS
2017–2018

19 - 20 January 2019



Bangladesh Agricultural University Research System (BAURES)
Bangladesh Agricultural University, Mymensingh

**Annual Workshop on
BAU RESEARCH PROGRESS 2017–2018
19 - 20 January 2019**

Venue and Time Schedule for Technical Sessions

Technical Session 1: Veterinary Science

Chairperson : Prof. Dr. Nazim Ahmed
Dean, Faculty of Veterinary Science

Co-Chairperson : Prof. Dr. A. S. Mahfuzul Bari, Dept. of Pathology
: Prof. Dr. Emdadul Haque Chowdhury, Dept. of Pathology

Organizer : Prof. Dr. Md. Rafiqul Alam, Dept. of Surgery and Obstetrics

Rapporteurs : Prof. Dr. S. M. Lutful Kabir, Dept. of Microbiology & Hygiene
: Dr. Shirin Akter, Dept. of Parasitology
: Dr. Mohammed Nooruzzaman, Dept. of Pathology

Venue : Veterinary Science Faculty Conference Room

Date and Time : 19–01–2019, 2:30 pm to 5:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
1	Identifying deleterious effects of growth promoters in terms of blood profile and toxicity in liver of Broiler chicken	Dr. Nasrin Sultana Associate Professor Dept. of Anatomy and Histology	BAU
2	Effects of <i>Herbal</i> Extracts on <i>Histomorphological</i> Restoration of Pancreas in Diabetic Mice	Prof. Dr. Shonkor Kumar Das Dept. of Anatomy and Histology	BAU
3	Development and Validation of Vaccine Candidates for vthe Control of Bacterial Mastitis in Dairy Cattle in Bangladesh	Prof. Dr. Md. Shahidur Rahman Khan Dept. of Microbiology and Hygiene	MoE
4	Isolation and molecular characterization of poultry Salmonella spp. from field cases and selection of suitable vaccine candidates	Mohammad Ferdousur Rahman Khan Associate Professor Dept. of Microbiology and Hygiene	AU-GC
5	Prevalence and Characteristics of Food Poisoning Bacteria in Ready to Eat (RTE) foods in some Selected areas of Bangladesh	Prof. Dr. Mst. Minara Khatun Dept. of Microbiology and Hygiene	MoE
6	Prevalence and antimicrobial susceptibility profile of <i>Listeria monocytogenes</i> from milk, poultry meat and meat products	Prof. Dr. Mst. Minara Khatun Dept. of Microbiology and Hygiene	BAU
7	Isolation, identification and Characterization of Bacterial Pathogens in Bioslurry from different Biogas Plants of Gazipur and Mymensingh districts of Bangladesh	Prof. Dr. Sukumar Saha Dept. of Microbiology and Hygiene	BAU
8	Isolation and Molecular Detection of Fish Virus Responsible for Catfish(<i>Heteropneustes fossilis</i>) mortality in cultured fish farm of Trishal and Bhaluka Upzalas of Mymensingh	Prof. Dr. Md. Alimul Islam Dept. of Microbiology and Hygiene	BAU
9	Epidemiology of Diarrhoea in Goats Caused by Bacteria and its Control Measures	Prof. Dr. Md. Ariful Islam Dept. of Microbiology and Hygiene	BAU
10	Development of live attenuated duck plague vaccine using local duck plague virus strains	Prof. Dr. Md. Ariful Islam Dept. of Microbiology & Hygiene	NATP-2 CRG
11	Isolation, identification and molecular characterization of <i>Brucella</i> spp. in cattle and goats in Bangladesh	Prof. Dr. Md Ariful Islam Dept. of Microbiology and Hygiene	BAS-USDA
12	Livestock and poultry vaccine research and production centre	Prof. Dr. Md. Ariful Islam Dept. of Microbiology and Hygiene	SP
13	Prevalence and molecular characterization of shiga toxin producing <i>Escherichia coli</i> (STEC) in poultry and their products in Bangladesh	Prof. Dr. Mst. Minara Khatun Dept. of Microbiology & Hygiene	NATP-2 CRG
14	Development and evaluation of formalin killed inactivated egg drop syndrome virus vaccine using local isolates	Prof. Dr. Marzia Rahman Dept. of Microbiology & Hygiene	NATP-2 CRG
15	Molecular characterization of a <i>B. anthracis</i> isolated from the field cases of Bangladesh and selection of vaccine candidates	Prof. Dr. K.H.M Nazmul Hussain Nazir Dept. of Microbiology and Hygiene	BARC
16	An integrated Approach to Establish an Anthrax-free model area in Bangladesh	Prof. Dr. KHM Nazmul Hussain Nazir Dept. of Microbiology and Hygiene	MoE

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
17	Isolation and molecular characterization of <i>Aspergillus flavus</i> (aflatoxin producer) from chick	Prof. Dr. KHM Nazmul Hussain Nazir Dept. of Microbiology and Hygiene	BAU
18	Development, validation and commercialization of low cost livestock and poultry vaccines in collaboration with industry	Prof. Dr. M. Bahanur Rahman Dept. of Microbiology & Hygiene	JMI Vaccine Ltd
19	Motility analysis of <i>E. coli</i> isolated from birds and animals	Dr. Md. Shafiqul Islam Associate Professor Dept. of Microbiology and Hygiene	BAU
20	First Time Isolation and Molecular Characterization of Circulating <i>Leptospira</i> Specis in Dairy Cattle and Human in Some Selected areas of Bangladesh	Dr. Md. Shafiqul Islam Associate Professor Dept. of Microbiology and Hygiene	MoE
21	An epidemiological investigation of bovine genital campylobacteriosis of bulls in Mymensingh	Prof. Dr. S. M. Lutful Kabir Dept. of Microbiology and Hygiene	BAU
22	Analysis of heavy metals and food-borne pathogens in fresh vegetables	Prof. Dr. S.M. Lutful Kabir Dept. of Microbiology and Hygiene	FAO
23	Prevalence study, isolation, molecular detection and antimicrobial resistant pattern of shiga-toxin producing <i>Escherichia coli</i> from chicken and duck by multiplex PCR and PFGE	Dr. Marzia Rahman Dept. of Microbiology and Hygiene	BAU
24	Isolation and characterization of causal agents of duck diseases from recent outbreak areas of Bangladesh	Dr. Muha. Tofazzal Hossain Assoc. Prof. Dept. of Microbiology and Hygiene	BAU
25	Seroprevalence and molecular detection of <i>Mycoplasma gallisepticum</i> in layer chicken in selected areas in Bangladesh.	Prof. Dr. Md. Tanvir Rahman Dept. of Microbiology and Hygiene	BAU

Technical Session 2: Veterinary Science

Chairperson	:	Prof. Dr. Md. Rafiqul Islam, Dept. of Pathology
Co-Chairperson	:	Prof. Dr. Farida Yeasmin Bari, Dept. of Surgery and Obstetrics
	:	Prof. Dr. Md. Abu Hadi Noor Ali Khan, Dept. of Pathology
Organizer	:	Prof. Dr. Sukumar Saha, Dept. of Microbiology & Hygiene
Rapporteurs	:	Prof. Dr. Md. Hassanurzzaman Talukder, Dept. of Parasitology
	:	Prof. Dr. Md. Shafiqul Islam, Dept. of Pharmacology
	:	Dr. Afrina Mustari, Dept. of Physiology

Venue : Veterinary Science Faculty Conference Room

Date and Time : 20-01-2019, 9:00 am to 2:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
26	A Study to design protocols for the detection and management of multi drug and extensively drug resistance Tuberculosis (TB) in farmers, dairy, slaughtered and zoo animals of Bangladesh	Prof. Dr. Md. Abu Hadi Noor Ali Khan Dept. of Pathology	BAS-USDA
27	Community engagement in biosecurity (CEB) for the prevention of infectious diseases of poultry based on epidemiological risk analysis	Prof. Dr. Md. Rafiqul Islam Dept. of Pathology	KGF
28	Improving the animal health and productivity through mobile veterinary services	Prof. Dr. Emdadul Haque Chowdhury Dept. of Pathology	KGF
29	Irradiation of transboundary animal disease (TAD) pathogens as vaccines and immune inducers)	Prof. Dr. Emdadul Haque Chowdhury Dept. of Pathology	IAEA
30	Disorders/diseases of lungs of sheep: a pathological and bacteriological study	Prof. Dr. Md. Mokbul Hossain Dept. of Pathology	AU-GC
31	Prevention and control of poultry <i>Salmonella</i> infections in selected poultry farm	Prof. Dr. Md. Mokbul Hossain Dept. of Pathology	BAS-USDA
32	Detection of pathogenic <i>Escherichia coli</i> and <i>Salmonella</i> in the garden vegetable using untreated poultry waste and their antibiogram profile	Dr. Mohammed Nooruzzaman Assistant Professor Dept. of pathology	BAU
33	Epidemiological-pathological investigation and molecular characterization of <i>Ascaridia galli</i> in backyard chickens in Mymensingh Sadar Upazila, Bangladesh	Professor Dr. Md. Abdul Alim Dept. of Parasitology	BAU
34	Establishment of methodologies for detection of <i>Babesia</i> ,	Prof. Md. Shahiduzzaman	BAU

	Theileria and Anaplasma in animal and arthropod host in Bangladesh	Dept. of Parasitology	
35	Epidemiological Investigations on the Emerging Neosporosis in Bangladesh	Prof. Dr. Md. Hasanuzzaman Talukder Dept. of Parasitology	BAU
36	Epidemiological investigation of avian malaria parasites in some selective districts of Bangladesh	Prof. Dr. Mohammad Zahangir Alam Dept. of Parasitology	BAU
37	Effects of crystal derived from Stevia rebaudiana leaves on glucose intolerance, neuropathic pain and renal injury in STZ induced type 1 diabetes in rat	Dr. Kazi Rafiqul Islam Associate Professor Dept. of Pharmacology	BAU
38	Species composition and seasonal dynamics of vector mosquitoes in Mymensingh in relation with meteorological factors	Dr. Tahsin Farjana Associate Professor Dept. of Parasitology	BAU
39	Assessment of the impact of climate change on arthropod vectors those transmitting vector borne diseases in Bangladesh	Prof. Dr. Tahsin Farjana Dept. of Parasitology	NATP-2 CRG
40	Molecular characterization of Babesia, Theileria and Anaplasma organism in livestock in Bangladesh	Prof. Dr. Md. Shahiduzzaman Dept. of Parasitology	NATP-2 CRG
41	Molecular characterization of Babesia, Theileria and Anaplasma organism in livestock in Bangladesh	Prof. Dr. Md. Shahiduzzaman Dept. of Parasitology	NATP-2 CRG
42	Diffusion and spatial pattern of veterinary antibiotics and anabolic steroids from poultry and animal manure to the terrestrial environment, fish and vegetables, and adaptation of effective mitigation approach	Dr. Md. Mahmudul Hasan Sikder Associate Professor Dept. of Pharmacology	BAU
43	Discriminate and indiscriminate uses of antibiotics in chicken and investigation of presence of antibiotic residues in different edible tissues and products: A public health hazard study in Bangladesh	Prof. Dr. Md. Shafiqul Islam Dept. of Pharmacology	BAU (Em. Fund)
44	Development of on-site BAU Mastitis Test for the detection of subclinical bovine mastitis	Prof. Md. Taohidul Islam Dept. of Medicine	BAU
45	Production and Evaluation of Anti-PPRV sera against Peste des petits Ruminants in Goats	Prof. Dr. Md. Taohidul Islam Dept. of Medicine	MoE
46	Exploring antimicrobial resistance genes in bacterial isolates from red meat of cattle	Prof. Dr. Md. Taihidul Islam Dept. of Medicine	BAS-USDA
47	Assessment of effectiveness of avian influenza vaccination in commercial layer birds in Bangladesh	Prof. Dr. Md. Taohidul Islam Dept. of Medicine	NATP-2 CRG
48	Molecular Epidemiology of Mycobacterium Bovis Infection in Animals and Man in Bangladesh	Prof. Dr. Md. Mahbub Alam Dept. of Medicine	USDA
49	Management of External Wounds Using Autogenous Full-Thickness and Mesh Skin Grafts in Goats	Prof. Md. Rafiqul Alam Dept. of Surgery & Obstetrics	BAU
50	A field study on survivability of vitrified embryos in Bangladeshi native sheep	Prof. Dr. Farida Yasmin Bari Dept. of Surgery & Obstetrics	NATP-2 CRG
51	Investigation on capture myopathy in spotted deer in Bangladesh	Prof. Dr. Md. Mahmudul Alam Dept. of Surgery and Obstetrics	BAU
52	Ultrasound Guided Diagnosis and Effective Treatment of Postpartum anoestrus in Crossbred Friesian Cows at Selected Areas of Bangladesh	Prof. Dr. Mohammad Musharraf Uddin Bhuiyan Dept. of Surgery and Obstetrics	BAU
53	Application of nuclear and genomic tools for genetic improvement of crossbred Friesian cattle in Bangladesh	Prof. Dr. Moh. Musharraf Uddin Bhuiyan Dept. of Surgery and Obstetrics	IAEA
54	Application of Non-steroidal Anti-inflammatory Drug of Wound Healing in Goats	Prof. Dr. Md. Mizanur Rahman Dept. of Surgery and Obstetrics	BAU
55	Ultrasonographic and radiographic examination with proper management of suspected urinary tract diseases in ruminants	Raihana Nasrin Ferdousy Assistant Professor Dept. of Surgery & Obstetrics	AU-GC
56	Umbilical Hernia: Ultrasonographic Monitoring and Its Suitable Methods of Surgical Correction in Calves	Dr. Moinul Hasan Lecturer, Dept. of Surgery and Obstetrics	AU-GC
57	Epidemiological and patho-biological investigation of repeat breeding syndrome and development of strategies for improving the fertility of repeat breeder daily cattle	Prof. Dr. Nasrin Sultana Juyena Dept. of Surgery and Obstetrics	KGF
58	Substantial development of genetic potential for improved productivity in cattle through manipulative reproduction technology	Prof. Dr. Nasrin Sultana Juyena Dept. of Surgery and Obstetrics	NATP-2 CRG

