

PROGRAMME

Annual Workshop on
BAU RESEARCH PROGRESS
2014–2015

10–11 October 2015



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

Annual Workshop on
BAU RESEARCH PROGRESS 2014–2015
Workshop Programme: 10–11 October 2015
Venue and Time Schedule for Technical Sessions

Technical Session 1: Veterinary Science

Chairperson : Prof. Dr. Md. Abdus Samad, Dept. of Medicine
Co-Chairperson: Prof. Dr. Priya Mohan Das, Dept. of Pathology
Prof. Dr. Md. Rafiqul Islam, Dept. of Pathology
Organizer : Prof. Dr. Md. Mokbul Hossain, Dept. of Pathology
Rapporteurs : Prof. Dr. Md. Rafiqul Alam, Dept. of Surgery and Obstetrics
: Prof. Dr. Sukumar Saha, Dept. of Microbiology & Hygiene
Prof. Dr. Shonkor Kumar Das, Dept. of Anatomy & Histology

Venue : Veterinary Faculty Conference Room

Date and Time : 10–10–2015, 2:30 pm to 5:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
1	Industrial Pollution May Induces Reproductive Toxicity in Black Bengal Goats (<i>Capra hircus</i>) in the Industrial prone areas of Gazipur District in Bangladesh	Prof. Dr. Md. Abdul Awal Dept. of Anatomy & Histology	BAU
2	Animal model in diabetes research using <i>Syzygium cumini</i> and <i>Ficus racemosa</i> extracts to explore a cheaper drug for the poor people.	Prof. Dr. Shonkor Kumar Das Dept. of Anatomy and Histology	MoST
3	Investigation on livestock diseases and development of appropriate control measures in hilly area	Prof. Dr. Shonkor Kumar Das Dept. of Anatomy and Histology	KGF
4	Evaluation of toxic effects of formalin mixed feed intake on the central nervous system of mouse	Dr. Mohd. Rafiqul Islam, Assoc. Prof. Dept. of Anatomy and Histology	BAU
5	Assessment of Reproductive Health Hazards of Small Ruminants Grazing on the Pasture Lands Contaminated with Textile Wastes	Dr. Mohd. Rafiqul Islam, Assoc. Prof. Dept. of Anatomy and Histology	MoST
6	Livestock and poultry vaccine research and production centre	Prof. Dr. Sukumar Saha Dept. of Microbiology and Hygiene	SP
7	Isolation, Characterization and protective effect of Bacteriophage against <i>Salmonella pullorum</i> and <i>Salmonella gallinereum</i>	Dr. Marzia Rahman, Assoc. Prof. Dept. of Microbiology & Hygiene	BAU
8	Effects of climate changes on the occurrence of antimicrobial resistant food poisoning bacteria and drug residue in local broiler meat in Mymensingh	Dr. S. M. Lutful Kabir, Assoc. Prof. Dept. of Microbiology and Hygiene	MoST
9	Analysis of heavy metals and food borne pathogens in food samples-II	Dr. S. M. Lutful Kabir, Assoc. Prof. Dept. of Microbiology and Hygiene	FAO
10	Epidemiological investigation and control of Colibacillosis in Chicken of some selected areas of Bangladesh	Prof. Dr. Minara Khatun Dept. of Microbiology and Hygiene	BAU
11	Detection and characterization of <i>Mycobacterium avium</i> in poultry and poultry farm's environments	Dr. Md. Ariful Islam, Assoc. Prof. Dept. of Microbiology and Hygiene	AU-GC
12	Molecular characterisation of a B anthracis 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
13	Seroepidemiological investigation of <i>Neospora caninum</i> in cattle	Prof. Dr. Md. Hasanuzzaman Talukder Dept. of Parasitology	BAU
14	Rapid Diagnostic Methods Development for Transboundary and Emerging Parasitic Diseases of Animals	Prof. Dr. Md. Hasanuzzaman Talukder Dept. of Parasitology	MoST
15	Molecular Genetic Analysis of Visceral Schistosomes in Cattle of Mymensingh	Prof. Dr. Nurjahan Begum Dept. of Parasitology	MoST
16	Molecular and serological investigation of animal reservoirs of visceral leishmaniasis (Kala-azar) in Bangladesh	Prof. Dr. Mohammad Zahangir Alam Dept. of Parasitology	MoST
17	Ecological and epidemiological investigation of tick infestations and tick-borne blood protozoan diseases in cattle in some selected areas of Bangladesh	Prof. Dr. Md. Abdul Alim Dept. of Parasitology	BAU
18	Investigation of cryptosporidium oocyst in animal and human faeces and different water sources in Bangladesh	Dr. Md. Shahiduzzaman, Assoc. Prof. Dept. of Parasitology	IFS

All Principal Investigators, Chairpersons, Co-chairpersons, Organizers and Rapporteurs of all technical sessions are requested to attend the Dinner at Community Center, BAU, 10-10-2015; 7:30 pm



Technical Session 2: Veterinary Science

Chairperson : Prof. Dr. Md. Motahar Hussain Mondal, Dept. of Parasitology
 Co-Chairperson : Prof. Mahiuddin Ahmed, Dept. of Anatomy and Histology
 Prof. Dr. Mahbub Mostofa, Dept. of Pharmacology
 Organizer : Prof. Dr. Md. Abu Hadi Noor Ali Khan, Dept. of Pathology
 Rapporteurs : Prof. Dr. Md. Mizanur Rahman, Dept. of Surgery & Obstetrics
 Prof. Dr. Mohd. Kamrul Islam, Dept. of Physiology
 Prof. Dr. Nasrin Sultana Juyena, Dept. of Surgery and Obstetrics