Technical Session 3: Agriculture

Chairperson	: Prof. Dr. M. Jahiruddin Dean, Faculty of Agriculture
Co-Chairperson	: Prof. Dr. M. Rafiqul Islam-1, Dept. of Soil Science : Prof. Dr. Muhammad Aslam Ali, Dept. of Environmental Science
Organizer	: Prof. Dr. A.K.M Zakir, Dept. of Crop Botany
Rapporteurs	: Prof. Dr. Gopal Das, Dept. of Entomology : Dr. A. K. M. Mominul Islam, Dept. of Agronomy : Dr. Md. Shofiqul Islam, Dept. of Soil Science : Dr. Aleya Ferdousi, Dept. of Plant Breeding and Genetics
Venue	: Syed Nazrul Islam Conference Hall, BAURES

Date and Time : 19-01-2019, 2:30 pm to 5:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
1	Improvement of dry direct seeded boro rice based cropping pattern through climate smart technologies and its adoption in drought-prone areas	Prof. Dr. Md. Moshir Rahman Dept. of Agronomy	NATP-2 CRG
2	Development of Integrated Weed Management System for Dry bed direct seeded boro rice based cropping pattern	Prof. Dr. Md. Moshir Rahman Dept. of Agronomy	BAS-USDA
3	Increasing Water saving in Dry Direct Seeded Boro Rice Through Agronomic Manipulation	Prof. Dr. Md. Moshir Rahman Dept. of Agronomy	BAU
4	Development of sustainable biological weed management technique through allelochemicals from crop residues	Prof. Dr. M. Romij Uddin Dept. of Agronomy	NATP-2 CRG
5	Assessment of cropping pattern fallow-Fallow-T. aman rice with Wheat-Jute-T. aman rice in Char areas of Netrakona region	Prof. Dr. Md. Romij Uddin Dept. of Agronomy	BAU
6	Development of sustainable technologies for improving nutrient and water use efficiency in rice to ensure food security and environmental quality in Bangladesh	Prof. Dr. Md. Romij Uddin Dept. of Agronomy	BARC
7	Enhancing the crop productivity through adoption of climate smart technologies in the salinity area of BD	Prof. Dr. Md. Abdul Kader Dept. of Agronomy	NATP-2 CRG
8	Development of salinity tolerant rice cultivar through transformation of plasma-membrane and tonoplast Na ⁺ /H ⁺ antiporter genes	Prof. Md. Abdul Kader Dept. of Agronomy	MoE
9	Morphological and physiological characterization of wild rice for their better utilization in improvement of cultivated rice?	Prof. Dr. Md. Abdul Kader Dept. of Agronomy	BAU
10	Management of acid soils	Prof. Dr. M. Anamul Hoque Dept. of Soil Science	NATP-2 CRG
11	Plant Need Based Nitrogen management in Rice for Sustainable Agriculture	Dr. Sabina Yeasmin Assoc. Prof. Dept. of Agronomy	AU-GC
12	Weed Diversity in Field Crops of Bangladesh Agricultural University	Prof. Dr. Mahfuza Begum Dept. of Agronomy	BAU
13	Physiological Response of Water Plant Under System of water Intensification (SWI)	Prof. Dr. Ahmed Khairul Hasan Dept. of Agronomy	BAU
14	Maximizing yield and nutritional quality of faba bean (<i>Vicia faba</i> L.) through management practices	Dr. Swapan Kumar Paul Dept. of Agronomy	BAU
15	Development of integrated and cost-effective weed control methods in transplanted rice	Prof. Dr. Md. Abdus Salam Dept. of Agronomy	BAU
16	Improved crop management and strengthened seed supply system for drought-prone rainfed lowlands in South Asia	Prof. Dr. Md. Abdus Salam Dept. of Agronomy	EC-IFAD
17	Screening of Medicinal Plants for their Allelopathic Potential to Develop Bioherbicides for Sustainable Weed Management in Rice	Dr. A K M Mominul Islam Dept. of Agronomy	BAU
18	Effect of variety, date of planting and level of phosphorus on the growth and yield of French bean	Dr. F M Jamil Uddin Dept. of Agronomy	BAU
19	Mitigating greenhouse gas (GHG) emission from rice based cropping system through efficient fertilizer and water management	Prof. Dr. Md. Rafiqul Islam-1 Dept. of Soil Science	KGF
20	Biofortification of zinc and iron in cereals by fertilizer use variety selection	Prof. Dr. M. Jahiruddin Dept. of Soil Science	BAS-USDA
21	Improvement of soil fertility and crop productivity through nutrient management and conservation agriculture in the triple	Prof. Dr. M. Jahiruddin Dept. of Soil Science	KGF

	cropping		
22	Adoption of drought tolerant rice varieties in northwestern Bangladesh: Constraints and measures at farmers' level	Dr. Md. Anwarul Abedin Associate Professor Dept. of Soil Science	BAU
23	Reducing arsenic and cadmium accumulation in rice through water management	Prof. Dr. Md. Rafiqul Islam-2 Dept. of Soil Science	AU-GC
24	Improving Soil Resilience to Climate Change for Sustainable Crop Production Through Climate Smart Agricultural Technologies	Dr. M. Mofizur Rahman Jahangir Associate Professor Dept. of Soil Science	BAU
25	Mineralogy and Potassium Chemistry of Soils from AEZ 29 Northern and Eastern Hills	Prof. Dr. Abu Zofar Md. Moslehuddin Dept. of Soil Science	BAU
26	Household biomass ash as a fertilizer to sustainability improve soil nutrition to enhance rice yields	Prof. Dr. Mahmud Hossain Sumon Dept. of Soil Science	BBSRC
27	Removing inorganic arsenic from rice	Prof. Dr. Mahmud Hossain Sumon Dept. of Soil Science	Nestle Foundation
28	Evaluation of selenium nutrition and its potential fortification strategies in Bangladesh	Prof. Dr. Mahmud Hossain Sumon Dept. of Soil Science	BAS-USDA

Technical Session 4: Agriculture

Chairperson	: Prof. Dr. Md. Ferdous Mondal, Dept. of Horticulture
Co-Chairperson	: Prof. Dr. Md. Azizul Haque, Dept. of Entomology
	: Prof. Dr. Khandakar Shariful Islam, Dept. of Entomology
Organizer	: Prof. Dr. A.K.M. Golam Sarwar, Dept. of Crop Botany
Rapporteurs	: Prof. Dr. Shahanara Begum, Dept. of Crop Botany
	: Dr. Md. Sabibul Haque, Dept. of Crop Botany
	: Dr. Md. Shohidul Alam, Dept. of Agricultural Chemistry

Venue : Agriculture Faculty Conference Room

Date and Time: 19-01-2019, 2:30 pm to 5:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
29	Technology Generation for Shelf Life Extension of Strawberry	Prof. Dr. Md. Ferdous Mondal Dept. of Horticulture	BAU
30	Collection, conservation, characterizations and varietal development of Garlic and onion through selection and Molecular techniques.	Prof. Dr. M.A Rahim Dept. of Horticulture	BAU
31	Utilization of carrot wild relatives for carrot pre-breeding in Bangladesh	Prof. Dr. M. A. Rahim Dept. of Horticulture	ARS-USDA
32	Collection and molecular characterization of brinjal and mango plant genetic resources-two important geographical indication (GT) crops of Bangladesh	Prof. Dr. Md. Golam Rabbani Dept. of Horticulture	BARC
33	Effect of growth regulator, nitrogen and preservatives on the growth, flowering and vase life of gladiolus	Prof. Dr. Md. Habibur Rahman Dept. of Horticulture	AU-GC
34	Characterization and documentation of minor fruits in Bangladesh with special emphasis on coastal and Hilly areas	Prof. Dr. Md. Mokter Hossain Dept. of Horticulture	NATP-2 CRG
35	Investigation on salt stress tolerance level of high value horticultural crops through hydroponic culture system	Prof. Dr. Md. Mokter Hossain Dept. of Horticulture	BAU
36	Morpho-Molecular Characterization and Development of Improved Postharvest Handling Techniques for Mango in Bangladesh	Prof. Dr. Md. Rezaul Karim Dept. of Horticulture	MoE
37	Study on Plant Growth and Planting Dates on Yield and Quality of Summer	Dr. Md. Rezaul Karim Dept. of Horticulture	BAU
38	Surveillance of Guava Fruit Fly, <i>Bactrocera Correcta</i> (Bezzi) and Its Management through Integrated Approach for Safe Guava Production	Prof. Dr. Khandakar Shaiful Islam Dept. of Entomology	BAU
39	Eco-friendly management of sugarcane stem borer with special emphasis on the use of the parasitoid <i>Tridogamma</i> sp.	Prof. Dr. Khandakar Shaiful Islam Dept. of Entomology	BAS-USDA
40	Detection of resistance of eggplant fruit and shoot borer (EFSB), <i>leucinodes orbonalis</i> guenee (Pyralidae, Lepidoptera) to diamide and Its cross resistance to other compounds	Prof. Dr. Khandakar Shaiful Islam Dept. of Entomology	EFSB
41	Sustainable management of maize insect pests with special emphasis of the corn borer, the emerging species through innovative, participatory and cell research	Prof. Dr. Khondoker Shaiful Islam Dept. of Entomology	KGF
42	Improved detection, monitoring and management of two major beetle pests in stored grain through use of a multispecies lure and reduced risk insecticide	Prof. Dr. Mahbuba Jahan Dept. of Entomology	BARC
43	Foraging behaviour of honeybee and seasonal variation of honey production and its qualities in selected areas (Project No.2015/75/BAU)	Prof. Dr. Mahbuba Jahan Dept. of Entomology	BAU

44	Effectiveness of Some Selected Botanicals and New Generation Insecticides for the Management of Maize aphid, <i>Rhopalosiphum maidis</i>	Prof. Dr. Kazi Shahanara Ahmed Dept. of Entomology	AU-GC
45	Sustainable management of major Sucking Insect Pests of Vegetables through Biorational Insecticide Based IPM Packages	Prof. Dr. Mohammad Mahir Uddin Dept. of Entomology	MoE
46	Management of Major Hemipteran Insect Pests of Vegetable Crops Using Biorational Insecticides	Prof. Dr. Mohammad Mahir Uddin Dept. of Entomology	BAU
47	Evaluation of certain bio- and reduced-risk pesticides against brinjal shoot and fruit borer, <i>Leucinodes orbonalis</i> based on spraying time and threshold level	Dr. Gopal Das Dept. of Entomology	BAU
48	Evaluation of endocrine biopesticides against major sucking insect pests of vegetables	Prof. Dr. Gopal Das Dept. of Entomology	NATP-2 CRG
49	Laboratory and field evaluation of entomopathogenic fungal biopesticide against soft-bodied insect pests of vegetable	Prof. Dr. Mohammad Tofazal Hossain Howlader Dept. of Entomology	BAU
50	Molecular characterization of the native Beauveria and Metarhizium strains of Bangladesh and their virulence against sucker insect pests of vegetables	Prof. Dr. Moha. Tofazal Hossain Howlader Dept. of Entomology	BAS-USDA

Technical Session 5: Agriculture

Chairperson	: Prof. Dr. M. Bahadur Meah, Dept. of Plant Pathology
Co-Chairperson	: Prof. Dr. Md. Golam Rabbani, Dept. of Horticulture : Prof. Dr. Kazi Shahanara Ahmed, Dept. of Entomology
Organizer	: Prof. Dr. Md. Mokter Hossain, Dept. of Horticulture
Rapporteurs	: Prof. Dr. Mohammed Nasir Uddin, Dept. of Agricultural Extension Education : Dr. Azharul Islam, Dept. of Environmental Science : Dr. Swapan Kumar Paul, Dept. of Agronomy

Venue : Syed Nazrul Islam Conference Hall, BAURES

Date and Time : 20-01-2019, 9:00 am to 2:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
51	Assessing Field Performances of Allamanda Tablet in controlling Nemic and Viral diseases of Garlic and some Vegetables	Prof. Dr. M Bahadur Meah Dept. of Plant Pathology	BAU
52	Management of wheat blast caused by <i>Magnaporthe oryzae</i> pathotype <i>Tritium</i>	Prof. Dr. M. Bahadur Meah Dept. of Plant Pathology	KGF
53	Sustainable management of flower and fruit dropping of mango	Prof. Dr. Ismail Hossain Dept. of Plant Pathology	KGF
54	Determination of seed and field health standard for blast and bacterial leaf blight (BLB) disease of rice	Prof. Dr. Md. Rashidul Islam Dept. of Plant Pathology	BAU
55	Holistic Approach to control citrus greening an emerging threat for expansion of citrus cultivation in Bangladesh	Prof. Dr. Md. Rashidul Islam Dept. of Plant Pathology	MoE
56	Molecular and phenotypic characterization of <i>Xanthomonas oryzae pv. oryzae</i> races from Bangladesh	Prof. Dr. Md. Rashidul Islam Dept. of Plant Pathology	IFS
	Phenotypic and genotypic analyses of late blight pathogen, phytophthora infestans and its biological control	Prof. Dr. Md. Rashidul Islam Dept. of Plant Pathology	BAS-USDA
57	Ecological approaches to ensuring food security- A learning platform for understanding and advancing conservation agriculture in Africa and Asia	Prof. Dr. Md. Rashidul Islam Dept. of Plant Pathology	IIDRC
58	Bio-stimulation by endotrophic arbuscular mycorrhizae for management of wilt complex of brinjal	Prof. Dr. Md. Atiqur Rahman Khokon Dept. of Plant Pathology	BAU
59	Genetic Diversity analysis of rice blast pathogen for developing sustainable Management	Prof. Dr. Md. Atiqur Rahman Khokon Dept. of Plant Pathology	MOE
60	Effect of Tricho-suspension for management of viral diseases of vegetable	Prof. Dr. Mohammad Delwar Hossain Dept. of Plant Pathology	BAU
61	Evaluation of resistance inducing elicitors, plant activators, bioagents and fungicides for potential application in the management of Blast of wheat	Prof. Dr. Mohammad Shahjahan Monjil Dept. of Plant Pathology	BAU
62	Environment-Friendly management of Alternaria Leaf Spot Disease of Mustard-Rapeseed	Prof. Dr. Muhammed Ali Hossain Dept. of Plant Pathology	BAU
63	Elucidate the effect of drought tolerant microbes (<i>Trichoderma/pseudomonas</i>) on drought responses of rice in Bangladesh	Prof. Dr. Muhammed Ali Hossain Dept. of Plant Pathology	IRRI
64	Meristem Culture and Screening of Somaclones in Vitro for quality seed potato Production	Prof. Dr. M. Obaidul Islam Dept. of Crop Botany	BAU
65	Polyhouse Technology for Raising Quality Seedlings Averting Winter Cold Injury and Harvesting High Yield of Boro-rice	Prof. Dr. M. Habibur Rahman Pramanik Dept. of Crop Botany	BAU
66	Utilization of biological nitrification inhibition (BNi) function for increasing nitrogen use efficiency in cereal production systems	Prof. Dr. A.K.M. Zakir Hossain Dept. of Crop Botany	BAS-USDA

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
67	Production Potential of Sunflower Gemplasams in Salt Affected Areas towards food Security in Bangladesh	Prof. Dr. Md. Zakir Hossain Dept. of Crop Botany	MoE
68	Improving dietary intake of omega-3 fatty acids for pre-school children and lactating mothers through farmer's friendly Chia seed Production in Bangladesh	Prof. Dr. Md. Alamgir Hossain-1 Dept. of Crop Botany	MoE
69	Availability of cruciferous vegetables throughout the year in Bangladesh: A novel approach for human cancer prevention	Prof. Dr. Md. Alamgir Hossain Dept. of Crop Botany	BAU
70	Evaluation of rice genotypes for submergence tolerance based on morpho-physiological traits	Prof. Dr. Md. Alamgir Hossain-2 Dept. of Crop Botany	BAU
71	Screening of Wheat Genotypes for drought tolerance based on Physiological and Biochemical Attributes	Prof. Dr. Md. Alamgir Hossain-2 Dept. of Crop Botany	MoE
72	Collection and Characterization of Flax Genetic Resources for high value fibre production	Prof. Dr. A.K.M. Golam Sarwar Dept. of Crop Botany	MoE
73	Screening of hybrid rice cultivars against low temperature induced spikelet sterility	Prof. Dr. A.K.M. Golam Sarwar Dept. of Crop Botany	BAU
74	Off-season production potentials of water melon in winter using polytunnel technology	Prof. Dr. Md. Abdul Awal Dept. of Crop Botany	BAU
75	High temperature tolerant rice development by using fatty acid desaturase mutant	Prof. Dr. Israt Jahan Shelley Dept. of Crop Botany	BAU
76	Photophysiology, antioxidative capacity and flavonoid content in maize shoot as influenced by salinity and drought	Prof. Dr. Md. Nesar Uddin Dept. of Crop Botany	BAU
77	Genotypic Difference in Photosystem II Efficiency, Photosynthesis, Pollen Vitality and Antioxidant Activities of Tomato Under Heat Stress	Dr. Md. Sabibul Haque Associate Professor Dept. of Crop Botany	BAU
78	Collection and characterization of potential gemplasm of rope-seed mustard & participatory salt tolerant short duration variety development for increasing cropping intensity in Southern Bangladesh	Prof. Lutful Hassan Dept. of Genetics & Plant Breeding	KGF
79	Food and Nutritional Security; Production and Dissemination of Stress Tolerant and Nutritional Rice Varieties to the Farm Families	Prof. Dr. Lutful Hassan Dept. of Genetics & Plant Breeding	BAU
80	Resistant breeding for salinity stress tolerance in Rice	Prof. Dr. Lutful Hassan Dept. of Genetics and Plant Breeding	BARC
81	Development of an Entrepreneurial Ecosystem at Bangladesh Agricultural University	Prof. Dr. Lutful Hassan Dept. of Genetics and Plant Breeding	Netherlands
82	Detection of an Indispensable Novel Gene I against Bean Common Mosaic Virus in Country Bean Genotypes for Safe Vegetable Production	Prof. Dr. Md. Ashraf Haque Dept. of Genetics & Plant Breeding	BAU
83	Performance of breeding lines and multiplication of breeders seeds of rice	Prof. Dr. Md. Ashraf Haque Dept. of Genetics & Plant Breeding	IRRI
84	Development of drought tolerant lentils for enhancing its productivity in drought prone areas of Bangladesh	Prof. Dr. Md. Amir Hossain Dept. of Genetics and Plant Breeding	MoE
85	Development of Synthetic Hexaploid Wheat (SHW): A new avenue of improving cultivated wheat for grain quality, biotic and abiotic stress tolerances	Prof. Dr. Shanif-Ar Raffi Dept. of Genetics and Plant Breeding	MoE
86	Phenotypic Characterization of Lentil Genotypes under drought stress and protective roles of exogenous Salicylic acid	Prof. Dr. Md. Amir Hossain Dept. of Genetics & Plant Breeding	AU-GC
87	Differential role of tetraamines: spermine and thomospermine in Arabidopsis thaliana	Prof. Dr. G. H. M. Sagor Dept. of Genetics & Plant Breeding	BAU

Technical Session 6: Agriculture

Chairperson : Prof. Dr. M. Abul Hashem, Dept. of Soil Science
 Co-Chairperson : Prof. Dr. Lutful Hassan, Dept. of Genetic and Plant Breeding
 : Prof. Dr. Mahfuza Begum, Dept. of Agronomy
 Organizer : Prof. Dr. Mohammad Mahir Uddin, Dept. of Entomology
 Rapporteurs : Prof. Dr. Md. Romij Uddin, Dept. of Agronomy
 : Prof. Dr. Md. Rezaul Karim, Dept. of Horticulture
 : Dr. Md. Harun Or Rashid, Dept. of Agronomy

Venue : Agriculture Faculty Conference Room

Date and Time : 20-01-2019, 9:00 am to 2:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
88	Capacity building of farmers on low external-inputs for vegetable cultivation for enhancing food safety & security	Prof. Dr. Md. Golam Farouque Dept. of Agricultural Extension Education	MoE
89	The Influence of Social Networks on Information Acquisition and Adoption of Soil Fertility management Technologies	Prof. Dr. Md. Golam Farouque Dept. of Agricultural Extension Education	AU-GC
90	Effect of Training on the Skills Development of Potato Farmers in a Selected Area of Shibganj Upazila Under Bogra District	Prof. Dr. Mohammad Jial Hoque Dept. of Agricultural Extension Education	BAU
91	Earmers' Awareness And Use Of Internet Based Sources In Receiving Technological Information	Prof. Dr. Md. Hammadur Rahman Dept. of Agricultural Extension Education	BAU
92	Empowerment of Rural Women through Livestock Initiatives	Toma Deb Nath, Assistant Professor Dept. of Agricultural Extension Education Mr. Rahat Ahmed Juice (In charge Dept. of Agricultural Economics	BAU
93	Solation and Characterization of Phamaceutical Compounds of Aloe Vera Grown Under Different Fertilizer Management in Some Soil Types of Bangladesh	Prof. Dr. Md. Akhter Hossain Chowdhury Dept. of Agricultural chemistry	BAU
94	Development of Sustainable Production technology for natural Food grade dry from bixa orellana (Doi gota) and related analysis of extracts and final products	Prof. Dr. Hari Pada Seal Dept. of Agricultural Chemistry	MoE
95	Detection and Management of Mycotoxin Contamination in Poultry Feeds and Products	Dr. Md. Shohidul Alam Associate Professor Dept. of Agricultural Chemistry	MoE
96	Remediation of saline soils using halophytes	Prof. Dr. M. Wahid-U-Zzaman Dept. of Agricultural Chemistry	AU-GC
97	Assessment of water quality of Bhabadah water-logging area of Khulna division and quality of locally grown vegetables irrigated with those water	Prof. Dr. K.M. Mohiuddin Dept. of Agricultural Chemistry	AU-GC
98	Effect of Different Application Methods of Chitosan on Growth, Yield and Quality Attributes of Tomato at Post-harvest Storage	Prof. Dr. Md. Zakir Hossen Dept. of Agricultural Chemistry	BAU
99	Appraisal of Ionic Contamination in Some Polluted River Waters for Irrigation Usage Toward Food Safety: Impact of Industrial Discharge	Prof. Dr. Md. Mokhlesur Rahman Dept. of Agricultural Chemistry	BAU
100	Solvent extraction, isolation of barks and leaves of terminalia Arjuna Bedd.	Prof. Mr. Kartik Chandra Saha Dept. of Agricultural Chemistry	BAU
101	Investigation of Bioactive Constituents Produced by Marine Microorganisms Against Phytopathogens and Plant Growth Promotion	Prof. Dr. Atiqur Rahman Dept. of Agricultural Chemistry	BAU
102	Nutritional Profiling of Genetically Modified Brinjal (<i>Solanum melongena</i>) Cultivars in Bangladesh	Dr. Md. Shohidul Alam, Assistant Prof. Dept of Agricultural Chemistry	BAU
103	Analysis of heavy metals and food-borne pathogens in fresh vegetables	Prof. Dr. Qazi Forhad Kadir Dept. of Agricultural Chemistry	FAO
104	Formulation of Sajna (<i>Moringa Oleifera</i>) Leaves and Turmeric Rhizome Supplemented Feed and its Effect on the Growth Performances, Biochemical Profiles and Intestinal Microflora of Broiler Chickens	Dr. Md. Abdul Hannan, Assoc. Prof./ Presented by Md. Anif Sakib Dept. of Biochemistry and Molecular Biology	BAU
105	Nutritional Food Component Accumulation in <i>Shitakundia Seem</i> at Various Stages of Seed Development	Prof. Dr. Md. Golam Mortuza Dept. of Biochemistry and Molecular Biology	BAU
106	Collection, molecular characterization and evaluation of Country bean (<i>Lathyrus purpureus</i> L. Sweet) gemplasm for pod borer resistance	Prof. Dr. Md. Shahidul Haque Dept. of Biotechnology	BAS-USDA