Venue : Veterinary Faculty Conference Room

Date and Time : 11-10-2015, 9:00 am to 2:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
19	Druges and Chemicals free broilers Production by using medicinal plants Neem and Tulsi leave extract	Prof. Dr. Mahbub Mostofa Dept. of Pharmacology	BAU
20	Conventional and molecular methods for characterization of clostridium perfringens, the causal agent of necrotic enteritis in chickens with experimental pathological study by local isolate	Prof. Dr. Md. Mokbul Hossain Dept. of Pathology	BAU
21	Blackleg and hemorrhagic septicemia in cattle of climatic change delta region (satkhira) with that in cattle of semi-changeable endemic region (sirajgonj) with their control measures	Prof. Dr. Md. Mokbul Hossain Dept. of Pathology	MoE
22	Molecular diagnosis and epidemiology of peste des petits ruminants (PPR) in Bangladesh	Prof. Dr. Emdadul Haque Chowdhury Dept. of Pathology	IAEA
23	Estrous performance and concurrent serum chemistry and thyroid hormone concentrations in Garole sheep (Ovis Aries in Sunderban region of Bangladesh.	Prof. Dr. Mohd. Kamrul Islam Dept. of Physiology	MOST
24	Indiscriminate use of antimicrobial drugs in poultry farms and analysis of antibiotic residues in poultry products in Bangladesh	Prof. Dr. Md. Mahbub Alam Dept. of Medicine	BAS-USDA
25	Investigation of wound healing by using platelet rich plasma gel on goats: Histological and molecular Technique	Prof. Dr. Md. Mizanur Rahman Dept. of Surgery and Obstetrics	BAU
26	Development Of Transcervical Artificial Insemination Technique In The Indigenous Ewe	Prof. Dr. Farida Yeasmin Bari Dept. of Surgery and Obstetrics	MoST
27	Optimization of multiple ovulation and embryo transfer (MOET) technique to speed up of genetic improvement of indigenous sheep in Bangladesh.	Prof. Dr. Farida Yeasmin Bari Dept. of Surgery and Obstetrics	BAS-USDA
28	Monitoring of ovarian follicular dynamics for the improvement of reproductive efficiency in Indigenous buffalo cows during post-partum period	Prof. Dr. Nasrin Sultana Juyena Dept. of Surgery and Obstetrics	BAU
29	Skin grafting for the management of dehorning wound in goats.	Prof. Dr. Md. Rafiqul Alam. Dept. of Surgery and Obstetrics	BAU
30	Management of External Wounds Using Autogenous and Homogenous skin Grafts in Goats.	Prof. Dr. Md. Rafiqul Alam Dept. of Surgery and Obstetrics	MoST
31	Optimization of in vitro maturation and fertilization of oocytes in the bovin in Bangladesh	Prof. Dr. Moh. Musharraf Uddin Bhuiyan Dept. of Surgery and Obstetrics	MoE
32	Maternal Body Condition Score/Nutrition During Gestation And Its Role On Placental- Fetal Development In Zebu And Crossbred Cattle	Dr. Jayonta Bhattacharjee, Asstt. Prof. Dept of Surgery and Obstetrics	MoST

All Principal Investigators, Chairpersons, Co-chairpersons, Organizers and Rapporteurs of all technical sessions are requested to attend the Dinner at Community Center, BAU, 10-10-2015; 7:30 pm



Technical Session 3: Agriculture

Chairperson : Prof. Dr. Md. Afzal Hossain, Dept. of Biochemistry and Molecular Biology
Co-Chairperson : Prof. Mr. Md. Abdul Quddus, Dept. of Genetics & Plant Breeding
Prof. Dr. Md. Golam Rabbani, Dept. of Horticulture
Organizer : Prof. Dr. Muhammad Salim, Dept. of Agronomy
Rapporteurs : Prof. Dr. M. Parvez Anwar, Dept. of Agronomy
Prof. Dr. Mohammad Jiaul Hoque, Dept. of Agricultural Ext. Education
Prof. Dr. Md. Romij Uddin, Dept. of Agronomy