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
107	Micropropagation of turmeric and assessment of genetic fidelity of micropropagated plants by RAPD markers	Prof. Dr. Md. Shahidul Haque Dept. of Biotechnology	BAU
108	<i>In vitro</i> micropropagation of a Valuable Medicinal Plant, Aloe vera	Dr. Sabina Yasmin, Associate Professor Dept. of Biotechnology	BAU
109	Intra-specific genetic variation in tropical sugar beet (<i>Beta vulgaris</i> L.) gemplasm	Prof. Dr. Md. Shahidul Islam Dept. of Biotechnology	BAU
110	Morpho-molecular characterization of underutilized indigenous vegetables in Bangladesh	Prof. Dr. Md. Shahidul Islam Dept. of Biotechnology	NATP-2 CRG
111	Development of environment friendly paddy ecosystem for sustainable rice farming through feasible soil organic amendments and suitable irrigation practices	Prof. Dr. Muhammad Aslam Ali Dept. of Environmental Science	BAU
112	Impact of AWD on farm Income and water Saving (PLA ID: C 2017-62) IIRRI	Prof. Dr. Muhammad Aslam Ali Dept. of Environmental Science	IIRRI
113	Effects of Municipal Wastewater Irrigation on Bioaccumulation and Translocation of Heavy Metals in Soil and Crops	Prof. Dr. Rehana Khatun Dept. of Environmental Science	AU-GC
114	Physicochemical and Microbial Assessment of Different Water Sources in Different Region of Bangladesh	Dr. Md. Azharul Islam Dept. of Environmental Science	MoE
115	Physicochemical and Microbial Assessment of Drinking Water of Different Restaurants at Mymensingh Sadar	Prof. Dr. Md. Azharul Islam Dept. of Environmental Science	BAU
117	Quantitative analysis for the toxic chemical residues in fruits and vegetables using chromatographic techniques of selected markets in Bangladesh	Dr. Md. Azharul Islam Dept. of Environmental Science	NATP-2 CRG
118	Severe Cyclone Events on Crop Vulnerability under Climate Change Conditions – Integration of General Circulation Model (GCM) and Geographic Information System (GIS)	Dr. M. A. Farukh, Associate Professor Dept. of Environmental Science	BAU
119	Assessment of thermal comfort in classrooms of Bangladesh Agricultural University, Mymensingh	Prof. Dr. Md. Shahadat Hossen Dept. of Environmental Science	BAU
120	High-Value-Tree production and year-round fruit, vegetable, flower and seed production through integrated multistrata management technologies	Prof. Dr. M. Abul Hossain Dept. of Seed Science and Technology	AU-GC
121	Isolation, purification and identification of stevioside in stevia leaf powder by High Performance Liquid Chromatography and Thin Layer Chromatography.	Prof. Dr. Md. Khairul Hassan Bhuiyan Dept. of Food Safety Management	BAU

Technical Session 7: Animal Husbandry

Chairperson	:	Prof. Dr. A. K. Fazlul Haque Bhuiyan Dean (in charge), Faculty of Animal Husbandry
Co-Chairperson	:	Prof. Dr. Md. Mujaffar Hossain, Dept. of Animal Science Prof. Dr. Md. Rokibul Islam Khan, Dept. of Animal Science
Organizer	:	Prof. Dr. Md. Hurun-ur-Rashid, Dept. of Dairy Science
Rapporteurs	:	Prof. Dr. Fowzia Sultana, Dept. of Poultry Science Dr. Auvijit Saha Apu, Dept. of Animal Breeding & Genetics Dr. Md. Mohiuddin, Dept. of Animal Nutrition

Venue : Animal Husbandry Faculty Conference Room

Date and Time : 19-01-2019, 2:30 pm to 5:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
1	Study on the production potential of Black-Bengal goat and income generation activities using frozen semen under community-based participatory rearing system	Prof. Dr. Syed Sakhawat Husain Dept. of Animal Breeding and Genetics	BAU
2	Characterization Conservation and Improvement of Red Chittagong Cattle of Bangladesh	Prof. Dr. Md. Fazlul Haque Bhuiyan Dept. of Animal Breeding and Genetics	USDA-World Vision
3	Evaluation of fate and reproductive performance of female calves in a farmers participatory beef breeding program using Brahman bulls	Prof. Dr. Md. Azharul Hoque Dept. of Animal Breeding and Genetics	BAU
4	Genetic improvement of indigestions cattle for production through crossing with Brahman cattle by farmers participatory breeding approach in Bangladesh	Prof. Dr. Md. Azharul Hoque Dept. of Animal Breeding & Genetics	NATP-2 CRG
5	Induced inflammatory stress Mediated response in the	Prof. Dr. Md. Munir Hossain	BAU

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
	Physiology of oocyte maturation and in vitro embryonic development in Indigenous Cattle	Dept. of Animal Breeding and Genetics	
6	Improving lamb production potentiality of native sheep through selection and genetic enhancement	Prof. Dr. Md. Munir Hossain Dept. of Animal Breeding & Genetics	KGF
7	Population genomic analysis of genetic differentiation and selection sweeps in Asian water buffaloes	Prof. Dr. Md. Omar Faruque Dept. of Animal Breeding & Genetics	BAU
8	Impact of community based breeding program for the sustainable genetic improvement of Black Bengal goat	Dr. Auvijit Saha Apu Associate Professor Dept. of Animal Breeding and Genetics	BAU
9	Supplementation of saponin rich Dhaincha (<i>Sesbania aculeata</i>) has the potential to increase milk production and growth performances of Black Bengal Goat	Prof. Dr. Md. Ruhul Amin Dept. of Animal Science	BAU
10	Production of buffaloes embryos from in vitro grown oocytes	Prof. Dr. Mohammad Moniruzzaman Dept. of Animal Science	IFS
11	Effect of feeding systems on lamb carcass and meat quality (Project No.2017/48/BAU)	Prof. Dr. Syed Mohammad Ehsanur Rahman Dept. of Animal Science	BAU
12	Characterization of Poultry Manure Biochar: a tool for Soil Fertility, Bioenergy Supplementation and Environmental Conservation	Prof. Dr. Md. Mukhlesur Rahman Dept. of Animal Science	BAU
13	Potential of leftover energy grass as energy rich co-substrates for biogas production in Bangladesh	Prof. Dr. A. K. M. Ahsan Kabir Dept. of Animal Science	BAU
14	Effect of gamma irradiation on shelf life and quality of livestock and poultry meat	Prof. Dr. Md. Abul Hashem Dept. of Animal Science	BAU
15	Validation of good practices of on farm lamb production system	Prof. Dr. Md. Abul Hashem Dept. of Animal Science	KGF
16	Effect of Feeding Soybean Based Milk Replacer on Pre-and Post-weaning Performance of Black Bengal Goat	Prof. Dr. Mohammad Moniruzzaman Dept. of Animal Science	BAU
17	Use of Earthworm Meal for Broiler Production: An Approach to Produce Alternative Organic Protein for Broiler	Md. Safiqur Rahaman Shishir, Lecturer Dept. of Animal Nutrition Presented by Mr. Hasan Mohammad Murshed Dept. of Animal Science	BAU

Technical Session 8: Animal Husbandry

Chairperson	:	Prof. Dr. Syed Sakhawat Husain, Dept. of Animal Breeding and Genetics
Co-Chairperson	:	Prof. Dr. Md. Ruhul Amin, Dept. of Animal Science, Prof. Dr. Md. Azharul Hoque, Dept. of Animal Breeding & Genetics
Organizer	:	Prof. Dr. Mohammad Moniruzzaman, Dept. of Animal Science
Rapporteurs	:	Prof. Dr. Mohammad Al-Mamun, Dept. of Animal Nutrition Prof. Dr. A. K. M. Ahsan Kabir, Dept. of Animal Science Dr. Bapan Dey, Dept. of Poultry Science

Venue : Animal Husbandry Faculty Conference Room

Date and Time : 20-01-2019, 9:00 am to 2:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
18	Recycling Broiler Processing Plant Waste as Feed For Poultry (Project No. 2018/334/BAU)	Prof. Dr. Khan Md. Shaiful Islam Dept. of Animal Nutrition	BAU
19	Effect of medicinal herbs on cholesterol content of broiler meat	Prof. Dr. Mohammad Al-Mamun Dept. of Animal Nutrition	AU-GC
20	Value addition to feeds and fodder through bioactive component-rice herbs for safe livestock production	Prof. Dr. Al-Mamun Dept. of Animal Nutrition	KGF
21	Value addition to straw for enhancing dairy production in Bangladesh	Dr. Mohammad Mohi Uddin Dept. of Animal Nutrition	KGF
22	Benchmarking cost of milk production in typical dairy farms in	Dr. Md. Mohiuddin	NATP-2

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
	selected regions of Bangladesh: Implications for milk market price and livelihood improvement policy	Dept. of Animal Nutrition	CRG
23	Production of low cholesterol healthy mutton by using natural herbs	Prof. Dr. Mohammad Al-Mamun Dept. of Animal Nutrition	NATP-2 CRG
24	Studies on shelf life extension and post harvest loss of raw liquid milk	Prof. Dr. Nurul Islam Dept. of Dairy Science	BAU
25	Supplementation of Protein Concentrates on the Performances of Dairy Herd Replacement Stock	Prof. Dr. Md. Harun-ur-Rashid Dept. of Dairy Science	BAU
26	Standardization of Mozzarella cheese making technology using microbial rennet	Dr. Raihan Habib Dept. of Dairy Science	BAU
27	Development of low-cost technology for making processed cheese	Prof. Dr. Raihan Habib Dept. of Dairy Science	NATP-2 CRG
28	Effect of Supplementation of Concentrates to the Advanced Pregnant Dairy Animals on Their Performances	Dr. Mohammad Ashiqul Islam Dept. of Dairy Science	BAU
29	Effect of calf starter on the growth performance of dairy calf	Dr. Mohammad Shohel Rana Siddiki Dept. of Dairy Science	BAU
30	Value addition through bee honey and fresh ginger extract on the quality of spent hen sausages	Prof. Dr. Md. Shawkat Ali Dept. of Poultry Science	AU-GC
31	Potentials of Fig (Ficus spp) fruits as Feed Additive in Older Hen to Extend their Productive Life	Dr. Md. Shahidur Rahman Associate Professor Dept. of Poultry Science	AU-GC
32	Harnessing heterosis of growth traits through crossing of different quail lines	Dr. Md. Bazlur Rahman Mollah Dept. of Poultry Science	BAU
33	Production performance and extension of indigenous Guinea fowls (Numida meleagris) to the rural families through a proposed production model	Prof. Dr. Shubash Chandra Das Dept. of Poultry Science	BAU
34	Evaluation of performance parameters through welfare based broiler production in Bangladesh	Prof. Dr. Musabbir Ahammed Dept. of Poultry Science	BAU
35	Small scale farming of guineafowls and turkeys in Bangladesh-a tool for poverty reduction	Prof. Dr. Shubash Chandra Das Dept. of Poultry Science	NATP-2 CRG
36	Refining and validation of BAU-Bro	Prof. Dr. Ashraf Ali Dept. of Poultry Science	KGF

Technical Session 9: Agricultural Economics & Rural Sociology

Chairperson	:	Prof. Dr. Shaikh Abdus Sabur Dean, Faculty of Agricultural Economics and Rural Sociology
Co-Chairperson	:	Prof. Paresh Chandra Modak, Dept. of Agricultural Statistics Prof. Dr. Md. Taj Uddin, Dept. of Agricultural Economics
Organizer	:	Prof. Md. Moniruzzaman, Dept. of Agribusiness and Marketing
Rapporteurs	:	Dr. A.H.M. Saiful Islam, Dept. of Agricultural Economics Dr. Md. Ataur Rahman, Dept. of Agricultural Finance Dr. Lavlu Mozumder, Dept. of Rural Sociology

Venue : Agricultural Economics Faculty Conference Room

Date and Time : 19-01-2019, 2:30 pm to 5:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
1	Economics of Conservation Agriculture Technology in Diverse Cropping System in Bangladesh	Prof. Dr. Md. Akteruzzaman Dept. of Agricultural Economics	BAU
2	Farming Practices and Livelihood Status of Haor Farm Households in Kishoregonj District	Prof. Dr. Md. Taj Uddin Dept. of Agricultural Economics	AU-GC
3	Incorporating salt-tolerant wheat and pulses into smallholder farming systems in Southern Bangladesh (Project. No. 2017/184/ACIAR)	Prof. Dr. Md. Taj Uddin Dept. of Agricultural Economics	ACIAR
4	The Financial Analysis of Using Solar Panel and Its Impact on Farmer's Income in Selected areas of Bangladesh	Prof. Dr. Md. Saidur Rahman Dept. of Agricultural Economics	MoE
5	The Financial Analysis of Using Solar Panel and its Impact on Farmers' Income and Livelihood in Some Selected Areas of	Prof. Dr. Md. Saidur Rahman Dept. of Agricultural Economics	BAU

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
	Bangladesh		
6	Water saving Technologies in Bangladesh Crop Farming: Socioeconomic & Environmental Perspective	Prof. Dr. Md. Taj Uddin Dept. of Agricultural Economics	MoE
7	Existence of Female Labour in Agriculture: New Dimension of Gendered Role and Contribution to the Economy.	Prof. Dr. Sadika Haque Dept. of Agricultural Economics	BAU
8	Smallholders' Decision-Making on Land Use in Bangladesh: Environment and Livelihood Perspective	Md. Monirul Islam Assistant Professor Dept. of Agricultural Economics	BAU
9	Strengthen the Renewable Energy Technologies for Sustainable Agricultural Production in Bangladesh	Prof. Dr. Humayun Kabir Dept. of Agricultural Economics	BAU
10	Farmers' Willingness to Pay for Adoption of Bed Planter Machine of Wheat Cultivation in Bangladesh	Prof. Dr. M. Harun-Ar Rashid Dept. of Agricultural Economics	AU-GC
11	Transformation of High Value Vegetable Supply Chain and Rural Farm Income Nexus in Dhaka Division: An Economic Study on Supermarket and Small Farm in the Region	Prof. Dr. Md. Fakir Azmal Huda Dept. of Agricultural Economics	BAU
12	Development of a business model on crops and cattle for low carbon farming technique: An initiative for farm level in coastal region of Bangladesh	Prof. Dr. Fakir Azmal Huda Dept. of Agricultural Economics	NATP-2 CRG
13	Economics of adoption of biosecurity measures for controlling avian influenza in Bangladesh's poultry farms	Prof. Dr. Ismat Ara Begum Dept. of Agricultural Economics	NATP-2 CRG
14	Potential Economic Benefits and Willingness to Pay for Haor Ecosystem Restoration in Netrokona district of Bangladesh	Mr. A. K. M. Abdullah Al-Amin Assistant Professor Dept. of Agricultural Economics	BAU
15	Problems of Women Civil Servants at the Field Level in Agriculture Sector of Bangladesh.	Mr. A.N.M. Zakir Hossain Assistant Professor Dept. of Agricultural Economics	BAU
16	Women labour in Post Harvest Operations of Rice Production and Technological Intervention to Reduce Post Harvest Loss in Bangladesh	Ms. Riffat Ara Zannat Tama, Assitt Professor Dept. of Agricultural Economics	BAU
17	Food Security and Productivity: Impacts of Salt-tolerance Rice Variety Adoption in Coastal Areas of Bangladesh	Prof. Dr. Md. Aktaruzzaman Khan Dept. of Agricultural Finance	AU-GC
18	Implementation of Social Business: Prospect and Challenges	Prof. Dr. Mohammad Sayeedul Haque Dept. of Agricultural Finance	AU-GC
19	Assessment of Postharvest Losses by Evaluating Postharvest Practices in Selected Vegetable Supply Chains.	Mashrufah Khtun, Assistant Professor Dept. of Agricultural Finance	BAU
20	Cultivation, marketing and processing of medicinal and aromatic plants (MAPs) in Bangladesh	Prof. Dr. Shaikh Abdus Sabur Dept. of Agribusiness and Marketing	NATP-2 CRG
21	Postharvest Losses and Marketing System of Pineapple-A Value Chain Perspective	Prof. Dr. Mohammad Ismail Hossain Dept. of Agribusiness and Marketing	AU-GC
22	Measures of Livelihood Activities and Food Security of Farm Household in Bangladesh	Prof. Dr. Md. Abdul Quddus Dept. of Agricultural Statistics	BAU
23	Milk production by smallholder farmers in Mymensingh Region: Impact on livelihood, food and nutrition security	Prof. Dr. Khandaker Md. Mostafizur Rahman Dept. of Agricultural Statistics	BAU
24	Agricultural Modernization on Sustainable Livelihood among the Tribal and Non-tribal Farmers: An Impact Study in Some Selected Areas of Bangladesh.	Arifa Jannat Assistant Professor Institute of Agribusiness and Development Studies (IADS)	BAU

Technical Session 10: Agricultural Engineering and Technology

Chairperson : Prof. Dr. Khan Md. Hasanuzzaman
 Dean, Faculty of Agricultural Engineering and Technology
 Co-Chairperson : Prof. Dr. Md. Nurul Hoque, Dept. of Farm Structure and Environ. Engineering
 : Prof. Dr. Md. Monjurul Alam, Dept. of Farm Power and Machinery
 Organizer : Prof. Md. Siddikur Rahman, Dept. of Farm Structure and Environ. Engineering
 Rapporteurs : Dr. Md. Geaur Rahman, Dept. of Computer Science and Mathematics
 : Dr. Md. Raihanul Islam, Dept. of Farm Structure and Environ. Engineering
 : Dr. Md. Hamidul Islam, Dept. of Farm Power and Machinery

Venue : Dean Conference Room, Faculty of Agril. Engineering & Technology

Date and Time: 19-01-2019, 2:30 am to 5:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
1	Design and development of a pull type 4-rows granular urea applicator	Prof. Dr. Murshed Alam Dept. of Farm Power & Machinery	BAU
2	Design, construction and performances study of semi-pilot scale baking oven	Prof. Dr. M. Burhan Uddin Dept. of Food Technology and Rural Industries	BAU
3	Application of DC Probe Technique to Assess Soil Water Content at Field level	Dr. Md. Rostom Ali Associate Professor Dept. of Farm Power and Machinery	BAU
4	Post-Harvest Loss Reduction Innovation Lab (PHLIL)	Prof. Dr. Md. Monjurul Alam Dept. of Farm Power & Machinery	USAID
5	Appropriate Scale Mechanization Innovation Hub (ASHIM)- Bangladesh	Prof. Dr. Md. Monjurul Alam Dept. of Farm Power and Machinery	USAID
6	Green Energy Knowledge Hub (GEKH)	Prof. Dr. Md. Monjurul Alam Dept. of Farm Power & Machinery	IFC
7	Processing of high calorie food grade emulsion based on soymilk and whey protein isolate	Dr. Anisur Rahman Mazumder Associate Professor Prof. Dr. Md. Abdul Alim (In charge 1-10-18 to 31-12-2018) Dept. of Food Technology and Rural Industries	BAU
8	Evaluation of growth kinetics and biomass yield of locally isolated and commercial baker's yeasts in a batch fermenter	Prof. Dr. Mohammad Gulzarul Aziz Dept. of Food Technology and Rural Industries	BAU
9	Low-cost optimal cooling system in tunnel ventilated poultry houses	Prof. Dr. Md. Ali Ashraf Dept. of Farm Structure and Env. Engineering	BAU
10	Development and Evaluation of a Low Cost ICE Crusher for Raw Fish Storage	Dr. Md. Ashik-E-Rabbani Associate Professor Dept. of Farm Power And Machinery	BAU
11	Bio-energy Potential of Different Biomasses Available in Bangladesh	Prof. Dr. Chayan Kumer Saha Dept. of Farm Power and Machinery	BAU
12	Design of Oil Palm Stripper and Performance Test of Crusher for Palm Oil Processing at BAU Campus	Prof. Dr. Md. Abdul Awal Dept. of Farm Power And Machinery	BAU
13	Development of an Android application to suggest field crops for cultivation in real times	Machbah Uddin, Lecturer, Dept. of Computer Science & Mathematics	BAU
14	Data Mining-based Android Application for Fertilizer Optimization in Precision Farming	Dr. Md. Geaur Rahman Director, PGD-in-ICT Programme	BAU
15	Relationship of Major Ions Chemistry and Hydrogeochemical	Prof. Dr. Deen Islam	BAU

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
	Processes With Arsenic Contamination in Bangladesh	Dept. of Irrigation & Water Management	
16	Design and Development of a Coconut Dehusking Machine for Small Scale Farm Holders	Tumpa Rani Sarker Assistant Professor Dept. of Farm Power & Machinery	AU-GC
17	Investigating water productivity of rice due to conventional and conservational (AWD and Raised Bed) irrigation practices	Prof. Dr. A.K.M. Adham Dept. of Irrigation & Water Management	AU-GC
18	Development of An Android Application for Identifying Crop diseases and Providing Information about how to cure them	Prof. Dr. Md. Rakib Hassan Dept. of Computer science and Mathematics	AU-GC
19	Modeling the complex ground-water-surface water-interaction in Riparian Depressional Wetland (Haor) of Bangladesh	Dr. Moh. Mizanur Rahman Associate Professor Dept. of Irrigation & Water Management	IFS
20	Design and developement of power operated oil palm fruit stripper	Prof. Dr. Md. Abdul Awal Dept. of Farm Power & Machinery	NATP-2 CRG
21	Rapid and Low Cost Process Development for Commercial Production of Soya Sauce	Dr. Md. Anisur Rahman Mazumder Assistant Professor Dept. of Food Technology & Rural Industries	MoE
22	Enhancing water and Energy Use efficiency of rice crop by Recycling cost percolated water from rice fields	Dr. Md. Mizanur Rahman Associate Professor Dept. of Irrigation & Water Management	MoE

Technical Session 11: Fisheries

Chairperson	:	Prof. Dr. Gias Uddin Ahmed Dean, Faculty of Fisheries
Co-Chairperson	:	Prof. Dr. A.K.M. Nowsad Alam, Dept. of Fisheries Technology
Organizer	:	Prof. Dr. M.A. Salam, Dept. of Aquaculture
Rapporteurs	:	Prof. Dr. Zakir Hossain, Dept. of Fisheries Biology and Genetics
	:	Prof. Dr. Fatema Hoque Shikha, Dept. of Fisheries Technology
	:	Prof. Dr. Shaheed Reza, Dept. of Fisheries Technology
	:	Dr. Tanvir Rahman, Dept. of Aquaculture

Venue : Fisheries Faculty Conference Room

Date and Time : 19-01-2019, 2:30 pm to 5:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
1	Production enhancement of silver barb (<i>Babonymus gonionotus</i>) by generating monosex all-female population through chromosome manipulation	Prof. Dr. Md. Rafiqul Islam Sarder Dept. of Fisheries Biology and Genetics	BAS-USDA
2	Exploitation of faster growth of female of indigenous and exotic Koi (<i>Anabas testudineus</i>) by producing monosex all-female population through chromosome manipulation	Prof. Dr. Md. Rafiqul Islam Sarder Dept. of Fisheries Biology and Genetics	BAU
3	Generation of saline tolerant tilapia: A need based study for the coastal zone of Bangladesh	Prof. Dr. Md. Sadiqul Islam Dept. of Fisheries Biology & Genetics	BAS-USDA
4	Generation of a saline tolerant tilapia for the coastal region of Bangladesh	Prof. Dr. Sadiqul Islam Dept. of Fisheries Biology and Genetics	BAU
5	Business opportunities of ornamental fisheries in Bangladesh: development of a production and economic assessment model	Prof. Dr. Md. Sadiqul Islam Dept. of Fisheries Biology and Genetics	NATP-2 CRG
6	Extraction of polyunsaturated fatty acids (PUFAs) from a marine cephalopod <i>Loligo</i> sp. and determination of its performance on the gonadal maturation and spontaneous spawning of <i>A. testudineus</i> .	Dr. Mohammad Matiur Rahman Dept. of Fisheries Biology and Genetics	BAU
7	DNA barcoding and captive propagation of the native and exotic striped snakehead <i>Channa striatus</i> (Bloch, 1793)	Prof. Dr. Md. Samsul Alam Dept. of Fisheries Biology and Genetics	BAU