Venue : Syed Nazrul Islam Conference Hall

Date and Time : 10-10-2015, 2:30 pm to 5:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
1	Allelopathic potential of cucumber (<i>Cucumis sativus</i> L.) for rice weed management	Prof. Dr. Md. Abdus Salam Dept. of Agronomy	BAU
2	Maximizing yield and quality of aromatic rice through agronomic management practices	Prof. Dr. Md. Abdus Salam Dept. of Agronomy	MoST
3	Development of sustainable and costeffective weed management technique in rice through crop residues.	Prof. Dr. Md. Romij Uddin Dept. of Agronomy	MoST
4	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
5	Integration of strip tillage with agronomic management practices for improvement system performance of rice-wheat-mungbean and rice-mustard-rice cropping patterns	Prof. Dr. Mahfuza Begum Dept. of Agronomy	MoST
6	Characterization of physiological and biochemical traits for the improvement of heat tolerance in wheat genotypes 5 Lakh	Dr. Ahmed Khairul Hasan, Assoc.Prof. Dept. of Agronomy	MoST
7	Effect of irrigation water quality on the soil properties and yield and quality of <i>Boro</i> rice	Md. Shafiqul Islam, Lecturer Dr. Ahmed Khairul Hassan, Assoc. Prof. (In-charge), Dept. of Agronomy	AU-GC
8	Climate change, soil health and food security: Looking through the lens of salinity in Southwest coast of Bangladesh	Dr. Md. Rashedur Rahman, Assitt. Prof Dept. of Agronomy	MoST
9	Development/validation and up-scaling of dry direct seeded boro rice system for improving crop productivity in areas with limited water supply	Prof. Dr. Md. Moshir Rahman Dept. of Agronomy	KGF
10	Improving drought tolerance in wheat and maize by exogenous application of proline	Prof. Dr. Md. Anamul Hoque Dept. of Soil Science.	BAU
11	Integrated Plant Nutrient Management for improving soil fertility and crop productivity in intensive cropping systems.	Prof. Dr. Md. Anamul Hoque Dept. of Soil Science	MoST
12	Improving crop productivity and livelihoods in the south-west coastal areas of Bangladesh through modern production technologies and soil management practices	Prof. Dr. Md. Anamul Hoque Dept. of Soil Science	MoE
13	Effect of Organic Matter Amendment and Water Management on Arsenic Mobilization and Uptake by Rice	Dr. Mahmud Hossain Sumon, Assoc. Prof./Prof. Dr. Md. Anamul Hoque, (In-charge), Dept. of Soil Science	AU-GC
14	Increasing Nitrogen Use Efficiency through Nitrogen and Water Management in the Riec-Rice Cropping Pattern	Dr. Mahmud Hossain Sumon, Assoc. Prof., Dept. of Soil Science	BARC
15	Improvement of Soil Fertility through Integrated Use of organic, inorganic and biological sources of nutrients for sustainable rice production	Prof. Dr. Md. Abul Hashem Dept. of Soil Science	BAU
16	A Genetic dissection of traits required for sustainable water use in rice using genome wide association studies (GWAS)	Prof. Dr. Md. Rafiqul Islam Dept. of Soil Science	DFID
17	Improvement of soil fertility and crop productivity through nutrient management and conservation Agriculture in the triple cropping pattern	Prof. Dr. M. Jahiruddin Dept. of Soil Science	KGF
18	Biofortication of zinc and iron in cereals by fertilizer use and variety selection	Prof. Dr. M. Jahiruddin Dept. of Soil Science	BAS-USDA
19	Climate and season driven changes in soil and water salinity for crop production in coastal region of Bangladesh	Prof. Dr. M. Jahiruddin Dept. of Soil Science	BC-INSPIRE
20	Screening of okra varieties for resistance against shoot and fruit borer, <i>Earias vitella</i> (F) and its integrated management	Prof. Dr. Mohammad Mahir Uddin Dept. of Entomology	BAU

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
21	Development of integrated mosquito management strategy for Mymensingh district	Prof. Dr. Mohammad Mahir Uddin Dept. of Entomology	MoE
22	Sustainable management of flower and fruit dropping of mango	Prof. Dr. Mahbuba Jahan Dept. of Entomology	KGF
23	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

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Technical Session 4: Agriculture

Chairperson : Prof. Dr. Md. Abul Kashem, Dept. of Agricultural Extension Education
 Co-Chairperson : Prof. Dr. Najrul Islam, Dept. of Agronomy
 Prof. Dr. Md. Rafiqul Islam, Dept. of Soil Science
 Organizer : Prof. Dr. Kazi Shahana Ahmed, Dept. of Entomology
 Rapporteurs : Prof. Dr. Md. Rafiqul Islam, Dept. of Soil Science
 Prof. Dr. Md. Golam Farouque, Dept. of Agricultural Extension Education
 Prof. Dr. Md. Ashraful Haque, Dept. of Genetics & Plant Breeding

Venue : Agriculture Faculty Conference Room (New Building)

Date and Time: 10-10-2015, 2:30 pm to 5:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
24	Integrated Management of Rice Stem Borer through Judicial use of insecticides and bio-control agent	Prof. Dr. Khandakar Shariful Islam Dept. of Entomology.	BAU
25	Bio-Ecology and Sustainable Management of Newly Emerging Pest of Cucurbits, Cucumber Moth (<i>Diaphania indica</i>) in Bangladesh	Md. Mahbubur Rahman, Lecturer Prof. Dr. Md. Mahir Uddin (For Presentation), Dept. of Entomology	AU-GC
26	Use of insect growth regulators and microbial derivatives for the management of papaya mealybug	Dr. Mohammed Abul Manjur Khan, Assoc. Prof., Dept. of Entomology, Dr. Shonia Sheheli, Assoc. Prof. Dept. of Agricultural Extension Education (In-charge)	AU-GC
27	Damage Assessment and Eco-Friendly Management of Spodoptera Litura (Fab.) in Cabbage	Mr. Saleh Mohammad Adnan, Asstt. Prof./ Prof. Dr. Mohammad Mahir Uddin (Incharge), Dept. of Entomology	AU-GC
28	Resistance of rice varieties to rice green leafhopper, Nephotettix spp. as influenced by morphological and chemical factors of plants	Prof. Dr. Md. Shahjahan Dept. of Entomology	BAU
29	Laboratory evaluation of two microbial insecticides S-NPV and Beauveria bassiana against Spodoptera litura	Prof. Dr. Gopal Das Dept. of Entomology	UGC
30	Insect growth regulators (IGRs) and microbial derivatives: uses of these biorational molecules for the management of brinjal shoot and fruit borer	Prof. Dr. Gopal Das Dept. of Entomology	BAU
31	Sustainable management of major lepidoteraninsect pests of important vegetable crops through ecosmart new biorational pesticides	Prof. Dr. Gopal Das Dept. of Entomology	BAS-USDA
32	Study on the prevalence and control of storage fungi of true seeds of onion	Prof. Dr. Md. Ayub Ali Dept. of Plant Pathology	BAU
33	Environment safe technique for production of healthy seeds of Onion 3 Lac	Prof. Dr. Md. Ayub Ali Dept. of Plant Pathology	MoST
34	Post harvest loss reduction innovation Lab (PHLIL) Project (Mycotoxin Component)	Prof. Dr. Md. Ayub Ali Dept. of Plant Pathology	USAID
35	Studies on leaf blight (Bipolares sorokiniana) of wheat and development of sustainable environment friendly technology for production of wheat	Prof. Dr. Ismail Hossain Dept. of Plant Pathology	MoE
36	Sustainable management of flower and fruit dropping of mango	Prof. Dr. Ismail Hossain Dept. of Plant Pathology	KGF
37	Morpho-Molecular Characterization of Important Plant Genetic Resources of BAU-Germplasm Centre	Prof. Dr. Md. Habibur Rahman Dept. of Horticulture	BAU
38	Continuation of strengthening the BAU Germplasm center for Fruit Research, Development, technology generation, Education and extension	Prof. Dr. M. A. Rahim Dept. of Horticulture	MoST



Sl. No.	Title of the project	Name of the PI with Department	Source of fund
39	Onion carrot seed production project	Prof. Dr. M. A. Rahim Dept. of Horticulture	USDA (ARS)
40	Collection and Molecular characterization of Brinjal and Mango plant genetic Resources-Two important geographical indication (GI) crops of Bangladesh	Prof. Dr. Md. Golam Rabbani Dept. of Horticulture	BARC
41	Development of technology for enhancing the quality of maize seed and its subsequent effect on yield	Md. Atik Us Saieed, Lecturer Dept. of Seed Science and Technology /Prof. Dr. Md. Ferduse Mondal Dept. Horticulture	AU-GC
42	Development of a low-cost technology for shelf life extension of banana	Prof. Dr. Md. Ferdous Mondal Dept. of Horticulture	BAU
43	Upscaling of Strawberry Cultivation System in Bangladesh	Prof. Dr. Md. Mokter Hossain Dept. of Horticulture	MoST
44	Development of Improved Production Technology for Summer Tomato in Bangladesh	Dr. Md. Rezaul Karim, Assoc. Prof. Dept. of Horticulture	MoST
45	Issues and challenges in sustainable Agricultural	Dr. Md. Ashraful Islam, Assoc. Prof. Dept. of Horticulture	USAID-VEGA
46	Organic Vegetable techniques for some small household for food security, nutrition and income generation in Bangladesh	Dr. Md. Ashraful Islam, Assoc. Prof. Dept. of Horticulture	USDA-FAS
47	Aqua innovation for household nutrition	Dr. Md. Ashraful Islam, Assoc. Prof. Dept. of Horticulture	USAID

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Technical Session 5: Agriculture

Chairperson : Prof. Dr. Md. Ferdous Mondal, Dept. of Horticulture
Co-Chairperson : Prof. Dr. Md. Abdul Momen Miah, Dept. of Agricultural Extension Education
Prof. Dr. Khandaker Shariful Islam, Dept. of Entomology
Organizer : Prof. Dr. Md. Akhter Hossain Chowdhury, Dept. of Agricultural Chemistry
Rapporteurs : Prof. Dr. Md. Abdul Kader, Dept. of Agronomy
: Prof. Dr. Mohammad Mahir Uddin, Dept. of Entomology
: Prof. Dr. Rashidul Islam, Dept. of Plant Pathology

Venue : Syed Nazrul Islam Conference Hall

Date and Time : 11-10-2015, 9:00 am to 2:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
48	Productivity and drought tolerance of different sorghum cultivars	Prof. Dr. A.K.M. Zakir Hossain Dept. of Crop Botany	BAU
49	Biological nitrification inhibition-A novel genetic strategy can increase nitrogen use efficiency and combat N ₂ O emission in cereal production system	Prof. Dr. A.K.M. Zakir Hossain Dept. of Crop Botany	MoE
50	Introduction Chia: A health beneficial new crop in Bangladesh.	Prof. Dr. Md. Alamgir Hossain Dept. of Crop Botany	BAU
51	Water-soluble chlorophyll production A health beneficial bioactive molecule derived from natural chlorophyll	Prof. Dr. Md. Alamgir Hossain Dept. of Crop Botany	MoST
52	Processing of cassava (Manihot Esculenta Crantz) Leaf for Protein Rich vegetable and animal feed in Bangladesh	Prof. Dr. Md. Solaiman Ali Fakir Dept. of Crop Botany	BAU
53	Collection and evaluation of dhaincha genetic resources of Bangladesh based on nitrogen fixing and organic matter accumulation capability in soil	Prof. Dr. A.K.M. Golam Sarwar Dept. of Crop Botany	BAU
54	<i>Dhaincha</i> as a future renewable energy crop: Collection and evaluation of <i>Dhaincha</i> genetic resources of Bangladesh based on chemical composition	Prof. Dr. A.K.M. Golam Sarwar Dept. of Crop Botany	MoST
55	Mechanism of regulation of seasonal cambial activity and their relationship with storage substances in trees	Dr. Shahanara Begum, Assoc. Prof. Dept. of Crop Botany	BAU
56	Collection and conservation of some extremely threatened wild / plant species of elhno-botanical importance in BAU Botanical Garden	Prof. Md. Mustafizur Rahman Dept. of Crop Botany	UGC