8	Toxicological effects of three commonly used pesticides and polluted rivers on plankton and fish in Bangladesh	Prof. Dr. Zakir Hossain Dept. of Fisheries Biology and Genetics	BAU
9	Study of the climate change impact on fisheries resources and fishers' especially women and children in selected climate hotspot zone of Bangladesh	Prof. Dr. Zakir Hossain Dept. of Fisheries Biology & Genetics	NATP-2 CRG
10	Effects of dietary polysaturated fatty acids and beta glucan on breedfish (<i>Labeo rohita</i> , <i>Mystus cavasius</i> and <i>Ompok pabda</i>) immunity and fry quality	Prof. Dr. Zakir Hossain Dept. of Fisheries Biology and Genetics	KGF
11	Chromosome studies on Ilish bata, Labeo bata	Prof. Dr. Nahid Sultana Lucky Dept. of Fisheries Biology and Genetics	BAU
12	Domestication and Induction on Induced Breeding of Potential Native Aquaculture Species, Anabas Testudineus for its Conservation	Dr. A. K. Shakur Ahammad Dept. of Fisheries Biology and Genetics	AU-GC
13	Restoration of Indigenous Koi (Anabas Testudin US) through high quality seed production by line breeding trial in Bangladesh	Dr. A. K. Sakur Ahammad Dept. of Fisheries Biology and Genetics	MoE
14	Seed production of Bhagna <i>Labeo aoriza</i> (Hamilton, 1807) through line breeding trial in Bangladesh	Dr. A.K.Shkur Ahammad Dept. of Fisheries Biology and Genetics	NATP-2 CRG
15	Assessment of the factors associated with the early gonadal development of hilsa	Dr. A.K. Shakur Ahammad, Assoc. Prof. Dept. of Fisheries Biology and Genetics	BFRI
16	Seed Production of Genetic leaf fish Nandus Mandus through Domestication	Prof. Dr. Nahid Sultana Lucky Dept. of Fisheries Biology and Genetics	MoE
17	Impact of fish sanctuary and beel nursery on open water fishes biodiversity production Socio Economics and livelihood	Prof. Dr. Mostafa Ali Reza Hossain Dept. of Fisheries Biology and Genetics	BFRI
18	Aquaponics: Food Safety for Human Health through Good Aquaculture Practices	Prof. Dr. M. A. Salam Dept. of Aquaculture	BAS-USDA
19	Poverty Alleviation through Prevention and Future control of the two Major Socioeconomically-Important Diseases in Asian Aquaculture	Prof. Dr. Md. Abdus Salam Dept. of Aquaculture	GRP
20	Quality assessment of available shrimp feed for improving safe feed in Khulna region	Prof. Md. Sazzad Hossain Dept. of Aquaculture	BAS-USDA
21	Evaluation of the suitability and efficacy of potato and wheat as prebiotic compounds on the growth performance, survivality and tissue composition of Labeo rohita and Catla Catla	Prof. Md. Sazzad Hossain Dept. of Aquaculture	NATP-2 CRG
22	Study of health management strategy for commercial culturing of high value fish	Prof. Dr. Md. Ali Reza Faruk Dept. of Aquaculture	BAS-USDA
23	Investigation on Diseases of Farmed Tilapia, <i>Oreochromis niloticus</i>	Prof. Dr. Md. Ali Reza Faruk Dept. of Aquaculture	BAU
24	Growth and Production of Spirulina (<i>Spirulina platensis</i>) in Supernatant of Digested Rotten Potato	Prof. Md. Ahsan Bin Habib Dept. of Aquaculture	BAU
25	Bacteriological and histopathological investigation of the emerging hemorrhagic infection of farmed gangetic mystus, mystus cavasius	Dr. Tanvir Rahman Dept. of Aquaculture	BAU
26	Optimization of Dietary Vitamin C on the Growth and Survival Rate of monosex tilapia <i>Oreochromis niloticus</i>	Prof. Md. Sazzad Hossain Dept. of Aquaculture	BAU
27	Evaluating costs and Benefits of Prophylactic Health Products and Novel Alternatives on Smallholder Aquaculture Farmers in Asia and Africa (IMAQulate)	Prof. Dr. Mohammad Mahfujul Haque Dept. of Aquaculture	BBSRC-GRP
28	Novel Molecular Approaches for Advancing Prediction and Mitigation of Disease Outbreaks in Aquaculture for Small Scale Farmers	Prof. Dr. Mohammad Mahfujul Haque Dept. of Aquaculture	Newton-BBSRC
29	Upgrading pangas and tilapia value chains in Bangladesh–BangFish: Aquaculture Certification Issues	Prof. Dr. Mohammad Mahfujul Haque Dept. of Aquaculture	DANIDA

Technical Session 12: Fisheries

Chairperson : Prof. Dr. Md. Ahsan Bin Habib, Dept. of Aquaculture
 Co-Chairperson : Prof. Dr. Md. Rafiqul Islam Sarder, Dept. of Fisheries Biology and Genetics
 : Prof. Dr. Zoarder Faruque Ahmed, Dept. of Fisheries Management
 Organizer : Prof. Dr. Md. Sadiqul Islam, Dept. of Fisheries Biology and Genetics
 Rapporteurs : Prof. Dr. Mst. Kaniz Fatema, Dept. of Fisheries Management
 : Dr. Md. Nurul Haidar, Dept. of Fisheries Technology
 : Dr. A. K. Shakur Ahammad, Dept. of Fisheries Biology and Genetics

Venue : Fisheries Faculty Conference Room

Date and Time : 20-01-2019, 9:00 pm to 2:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
30	Identification, Assessment and Management of <i>Fringesale Sardinella Sardinella fimbriata</i> Stock in the Bay of Bengal	Prof. Dr. Zoarder Faruque Ahmed Dept. of Fisheries Management	BAU
31	Investigation on reproductive ecology and population management of lesser spiny eel <i>Macrognathus aculeatus</i> in Bangladesh	Dr. Mst. Kaniz Fatema Dept. of Fisheries Management	BAU
32	Aqua Innovation Lab Investigation-1	Prof. Dr. Mst. Kaniz Fatema Dept. of Fisheries Management	USAID
33	Effects of Photoperiod on Growth and Reproductive Biology of Rohu <i>Labeo Rohita</i>	Prof. Dr. Md. Shajahan Dept. of Fisheries Management	BAU
34	Breeding biology and induced breeding technique of the freshwater <i>gangmagur, Hemibargus menoda</i>	Prof. Dr. Md. Idris Miah Dept. of Fisheries Management	NATP-2 CRG
35	Development Of Induced Spawning, Larval Rearing And Cultural Management Techniques of Silon, <i>Silonia silondia</i>	Prof. Dr. Md. Idris Miah Dept. of Fisheries Management	BAU
36	Studies on the Fish Processing Industry Waste Management and It's Utilization at Mymensingh Region	Prof. Dr. Md. Ismail Hossain Dept. of Fisheries Technology	AU-GC
37	AquaFish Innovation Lab Project	Prof. Dr. Sharoz Mahen Haque Dept. of Fisheries Management	USAID
38	Food and feeding habit of some commercially important mussels and snails in Bangladesh	Prof. Dr. Md. Jazim Uddin Dept. of Fisheries Management	BFRI
39	Molecular Approaches to study the effectiveness of temperature on growth and reproduction of Rohu <i>Lebeo Rohite</i>	Prof. Dr. Md. Shajahan Dept. of Fisheries Management	MoE
40	Studies on the human health benefit of fish peptides produced from low valued marine fish species of Bangladesh	Prof. Dr. Md. Kamal Dept. of Fisheries Technology	BFRI
41	Consumer risk reduction of formalin in fresh fish by pomegranate and green tea extracts	Prof. Dr. A K M Nowsad Alam Dept. of Fisheries Technology	BAU
42	Investigation on improved methods of value-added fishery products from Indian river shad, <i>Tenulosa ilisha</i>	Prof. Dr. A.K.M Nowsad Alam Dept. of Fisheries Technology	BFRI
43	Development of quality salt-smoke dried fish product from some important fresh water fish species and their shelf life and acceptability at ambient storage condition	Prof. Dr. Subhash Chandra Chakraborty Dept. of Fisheries Technology	BAU
44	Studies on the Seasonal Variation of Nutritional Composition and Quality of Some Important Fishes of Bangladesh	Prof. Dr. Abul Mansur Dept. of Fisheries Technology	BAU
45	Development of Fish Noodles with Low Cost Silver Carp (<i>Hypophthalmichthys molitrix</i>) Meat and Study on Consumer's Preference to It	Prof. Dr. Fatema Hoque Shikha Dept. of Fisheries Technology	BAU
46	Biochemical and microbial aspects of naturally evolved semi-fermented fishery products of Bangladesh	Dr. Muhammad Mehedi Hasan Dept. of Fisheries Technology	BAU
47	Effect of Salt Concentrations and Herbal Preservatives on the Quality and Insect Infestation of Traditional Marine Dried Fish Products	Prof. Dr. Md. Kamal Dept. of Fisheries Technology	BAU
48	Identification of antimicrobial-resistant genes associated with pathogenic bacteria isolated from fish and fishery products of Bangladesh	Prof. Dr. Md. Shaheed Reza Dept. of Fisheries Technology	BAU

Technical Session 13: Poster Presentation

Convenor : Prof. Dr. Md. Solaiman Ali Fakir, Dept. of Crop Botany
 Member : Prof. Dr. Masum Ahmad, Dept. of Entomology
 : Prof. Dr. Md. Abdul Mojib, Dept. of Irrigation & Water Management
 : Prof. Dr. Mohammad Mahfujul Haque, Dept. of Aquaculture
 : Prof. Dr. Shubash Chandra Das, Dept. of Poultry Science
 : Prof. Dr. Fakir Azmal Huda, Dept. of Agricultural Economics
 : Prof. Dr. Nasrin Sultana Juyena, Dept. of Surgery and Obstetrics

Venue : Syed Nazrul Islam Conference Hall, BAURES, BAU, Mymensingh

Date and Time : 20-01-2019, 2:30pm to 5:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
Faculty of Veterinary Science			
1	Potency of Vitamin E and Coriandrum sativum (Coriander) Extract on Testicular Tissues of Mice Exposed to Lead Intoxication	Prof. Dr. Mohammad Rafiqul Islam Dept. of Anatomy and Histology	MoST
2	Plastination : Preservation of anatomical specimens by an innovative method	Dr. Nasrin Sultana Dept. of Anatomy and Histology	MoST
3	Impact of growth rate on the characteristics of Brest and myo fibers in broiler chicken	Dr. Nasrin Sultana Assistant Professor Dept. of Anatomy and Histology	UGC
4	Herbal contraception in Swiss albino mice	Prof. Dr. Shonkor Kumar Das Dept. of Anatomy and Histology	MoST
5	Exploring Animal-based Indicators to Assess Dairy Cow Welfare and Public Health Hazards due to Mastitis	Prof. Dr. M. Ariful Islam Dept. of Medicine	MoST
6	An epidemiological investigation of Campylobacter in ducks and duck eggs at Mymensingh with particular focus on antimicrobial resistance	Prof. Dr. S. M. Lutful Kabir Dept. of Microbiology and Hygiene	MoST
7	Prevalence and molecular detection of methicillin-resistant Staphylococcus aureus (MRSA) from dogs, cats and ornamental birds in Dhaka city	Prof. Dr. Md. Tanvir Rahman Dept. of Microbiology and Hygiene	MoST
8	Effect of pH on the motility and virulence of e. Coli isolated from chickens	Dr. Md. Shafiqul Islam Dept. of Microbiology and Hygiene	MoST
9	Investigation on the bacterial etiological agents associated in respiratory diseases of cattle in selected areas of Bangladesh for the recommendation of suitable remedial measures	Prof. Dr. Md. Shahidur Rahman Khan Dept. of Microbiology and Hygiene	MoST
10	Pathogenic Bacteria and fungi associated with table eggs in super shops considering antibiogram, organoleptic properties, and public health significance	Prof. Dr. KHM Nazmul Hussain Nazir Dept. of Microbiology and Hygiene	MoST
11	Prevalence of human pathogenic Vibrio parahaemolyticus strains in shrimp farm areas of Bangladesh with their specific detection and differentiation by multiplex PCR	Prof. Dr. Muhammad Tofazzal Hossain Dept. of Microbiology and Hygiene	MoST
12	Microbiological quality and prevalence of antibiotic resistance bacteria in broiler meats sold in Mymensingh city	Prof. Dr. Md. Ariful Islam Dept. of Microbiology & Hygiene	UGC
13	Isolation, identification and Characterization of Vibrio cholerae from Shrimp and Shrimp Environment (water and sediment) in Khulna Region of Bangladesh	Prof. Dr. Sukumar Saha Dept. of Microbiology and Hygiene	UGC
14	Isolation and characterization of bacteria causing enteritis in Turkey (Meleagris gallopavo) and their antibiotic resistance profile	Prof. Dr. Tanvir Rahamn Dept. of Microbiology and Hygiene	UGC
15	An epidemiological investigation of bovine genital campylobacteriosis of bulls in Mymensingh	Prof. Dr. S.M. Lutful kabir Dept. of Microbiology and Hygiene	UGC
16	Pathological investigation on gastrointestinal tract (GIT) of slaughtered sheep in association with GIT parasitism at Mymensingh municipality slaughter houses of Bangladesh	Prof. Dr. Md. Mokbul Hossain Dept. of Pathology	UGC
17	Microbial contaminants in vegetable originated from farms using untreated poultry waste	Dr. Mohammed Nooruzzaman Dept. of Pathology	MoST
18	Intergenotypic cross-immunity of Newcaledonian disease viruses	Prof. Dr. Mohammed Nooruzzaman Dept. of Pathology	UGC