Sl. No.	Title of the project	Name of the PI with Department	Source of fund
57	Selection of Somaclones from Scutellum-Callus Derived Plantlets for Salinity Tolerant Rice	Pror. Dr. M. Obaidul Islam Dept. of Crop Botany	AU-GC
58	Harvest Plus Bangladesh	Pror. Dr. M. Obaidul Islam Dept. of Crop Botany	IRRI
59	Mutagenic effects on regenerated teale gourd plant for quality fruits	Prof. Dr. Mohammad Abdul Karim Dept. of Crop Botany	BAU
60	Phenolics in the growing region of leaves in maize genotypes under salinity	Dr. Md. Nesar Uddin, Assoc. Prof. Dept. of Crop Botany	BAU
61	Screening Purification and Evaluation of local Coastal rice varieties for salt tolerance	Prof. Dr. Lutful Hassan Dept. of Genetic & Plant Breeding	BAU
62	Resistant breeding for salinity stress tolerance in Rice	Prof. Dr. Lutful Hassan Dept. of Genetic & Plant Breeding	BARC
63	Rice Based cropping intensification by incorporating salinity tolerant rice varieties for high productivity and profitability of farmers in southern Bangladesh	Prof. Dr. Lutful Hassan Dept. of Genetic & Plant Breeding	CSISA
64	Marker assisted selection and development of doubled haploid lines in <i>brassica napus</i> for early maturity 2 Lac	Prof. Dr. Ujjal Kumar Nath Dept. of Genetics and Plant Breeding	MoST
65	Breeding of Rice for salt and submergence tolerance	Prof. Dr. Ujjal Kumar Nath Dept. of Genetics & Plant Breeding	BAU
66	Morphological and Biochemical Characterization Tomato Germplasm for Their Yield and Quality Attributes and Identification of Salt, Drought and Heat Tolerant Tomato Genotypes	Dr. Mohd. Anwar Hossain, Asstt. Prof. Dept. of Genetics and Plant Breeding	MoST
67	Impact of drought stress on pollen and spikelet sterility/fertility and yield of rice and beneficial effects of exogenous glutathione against drought stress tolerance	Dr. Mohd. Anwar Hossain, Asstt. Prof. Dept. of Genetics and Plant Breeding	AU-GC
68	Genetic dissection of Maize (<i>Zea mays</i> L.) in breeds for yield, early maturity, and other important agronomic traits for developing need based cultivars	Dr. Md. Abdullah Al Bari, Asstt. Prof. Dept. of Genetics & Plant Breeding	MoST

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Technical Session 6: Agriculture

Chairperson : Prof. Dr. M. Jahiruddin, Dept. of Soil Science
Co-Chairperson : Prof. Dr. Md. Abul Hashem, Dept. of Soil Science
Prof. Dr. Md. Abul Khair Chowdhury, Dept. of Agricultural Chemistry
Organizer : Prof. Dr. Md. Azizur Rahman, Dept. of Horticulture
Rapporteurs : Prof. Dr. Md. Zakir Hossen, Dept. of Agricultural Chemistry
: Prof. Dr. Md. Asaduzzaman Sarker, Dept. Agricultural Extension Education
: Prof. Dr. Gopal Das, Dept. of Entomology

Venue : Agriculture Faculty Conference Room (New Building)

Date and Time : 11-10-2015, 9:00 am to 2:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
69	A Novel approach of low cost eco – friendly Potyvirus free Maize variety development for poverty alleviation and food security	Prof. Dr. Md. Ashraf Haque Dept. of Genetics and Plant Breeding,	MoST
70	Screening of Local Garlic Strains and Production of Chromosomal Variants under in vitro condition	Prof. Dr. Md. Ashraf Haque Dept. of Genetics and Plant Breeding.	BAU
71	Isolation and characterization of active compounds in the dye of Kamala tree(Mallotus Philippensis) and their evaluation as biopesticides	Prof. Dr. Md. Akhter Hossain Chowdhury Dept. of Agricultural Chemistry	BAU
72	Analysis of heavy metals and food borne pathogens in food samples – I	Dr. Quazi Forhad Quadir, Assoc. Prof. Dept. of Agricultural Chemistry	FAO
73	Screening of hydroponically grown wheat genotypes for root development and grain yield under drought stress & investigation of tolerance mechanism	Dr. A.B.M. Arif Hasan Khan Robin, Assoc. Prof. Dept. of Genetics and Plant Breeding	BAU
74	Performance Appraisal of Social Workers on Safety Net Programs for the Rural Poor in Vulnerable Situation	Prof. Dr. Mohammad Jiaul Hoque/ Mr. Iffat Ara Mahzabin, Lecturer Dept. of Agricultural Extension Education	BAU

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
75	Duck farming means of income and elimination of gender disparity in Haor areas in Bangladesh	Dr. Shonia Sheheli, Assoc. Prof. Dept. of Agricultural Extension education	AU-GC
76	Preparation of chitosan from shrimp and crab wastes and investigation of its use as biopesticide and growth enhancer for vegetables	Prof. Dr. Hari Pada Seal Dept. of Agricultural Chemistry	BAU
77	Green Plant Based Remediation Technology of Heavy Metal Contaminated Soil	Prof. Dr. M. Wahid-U-Zzaman Dept. of Agricultural Chemistry	BAU
78	Alleviation of salt stress in rice by enhancing antioxidant defense systems by exogenous application of methyl jasmonate	Dr. Mohammad Anowar Hossain Assoc. Prof., Dept. of Biochemistry and Molecular Biology	AU-GC
79	Biochemical and molecular characterization of rice genotypes under salt stress.	Prof. Dr. Md. Afzal Hossain Dept. of Biochem. and Molecular Biology	MoST
80	Molecular and biochemical characterization of salinity and submergence tolerance in some advance rice lines	Prof. Dr. Md. Golam Mortuza Dept. of Biochemistry and Molecular Biology	AU-GC
81	Population Structure of Mola fish (<i>Amblypharyngodon mola</i> , Hamilton 1822) Using Randomly Amplified polymorphic DNA Marker : Implication in Sustainable Culture	Dr. Md. Shahidul Islam, Assoc. Prof./ Dr. Fahmida Khatun, Assoc. Prof. Dept. of Biotechnology	AU-GC
82	<i>Agrobacterium tumefaciens</i> mediated genetic engineering of potato for late blight resistance	Prof. Dr. Khon. Md. Nasiruddin/ Dr. Sabina Yasmin, Assoc. Prof. (In-charge) Dept. of Biotechnology	MoST
83	Preparation of colorless crystalline Stevia rebaudiana and its application as an alternative drug for diabetic patients	Prof. Dr. Md. Khairul Hassan Bhuiyan Dept. of Physics	AU-GC
84	Production, Characterization and application of MWCNTs (Multiwall Carbon Nanotube) doped Loped local Bituminous Coal for Clean Energy Development	Prof. Dr. Md. Khairul Hassan Bhuiyan Dept. of Physics	MoST
85	Rice paddy flux observation in Bengal low land	Prof. Dr. Md. Abdul Baten Dept. of Environmental Science	NIAES
86	Identification of Pheromones of Major Vegetable pests	Dr. Md. Azharul Islam, Assist. Prof. Dept. of Environmental Science	BAU
87	Organic Farming and Soil Carbon Sequestration for Sustainable Crop Production	Dr. Md. Shahadat Hossen, Assoc. Prof. Dept. of Environmental Science	BAU
88	Wastewater irrigation effect on soil biodiversity, heavy metal accumulation in soils and selected crops and greenhouse gas emission in Bangladesh	Dr. Rehana Khatun, Assoc. Prof. Dept. of Environmental Science	MoST