19	Molecular characterization of Toxoplasma in livestock in Bangladesh	Prof. Dr. Md. Shahiduzzaman Dept. of Parasitology	MoST
20	Investigation on the tapeworm infections in food animals associated with zoonoses and food-safety	Prof. Dr. Md. Hasanuzzaman Talukder Dept. of Parasitology	MoST
21	Investigation on anthelmintic resistance to gastrointestinal nematodes in cattle farms of Mymensingh	Prof. Dr. Mohammad Zahangir Alam Dept. of Parasitology	MoST
22	Application of molecular technique for differentiation of Haemonchus contortus Haemonchu splacei and their hybrids	Prof. Dr. Mohammad Dept. of Parasitology	UGC
23	Molecular and biological epidemiology of canine hookworms and their zoonotic potential in Mymensingh	Prof. Dr. Md. Hasanuzzaman Talukder Dept. of Parasitology	UGC
24	Influences of general anaesthesia with barbiturates on pro-inflammatory cytokines in dogs	Prof. Dr. Md. Mahmudul Alam Dept. of Surgery & Obstetrics	MoST
25	Analysis of Synovial Fluid for Early Diagnosis of Arthritis in Goat	Prof. Dr. Md. MizanurRahman Dept. of Surgery & Obstetrics	MoST
26	Therapeutic and Surgical Management of Bloat in Goats	Prof. Dr. Md. Rafiqul Alam Dept. of Surgery & Obstetrics	MoST
27	Hypoglycemic, hypolipidemic and reno-pancreatic injury protective potential of combined formulation of tibulus terrestris and Andrographis paniculata in alloxan induced type-I diabetic mice	Prof. Dr. Kazi Rafiqul Islam Dept. of Pharmacology	UGC
28	Diffusion and spatial pattern of veterinary antibiotics from poultry manure to the terrestrial environment, fish and vegetables; and development of a feasible mitigation approach	Prof. Dr. Md. Mahmudul Hasan Sikdar Dept. of Pharmacology	UGC
29	Quality characteristics and Hatchability of Eggs and Serum Electrolyte Concentration of Corresponding Squabs in Five Different Breeds of Pigeon	Prof. Dr. Md. Kamrul Islam Dept. of Physiology	UGC
30	Transmission Dynamics and New Drug Screening for Cryptosporidium	Prof. Dr. Md. Amimul Ehsan Dept. of Medicine	UGC
31	Dynamics of hypocalcaemia and ketonemia in periparturient dairy cows	Prof. Dr. Md. Taohidul Islam Dept. of Medicine	UGC
32	Effects of inhalant anaesthetics on cytokine profile at mRNA level in mice brain	Prof. Dr. Md. Mahmudul Alam Dept. of Surgery and Obstetrics	UGC

Faculty of Agriculture

33	Maximizing yield and quality of aromatic fine rice through integrated nutrient management)	Prof. Md. Abdus Salam Dept. of Agronomy	UGC
34	Influence of nitrogen and sulphur fertilization on the growth and yield performance of French bean	Dr. F.M. Jamil Uddin, Assistant Professor Dept. of Agronomy	UGC
35	Effect of crop sequence and mulching on weed control and yield performance of dry seeded boro and aus rice (Prof. Dr. Md. Moshir Rahman Dept. of Agronomy	UGC
36	Effect of high temperature stress on the phenology, growth and yield of pea genotypes)	Prof. Dr. Ahmed Khairul Hasan Dept. of Agronomy	UGC
37	Assessment of soil and water quality as affected by herbicide application in the rice field of Bangladesh	Dr. Md. Rashedur Rahman, Associate Prof. Dept. of Agronomy	UGC
38	Bioherbicidal activity of aqueous extracts of grass pea and lentil crop residues in upland crop	Prof. Dr. M.Romij Uddin Dept. of Agronomy	UGC
39	Improvement of yield and quality of baby corn and green fodder from the same crop of maize through management practices	Dr. Swapan Kumar Paul Dept. of Agronomy	MoST
40	Integration of rice allelopathy in weed management for sustainable crop production to attain food security	Prof. Dr. Md. Abdus Salam Dept. of Agronomy	MoST
41	Weed dynamics as influenced by tillage system and weeding regime in rice-rice cropping pattern	Prof. Dr. Mahfuza Begum Dept. of Agronomy	MoST
42	Optimization of N and P levels for growth and yield performance of French Bean	Dr. F M Jamil Uddin Dept. of Agronomy	MoST
43	Feasibility study of hilly black rice cultivation in plain land ecosystem	Dr. Md. Rashedur Rahman Dept. of Agronomy	MoST
44	Herbicidal activity of aqueous extract of sorghum and mustard residues	Prof. Dr. Md. Romij Uddin Dept. of Agronomy	MoST
45	Allelopathy of oil-enriched plants: a potential tool in the development of strategies for biorational weed management	Dr. A K M Mominul Islam Dept. of Agronomy	MoST

46	Impact of Land Use and Cropping Pattern on Carbon Sequestration Potential in Soils of Agroecological Zone-9 of Bangladesh	Dr. Sabina Yeasmin Dept. of Agronomy	MoST
47	Coping with Flash Flood: Potentials of Promising Crop Production practices for North-eastern Haor Areas of Bangladesh	Prof. Dr. Md. Anwarul Abedin Dept. of Soil Science	UGC
48	Effect of line and organic matter amendment on wheat productivity in acidic piedmont soil	Prof. Dr. Md. Rafiqul Islam-2 Dept. of Soil Science	UGC
49	Bioefficacy of some Biorational Insecticides against the Pulse Beetle, <i>Callosobruchus chinensis</i> I (Coleoptera: Bruchidae)	Prof. Dr. Mohammad Mahir Uddin Dept. of Entomology	UGC
50	field efficacy of two potential entomopathogenic fungi <i>lacanicillum muscarium</i> and <i>Bavaria</i> for the control of Cucurbit fruit fly (<i>Bactrocera cucurbitae</i>)	Prof. Dr. Mohammad Abul Manjur Khan Dept. of Entomology	UGC
51	Relative efficacy of chitin synthesis inhibitor juvenile hormone analogue and some new generation acaricides against red spider mite, <i>Tetranychus urticae</i> (Koch) on marigold	Prof. Dr. Gopal Das Dept. Entomology	UGC
52	Biorational Insecticides based IPM Packages for the Management of Brinjal Shoot and Fruit Borer, <i>Leucinodes orbonalis</i> Guenee	Prof. Dr. Mohammad Mahir Uddin Dept. of Entomology	MoST
53	Bio-intensive integrated pest management (IPM) approaches against Papaya mealybug	Dr. Mohammed Abul Monjur Khan Dept. of Entomology	MoST
54	Evaluation of field efficacy of some bacterial fermented derivatives (BFD) against tomato fruit borer, <i>Helicoverpa armigera</i> (Hubner)	Prof. Dr. Gopal Das Dept. of Entomology	MoST
55	Eco-friendly management of maize aphid, <i>Rhopalosiphum maidis</i> through monitoring, planting alternate host, using natural enemy & botanicals to keep up food security	Prof. Dr. Kazi Shahanara Ahmed Dept. of Entomology	MoST
56	Consequence of Pesticide application on the Bee Biodiversity and Honey Production for Food Security	Prof. Dr. Khandakar Shariful Islam Dept. of Entomology	MoST
57	Upscaling of Summer Onion Production through Improved Management Practices	Prof. Dr. Md. Rezaul Karim Dept. of Horticulture	MoST
58	Molecular characterisation of bulb formation and nutritional quality of local onion cultivars in Bangladesh	Dr. Md. Harun Ar Rashid Dept. of Horticulture	MoST
59	Optimization, dissemination and demonstration of potato storage technology in the same potato field	Prof. Dr. Md. Ferdous Mondal Dept. of Horticulture	MoST
60	Screening of high yielding and high curcumin rich turmeric (<i>Curcuma longa</i> L.) in Bangladesh	Professor Dr. Md. Mokter Hossain Dept. of Horticulture	MoST
61	Enhancing flower Production and vase life extension of tab rose	Prof, Dr. Habbibur Rahmn Dept of : Horticulture	UGC
62	Development of Seedlessness in Tomato	Prof. Dr. Md. Rezaul Karim Dept. of Horticulture	UGC
63	Effect of preharvest fruit bagging on posharvest quality and shelf life of dragon fruit	Prof. Dr. Md. Mokter Hossain Dept of : Horticulture	UGC
64	Application of bio-active compounds of rhizopheric beneficial bacteria for effective management of Bacterial Leaf Blight (BLB) of rice in Bangladesh	Prof. Dr. Md. Atiqur Rahman khokon Dept. of Plant Pathology	UGC
65	Molecular based detection of citrus greening causal organism, <i>Candidatus Liberibacter Asiaticus</i> , an emerging threat for citrus cultivation in Bangladesh	Prof. Dr. Md. Rashidul Islam Dept. of Plant Pathology	UGC
66	Integrated approaches for the management of <i>Pyricularia graminis-tritici</i> / <i>Magnaporthe oryzae</i> , var, <i>tritici</i> , causing wheat blast disease in Bangladesh	Dr. Muhammed Ali Hossain Associate Professor Dept. of Plant Pathology	UGC
67	Biological management of root knot nematodes through application of nematophagus <i>Paecilomyces lilacinus</i> ()	Prof. Dr. Mohammad Shahjahan Monjil Dept. of Plant Pathology	UGC
68	Screening of sorghum genotypes for salinity tolerance based on physiological traits at early vegetative stage	Prof. Dr. Md. Alamgir Hossain-2 Dept. of Crop Botany	UGC
69	Independent and combined effect of heat and drought stress on chlorophyll fluorescence, photosynthesis, pollen viability and antioxidant activities in wheat	Dr. Md. Sabibul Haque Dept. of Crop Botany	MoST
70	Screening of maize genotypes for drought tolerance based on	Prof. Dr. Md. Alamgir Hossain-2	MoST

	physio-biochemical traits	Dept. of Crop Botany	
71	Screening of low temperature tolerant rice cultivars for food security in Haor Agriculture	Prof. Dr. A.K.M. Golam Sarwar Dept. of Crop Botany	MoST
72	Development of farmer's friendly Chia seed production technology in Bangladesh for increasing dietary intake of omega-3 fatty acid	Prof. Dr. Md. Alamgir Hossain-1 Dept. of Crop Botany	MoST
73	Screening and evaluation of rice germplasms for increased salinity tolerance	Prof. Dr. AKM Zakir Hossain Dept. of Crop Botany	MoST
74	Establishment of seed chain system of climate smart rice varieties for rural Bangladesh	Prof. Dr. Lutful Hassan Dept. of Genetics & Plant Breeding	MoST
75	Molecular Breeding for high quality protein in maize ensuring nutritional security	Prof. Dr. Md. Ashraf Haque Dept. of Genetics & Plant Breeding	MoST
76	Preliminary assessment of resistance among Bangladesh wheat cultivars to the Magnaporthe oryzae pathotype Triticum (MoT)	Dr. G. H. M. Sagor Dept. of Genetics and Plant Breeding	MoST
77	Morpho-physiological and biochemical characterizations of yield and quality traits of lentil germplasm under drought stress	Prof. Dr. Md. Amir Hossain Dept. of Genetics and Plant Breeding	MoST
78	Genetics potentiality of pumpkin genotypes against pumpkin yellow vein mosaic virus: An effective approach for nutritional security	Prof. Dr. Md. Ashraf Haque Dept. of Genetics and Plant Breeding	UGC
79	Genetics dissection of soybean genotypes for resistance against soybean yellow mosaic virus	Prof. Dr. Md. Ashraf Haque Dept. of Genetics and Plant Breeding	UGC
80	B-Estradiol stimulating morphologic and biochemical changes for promoting growth and development in lentil	Prof. Dr. Md. Amir Hossain Dept. of Genetics and Plant Breeding	UGC
81	morph-physiological characterization of tomato genotypes for high fruit sugar content	Dr. G.H.M Sagor Associate Professor Dept. of Genetics and Plant Breeding	UGC
82	Farmers' Attitude towards Yield Gaps in Rice at Farmers' Field Level	Prof. Dr. Mohammad Jiaul Hoque Dept. of Agricultural Extension Education	MoST
83	Has One House One Farm Approach Improved the Livelihoods of Smallholder Farmers? An Empirical Study	Prof. Dr. Md. Golam Farouque Dept. of Agricultural Extension Education	MoST
84	Capacity Building of Haor People in Coping with Flood	Dr. Mohammed Nasir Uddin Dept. of Agricultural Extension Education	MoST
85	Opportunities of women to integrate in duck farming as a source of income in the flood prone Haor area	Prof. Dr. Shonia Sheheli Dept. of Agricultural Extension Education	UGC
86	Formulation of Cheap and Safer Botanical Pesticides and Study their Impacts on Smallscale Vegetable Farming in Bangladesh	Dr. Md. Shohidul Alam Dept. of Agricultural Chemistry	MoST
87	Human health risk from heavy metals through consumption of common fishes of Brahmaputra river, Bangladesh	Prof. Dr. Md. Zakir Hossen Agricultural Chemistry	MoST
88	Effects of human disturbances on forest structure and soils in the Madhupur Sal forest of Bangladesh	Dr. Mohammad Kamrul Hasan Dept. of Agroforestry	MoST
89	Germplasm collection and molecular Diversity Analysis of yearlong Bean	Prof. Dr. Md. Shahidul Haque Dept. of Biotechnology	UGC
90	Contamination of heavy metals in water, sediments and fish is a consequence of paddy cultivation: focusing river pollution in Bangladesh	Dr. Md. Azharul Islam Dept. of Environmental Science	MoST
91	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	Prof. Dr. Muhammad Aslam Ali Dept. of Environmental Science	MoST
92	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	Prof. Dr. Rehana Khatun Dept. of Environmental Science	MoST
93	Assessment of ecological health of aquatic system using macroinvertebrate-based multimetric indices	Prof. Dr. Md. Badiuzzaman Khan Dept. of Environmental Science	UGC