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Technical Session 7: Animal Husbandry

Chairperson : Prof. Dr. S.D. Chowdhury, Dept. of Poultry Science
Co-Chairperson : Prof. Dr. Md. Jasimuddin Khan, Dept. of Animal Nutrition
Prof. Dr. Md. Nurul Islam, Dept. of Dairy Science
Organizer : Prof. Dr. Md. Rokibul Islam Khan, Dept. of Animal Science
Rapporteurs : Prof. Dr. Shubas Chandra Das, Dept. of Poultry Science
: Prof. Dr. Fowzia Sultana, Dept. of Poultry Science
: Prof. Dr. Md. Kamruzzaman, Dept. of Animal Nutrition

Venue : Animal Husbandry Faculty Conference Room

Date and Time : 10-10-2015, 2:30 pm to 5:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
1	Evaluation of growth performance and adaptability of Brahman cross calves to local environment of Bangladesh	Prof. Dr. Md. Azharul Hoque Dept. of Animal Breeding and Genetics.	BAU
2	Community driven breeding scheme using indigenous and Brahman inheritance for the development of beef breed in Bangladesh	Prof. Dr. Md. Azharul Hoque Dept. of Animal Breeding and Genetics	MoST
3	Characterization and Conservation of Nageswari Duck of Bangladesh	Prof. Dr. Mohd. Shamsul Alam Bhuiyan Dept. of Animal Breeding and Genetics	BAU
4	Community driven livelihood program with Red Chittagong Cattle	Prof. Dr. A.K. Fazlul Haque Bhuiyan Dept. of Animal Breeding & Genetics	USDA



Sl. No.	Title of the project	Name of the PI with Department	Source of fund
5	Development and application of decision-support tools to conserve and sustainably use genetic diversity in indigenous livestock and wild relatives	Prof. Dr. A.K. Fazlul Haque Bhuiyan Dept. of Animal Breeding & Genetics	GEF
6	Genetic variation on the control of resistance of nematodes in the small ruminant in goat	Prof. Dr. Md. Omar Faruque Dept. of Animal Breeding & Genetics	IAEA
7	Saponin present in feeds and fodders may have the potential to manipulate rumen fermentation characteristics thus increase the productivity of ruminants	Prof. Dr. Md. Ruhul Amin Dept. of Animal Science	BAU
8	Up-scaling of cost effective formula feeds and improved management practices for increasing milk and meat production from buffaloes	Prof. Dr. Md. Ruhul Amin Dept. of Animal Science	KGF
9	Natural and Synthetic antioxidants in beef meatball	Prof. Dr. Md. Abul Hashem Dept. of Animal Science	BAU
10	Quality and safety of meat and meat products available in Mymensingh district	Prof. Dr. Syed Mohd. Ehsanur Rahman/Mr. Hasan Muhd. Mursed, Lecturer, Dept. of Animal Science	BAU
11	Effects of transport stress on physiological and meat quality in Black Bengal Goats	Prof. Dr. Md. Abul Kalam Azad Dept. of Animal Science	AU-GC
12	Effects of Feeding soy based milk replacer with different level of protein on the performance of artificially reared kids	Md. Bodruzzaman Sarker, Lecturer Dept. of Animal Science	AU-GC
13	Performance of Black Bengal kids fed different levels of milk	Prof. Dr. Mohd. Moniruzzaman Dept. of Animal Science	MoST
14	Production of buffaloes embryos from in vitro grown oocytes	Prof. Dr. Mohd. Moniruzzaman Dept. of Animal Science	IFS

All Principal Investigators, Chairpersons, Co-chairpersons, Organizers and Rapporteurs of all technical sessions are requested to attend the Dinner at Community Center, BAU, 10-10-2015; 7:30 pm

Technical Session 8: Animal Husbandry

Chairperson : Prof. Dr. Md. Abdus Samad Khan, Dept. of Dairy Science
Co-Chairperson : Prof. Dr. Zahirul Haque Khandoker, Dept. of Animal Nutrition
: Prof. Dr. Mohammad Mujaffar Hossain, Dept. of Animal Science
Organizer : Prof. Dr. Md. Ruhul Amin, Dept. of Animal Science
Rapporteurs : Prof. Dr. Md. Al-Mamun, Dept. of Animal Nutrition
: Dr. Bazlur Rahman Mollah, Assoc. Prof., Dept. of Poultry Science
: Dr. Raihan Habib, Assoc. Prof., Dept. of Dairy Science

Venue : Animal Husbandry Faculty Conference Room

Date and Time : 11-10-2015, 9:00 am to 2:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
15	Fodder production versus food crop production: an economic comparison in terms of return and land use efficiency	Prof. Dr. M. Ali Akbar Dept. Animal Nutrition	BAU
16	Introduction of fodder preservation and storage system for feeding dairy cows during flood and lean period in Banhabari area for increased milk yield and economic benefit of the farmers.	Prof. Dr. M. Ali Akbar Dept. of Animal Nutrition	MoST
17	Characterization and conservation of the indigenous Guinea fowl (<i>Numida meleagris</i>) germplasm in Bangladesh	Prof. Dr. Shubash Chandra Das Dept. of Poultry science	BAU
18	Growth performance of meat type duck under smallholder management with or without supplementation	Prof. Dr. Shubash Chandra Das Dept. of Poultry Science	MoST
19	Effect of using raw Kproch (<i>Pongamia Pinnata</i>) seed and oil extracted cake in the diet of broiler and meat type duck	Prof. Dr. Md. Shawkat Ali Dept. of Poultry Science	BAU
20	Evaluation of production potentiality, egg quality and hatchability of chicken fed potato tuber meal	Prof. Dr. Fowzia Sultana Dept. Of Poultry Science	MoST
21	Development of Inbred Lines of Japanese Quail	Dr. Md. Bazlur Rahman Mollah Assoc. Prof., Dept. of Poultry Science	AU-GC
22	Refining and validation of BAU-Bro chickens	Prof. Dr. Md. Ashraf Ali Dept. of Poultry Science	KGF
23	Is broiler diet contains antibiotic growth Promoter in Bangladesh Evaluation and Alternative	Prof. Dr. Khan Md. Shaiful Islam Dept. of Animal Nutrition	BAU
24	Safe and environment friendly broiler production by using dietary organic acid	Prof. Dr. Khan Md. Shaiful Islam Dept. of Animal Nutrition	MoST



25	Algal culture as environment friendly feed supplements for poultry	Prof. Dr. Khan Md. Shaiful Islam Dept. of Animal Nutrition,	BARC
26	Availability and feeding quality characteristics of feed resources in the traditional small-holder livestock sector in Bangladesh	Prof. Dr. Md. Jasimuddin Khan Dept. of Animal Nutrition	MoST
27	Effect of Spent Mushroom Substrates on growth performance in beef cattle	Prof. Dr. Mohd. Al-Mamun Dept of Animal Nutrition	BAU
28	Beef Cattle Production Using Spent Mushroom Substrates- A Step toward Nutritional Security	Prof. Dr. Mohd. Al-Mamun Dept. of Animal Nutrition,	MoST
29	Use of Green Forage for Manufacturing Compound Pellet Feed for Cattle	Prof. Dr. Zahirul Haque Khandaker Dept. of Animal Nutrition	MoST
30	Prediction of Protein requirement for crossbred growing bull to develop feeding system	Prof. Dr. Zahirul Haque Khandaker Dept of Animal Nutrition	BAU
31	Feeding garlic as a replacer of antibiotics on growth performance and carcass characteristics of chicken	Dr. Md. Kamruzzaman, Assoc. Prof. Dept. of Animal Nutrition	AU-GC
32	Development of Functional Dahi (Yoghurt) by lactic acid bacteria (LAB) culture isolated from natural flora	Prof. Dr. Md. Harun-ur-Rashid Dept. of Dairy Science	MoST

All Principal Investigators, Chairpersons, Co-chairpersons, Organizers and Rapporteurs of all technical sessions are requested to attend the Dinner at Community Center, BAU, 10-10-2015; 7:30 pm

Technical Session 9: Agricultural Economics & Rural Sociology

Chairperson : Prof. Mr. Paresh Chandra Modak, Dept. of Agricultural Statistics
Co-Chairperson : Prof. Dr. Md. Idris Ali Mia, Dept. of Agribusiness & Marketing
Prof. Dr. Md. Akteruzzaman, Dept. of Agricultural Economics
Organizer : Prof. Dr. Md. Taj Uddin, Dept. of Agricultural Economics
Rapporteurs : Prof. Dr. Mr. Fakir Azmal Huda, Dept. of Agricultural Economics
: Prof. Dr. Sadika Haque, Dept. of Agricultural Economics
: Prof. Md. Moniruzzaman, Dept. of Agribusiness and Marketing

Venue : Agricultural Economics Faculty Conference Room

Date and Time : 10-10-2015, 2:30 pm to 5:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
1	Is crop residue beneficial for farmers' Livelihood? A socioeconomic study.	Prof. Dr. Md. Taj Uddin Dept. of Agricultural Economics	BAU
2	One House One Farm Project and its Impact on Farmers' Livelihood in Bangladesh	Prof. Dr. Md. Taj Uddin Dept. of Agricultural Economics	MoST
3	Enhancing livelihood of farming community through adoption of conservation agriculture : A socioeconomic study	Prof. Dr. Md. Taj Uddin Dept. of Agricultural Economics	MoE
4	AquaFish Lab-Economics	Prof. Dr. Sadika Haque Dept. of Agricultural Economics	USAID
5	Participatory Budgeting in Rural Local Government : An Approach to Public Accountability(Project	A. N. M. Zakir Hossain, Lecturer Dept. of Agricultural Economics	AU-GC
6	Impact of Homestead Gardening on the Livelihoods of Rural Women in Bangladesh	Prof. Mohd. Saidur Rahman Dept. of Agricultural Economics	MoST
7	Assessing Variety Specific Losses of Rice during Harvest and Post-Harvest Operations for Ensuring Food Security	Prof. Dr. Md. Idris Ali Mia Dept. of Cooperation & Marketing	BAU
8	A Value Chain Analysis of the beef sub-sector in Pabna District	Prof. Dr. Shankar Kumar Raha Dept. of Agribusiness and Marketing	AU-GC
9	Constraints to the development of small scale Agribusiness enterprises in Bangladesh	Prof. Dr. Shaikh Abdus Sabur Dept. of Agribusiness and Marketing	BARC
10	Effects of Climate Change on Income Diversity, Poverty and Vulnerability: Evidence from Southern Part of Bangladesh	Prof. Dr. Md. Akhtaruzzaman Khan Dept. of Agricultural Finance	AU-GC
11	Production Profitability and Socio-economic Conditions of Betel leaf Farmers in Rajshahi District of Bangladesh	Md. Fuad Hassan, Lecturer Mr. Sheikh Mohammad Sayem, Assist. Prof. (For Presentation) Dept. of Agricultural Statistics	AU-GC
12	Technological Innovations in Livestock: Dissemination and Adoption	Prof. Dr. Md. Abdul Quddus Dept. of Agricultural Statistics	BAU