Faculty of Animal Husbandry

94	Evaluation of nutritional status of Brahman crossbreds in a farmers participatory beef breeding program	Prof. Dr. Md. Azharul Hoque Dept. of Animal Breeding and Genetics	MoST
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95	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	Dr. Auvijit Saha Apu Dept. of Animal Breeding and Genetics	MoST
96	Evaluation of bovine ovaries and follicles by histological and immunohistochemical study intended for in vitro production of embryos	Prof. Dr. M. A. M. Yahia Khandoker Dept. of Animal Breeding and Genetics	MoST
97	Effect of oocyte quality and molecular regulation of PDLA3 gene in the outcome of in vitro maturation, fertilization of bovine oocyte and embryonic development	Prof. Dr. Md. Munir Hossain Dept. of Animal Breeding and Genetics	UGC
98	Formulation of value added beef meatballs using tulsi (Ocimum sanctum) leaf extract as a source of natural antioxidant	Prof. Md. Abul Hashem Dept. of Animal Science	MoST
99	Study on meat quality of native sheep raised in organic and conventional production system	Prof. Dr. Syed Md. Ehsanur Rahman Dept. of Animal Science	MoST
100	In vitro fertilization of vitrified buffalo oocytes	Prof. Dr. Mohammad Moniruzzaman Dept. of Animal Science	MoST
101	Investigation of Agricultural Organic Waste for Industrially Applicable Biogas Production in Bangladesh	Prof. Dr. A. K. M. Ahsan Kabir Dept. of Animal Science	MoST
102	Effect of total mixed ration over traditional feeding system on growth performance carcass and meat characteristics on indigenous Sheep of Bangladesh	Prof. Dr. Syed Moh. Ehsanur Rahaman Dept. Animal Science	UGC
103	Marketing efficiency analysis: A case of milk marketing in major milk shed area in Bangladesh	Dr. Mohammad Mohi Uddin Dept. of Animal Nutrition	MoST
104	Dietary supplementation of algae to enrich quality of chicken egg	Prof. Dr. Khan Md. Shaiful Islam Dept. of Animal Nutrition	MoST
105	Potentials of herbs to modulate plasma metabolites in Bangladeshi Garole sheep fed TMR pellet diet	Prof. Dr. Mohammad Al-Mamun Animal Nutrition	MoST
106	Effect of plantain (Plantago lanceolata) and garlic (Allium sativum) on plasma metabolites and meat quality of broiler	Prof. Dr. Mohammad Al-Mamun Dept. of Animal nutrition	UGC
107	Modelling of optimal feeding management of dairy production systems in Bangladesh	Dr. Mohammad Mohi Uddin Dept. of Animal Nutrition	UGC
108	Utilization of whey for fermented beverages	Prof. Dr. Md. Harun-ur-Rashid Dept. of Dairy Science	MoST
109	Development of a probiotic beverage using chhana whey and fruit juices	Prof. Dr. Md. Harun-ur-Rashid Dept. of Dairy Science	UGC
110	Standardization of Technology for Making Cottage Cheese from Low-fat Milk Using Microbial Rennet	Dr. Raihan Habib Dept. of Dairy Science	MoST
111	Quality enhancement of soymilk based indigenous dairy products. Part 1 Effects of milk coagulants and binding agents on quality of rasogolla and rasmalai	Prof. Dr. Md. Nurul Islam Dept. of Dairy Science	MoST
112	Rapid molecular sexing of turkey poults at early age using polymerase chain reaction	Prof. Dr. Shubash Chandra Das Dept. of Poultry Science	MoST
113	Effects on marigold leaves for egg yolks and healthy birds	Prof. Dr. Fowzia Sultana Dept. of Poultry Science	MoST
114	Responses of selective breeding in the Japanese quail mutations isolated at BAU to dietary selenium carry-over into meat and eggs	Dr. Md. Shahidur Rahman Dept. of Poultry Science	MoST
115	Development of a Cost Effective Technology for the Preparation of Bio-yoghurt (dodhi) using selective strains of Streptococcus and Lactobacillus	Prof. Dr. Raihan Habib Dept. of Dairy Science	UGC
116	Comparative growth performance of three varieties of quineafower is (pearl. while and lavender in complete) confinement under hot humil climat .	Prof. Dr. Subash chandra das Dept of Poultry Science	UGC
117	Comparison of different acidifiers on growth performance, blood parameters and gut morphology of broiler	Professor Dr. S. D. Chowdhury Dept. of Poultry Science	MoST

Faculty of Agricultural Economics and Rural Sociology

118	On-Farm Development Effects of Stress Tolerant Varieties by Agricultural Research Institutes for Climate Change Adaptation in Coastal Region of Bangladesh	Prof. Dr. Fakir Azmal Huda Dept. of Agricultural Economics	MoST
119	Economics of Banning Hilsa Fishing and Its Impact on the Fishermen's Income in some Selected Areas of Bangladesh	Prof. Dr. Mohammad Saidur Rahman Dept. of Agricultural Economics	MoST
120	Food adulteration in Bangladesh: Sustainability aspects and	Prof Dr. Sadika Haque	MoST

	policy options	Dept. of Agricultural Economics	
121	Shift from Crop Farming to Orchard Farming and livelihood of Farmers: A situational Analysis in Dinajpur District	Prof. Dr. Sadika Haque Dept. of Agricultural Economics	UGC
122	Bt (<i>Bacillus thuringiensis</i>) Eggplant and Pesticide Use in Bangladesh: Economic and Environmental Effects	Dr. Abu Hayat Md. Saiful Islam Dept. of Agricultural Economics	MoST
125	Impact of Farm Diversification on Food and Nutrition Security: Empirical Evidence from Northern Districts of Bangladesh	Dr. Abu Hayat Md. Saiful Islam Associate Professor Dept. of Agricultural Economics	UGC
124	Hydroponic Fodder Production in Bangladesh: Prospects and Challenges	Prof. Dr. Md. Taj Uddin Dept. of Agricultural Economics	MoST
125	Conservation Agriculture and Household Food Security: A Study of Smallholder Farmers of Char Area in Bangladesh	Dr. Mohammad Ataur Rahman Dept. of Agricultural Finance	MoST
126	Study on Socioeconomic Condition, Risk and Uncertainty of Crop Production and Adaptation	Mashrufah Khatun Dept. of Agricultural Finance	MoST

Faculty of Agricultural Engineering and Technology

127	Usability of waste ceramic aggregates as grain drying yard construction material	Dr. Md. Raihanul Islam Dept. of Farm Structure and Environmental engineering	MoST
128	Development of a opto-electronic based seed/ seedling counter for rapid monitoring of planter seed dropping	Dr. Md. Hamidul Islam Dept. of Farm Power and Machinery	MoST
129	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	Prof. Dr. Murshed Alam Dept. of Farm Power and Machinery	MoST
130	Investigation of Parboiling Time and Moisture Content for Quality Milling and Polishing of Rice	Prof. Dr. Md. Rostom Ali Dept. of Farm Power and Machinery	MoST
131	Production of biodiesel from burnt cooking oil using different catalysts	Prof. Dr. Md. Abdul Alim Dept. of Food Technology and Rural Industries	MoST
132	Spectroscopic and smartphone based imaging technique for grading and quality inspection of potato	Dr. Mohammed Kamruzzaman Dept. of Food Technology and Rural Industries	MoST
133	IoT Enabled Agricultural Storage	Md Sayeed iftekar Yousuf Dept. of Computer Science & Mathematics	UGC
134	SMS Based Water Quality Monitoring System for Fish Farming in Bangladesh	Muhammad Mustagis Billah Dept. of Computer Science and Mathematics	MoST

Faculty of Fisheries

135	Use of pollen of an androgenic herb, pine (<i>Pinus massoniana</i>) to produce monosex male Tilapia for the fish culturist	Prof. Dr. Md. Sadiqul Islam Dept. of Fisheries Biology & Genetics	MoST
136	Evaluation of growth of Bhagna, <i>Labeo ariza</i> (Hamilton, 1822) using commercially available probiotics in Bangladesh implicated for muscle development	Dr. A. K. Shakur Ahammad Dept. of Fisheries Biology and Genetics	MoST
137	Enhancement of Gonadal Maturation for Spontaneous Spawning of the Silurid Catfish, <i>Mystus cavasius</i> by using Polyunsaturated Fatty Acids in diet	Prof. Dr. Zakir Hossain Dept. of Fisheries Biology and Genetics	MoST
138	Improvement of live fish transportation technique using natural and synthetic anacstherizing agents. aquacou clove seed and MS222	Prof. Dr. Mohammad Matiur Rahman Dept. of Fisheries Biology and Genetics	UGC
139	Dietary vitamin E interact to influence growth performance and survivality of <i>Labeo rohita</i> and <i>Catla catla</i>	Prof. Md. Sazzad Hossain Dept. of Aquaculture	MoST
140	Investigation on the emerging hemorrhagic disease and biosecurity issues of farmed gangetic mystus, <i>Mystus cavasius</i>	Dr. Tanvir Rahman Dept. of Aquaculture	MoST
141	Use of Extra-label Drugs in Commercial Aquaculture of Bangladesh	Prof. Dr. Md. Ali Reza Faruk Dept. of Aquaculture	UGC
142	Prevalence and mechanism of quinolone resistance in <i>E. COLI</i> Isolated from the rectal swab of cattle	Prof. Dr. Md. Tanvir Rahamn Dept of of Aquaculture	UGC
143	Stock assessment of pama croaker <i>otolithoides pama</i> in the Bay of Bengal and recommendations for its sustainable management in Bangladesh	Prof. Dr Zoarder Faruque Ahmed Dept. of Fisheries Management	MoST

144	Stock assessment and management of gunted loach Lepidocephlichthys gunted in Bangladesh	Prof. Dr Zoarder Faruqe Ahmed Dept. of Fisheries Management	UGC
145	Ecotoxicological assessment of sumithion on plankton communities by microcosm tests	Prof. Dr. Md. Shahjahan Dept. of Fisheries management	UGC
146	Studies on the Shelf life of Mustard Ilish (<i>Tenualosailisba</i>) under Various Storage Conditions	Prof. Dr. Fatema Hoque Shikha Dept. of Fisheries Technology	MoST

Concluding Session

- Chief Guest : **Prof. Dr. Md. Ali Akbar**
Honorable Vice-Chancellor, BAU, Mymensingh
- Special Guest : **Prof. Dr. Md. Jasimuddin Khan**
Honorable Pro Vice-Chancellor, BAU, Mymensingh
- : **Prof. Dr. Gias Uddin Ahmed**
Convenor, Dean Council, BAU, Mymensingh
- : **Prof. Dr. Subhash Chandra Chakraborty**
Coordinator, CASR, BAU, Mymensingh
- Chairperson : **Prof. Dr. M A M Yahia Khandoker**
Director, BAURES, BAU, Mymensingh
- Organizer : **Prof. Dr. Md. Alamgir Hossain**
Associate Director, BAURES, BAU, Mymensingh
- Co-Organizers : **Dr. Paresh Kumar Sarma**
Senior Scientific Officer (Special Grate), BAURES, BAU, Mymensingh
- : **Dr. Ruma Ray**
Senior Scientific Officer, BAURES, BAU, Mymensingh
- Chief Rapporteur : **Prof. Dr. Md. Ruhul Amin**
Dept. of Animal Science
- Rapporteurs : **Prof. Dr. Md. Abdul Alim**
Dept. of Food Technology and Rural Industries
- : **Prof. Dr. Mohammad Jiaul Hoque**
Dept. of Agricultural Extension Education
- : **Prof. Dr. Md. Akhtaruzzaman Khan**
Dept. of Agricultural Finance
- : **Prof. Dr. Mohammad Rabiul Karim**
Dept. of Anatomy and Histology
- : **Prof. Dr. Md. Shahidur Rahman**
Dept. of Poultry Science
- : **Dr. Poly Karmakar**
Dept. of Food Technology & Rural Industries
- Venue : **Syed Nazrul Islam Conference Hall, BAURES, BAU, Mymensingh**
- Date and Time : **20-01-2019, 6:00 pm to 8:30 pm**