All Principal Investigators, Chairpersons, Co-chairpersons, Organizers and Rapporteurs of all technical sessions are requested to attend the Dinner at Community Center, BAU, 10-10-2015; 7:30 pm



Technical Session 10: Agricultural Engineering & Technology

Chairperson : Prof. Mr. Md. Abdur Rashid, Dept. of Farm Structure & Environ. Engineering
 Co-Chairperson: Prof. Md. Moslem Ali, Dept. of Computer Science & Mathematics
 Prof. Dr. Md. Monjurul Alam, Dept. of Farm Power & Machinery
 Organizer : Prof. Dr. Md. Abdul Awal, Dept. of Farm Power & Machinery
 Rapporteurs : Prof. Md. Siddikur Rahman, Dept. of Farm Structure and Env. Engg.
 Dr. Abdullah Iqbal, Assoc. Prof., Dept. of Food Tech. & Rural Industries
 Mrs. Poly Karmoker, Assitt. Prof., Dept. of Food Tech. & Rural Industries

Venue : Dean Conference Room

Date and Time: 11-10-2015, 9:00 am to 2:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
1	Estimating in-store losses of rice and ways of reducing such losses at farmers' level for addressing food security	Prof. Dr. Md. Zainul Abedin Dept. of Farm Structure and Environmental Engineering	BAU
2	In-store loss appraisal for rice and its prevention at farmers' level	Prof. Dr. Md. Zainul Abedin Dept. of Farm Structure and Environmental Engineering	MoST
3	Impact of industrial effluent discharges on degradation of natural resources in selected area of Mymensingh	Prof. Md. Siddikur Rahman Dept. of Farm Structure and Environ. Engineering	BAU
4	Feasibility study of using rice fields as wastewater treatment plant	Prof. Md. Siddikur Rahman Dept. of Farm Structure and Environmental Engineering	MoST
5	Modeling the Effect of Climate Changes on Cereal Crops for Attaining Food Security	Prof. Md. Zillur Rahman Dept. of Farm Structure and Environmental Engineering	BAU
6	Assessing the impact of climate change on rice production in selected region for attaining food security.	Prof. Md. Zillur Rahman Dept. of Farm Structure and Environmental Engineering	MoST
7	Design and Development of a low cost seeder for maize cultivation	Dr. Md. Ashik-E-Rabbani, Assoc. Prof. Dept. of Farm Power and Machinery	BAU
8	Green Energy knowledge hub (GEKH)	Prof. Dr. Monjurul Alam Dept. of Farm Power and Machinery	IFC
9	Post harvest loss reduction innovation lab(PHLIL)	Prof. Dr. Monjurul Alam Dept. of Farm Power and Machinery	USAID
10	Design and development of a four-point probe technique to detect nondestructively the internal cracks in the elements of Agricultural machineries	Md. Rostom Ali, Assoc. Prof. Dept. of Farm Power and Machinery	MoE
11	Overcoming agronomic and mechanization constraints to developments and adoption if conservation agriculture in diversified rice-based cropping in Bangladesh	Prof. Dr. Md. Mosharraf Hossain Dept. of Farm Power and Machinery	ACIAR
12	Design and development of a pull type drum seeder cumgranular urea applicator	Prof. Dr. Murshed Alam Dept. of Farm Power & Machinery	BAU
13	Feasibility Study of Palm Oil Processing Technology in Bangladesh towards Self sufficiency in Edible Oil	Prof. Dr. Md. Abdul Awal Dept. of Farm Power And Machinery	MoST
14	Post harvest loss reduction innovation lab (PHLIL) Project (Storage Component)	Prof. Dr. Md. Abdul Awal Dept. of Farm Power And Machinery	USAID
15	Development of a Computer Vision System for Grading Size of Mango	Dr. Md. Abdul Momin, Assoc. Prof. Prof. Dr. Md. Monjurul Alam(In-charge) Dept. of Farm Power & Machinery.	AU-GC
16	Post harvest loss reduction innovation lab (PHLIL) Project (Drying Component)	Prof. Dr. Chayan Kumar Saha Dept. of Farm Power And Machinery	USAID
17	Economic extraction and utilization of peocction from under utilized fruits and industrials by products	Prof. Dr. Md. Burhan Uddin Dept. of Food Technology and R.I	MoE
18	Screening, isolation and optimization of Baker's yeast production using renewable resources for food application	Prof. Dr. Mohd. Golzarul Aziz, Assoc. Prof. Dept. of Food Technology and Rural Industries	BAU
19	Characterization of colour and surface appearance of banana fruits using Computer Vision System (CVS)	Dr. Abdullah Iqbal, Assoc. Prof. Dept. of Food Technology and R. I.	BAU

All Principal Investigators, Chairpersons, Co-chairpersons, Organizers and Rapporteurs of all technical sessions are requested to attend the Dinner at Community Center, BAU, 10-10-2015; 7:30 pm



Technical Session 11: Fisheries

Chairperson : Prof. Dr. Md. Idīs Mīah, Dept. of Fisheries Management
Co-Chairperson : Prof. Dr. Kirtunia Juran Chandra, Dept. of Aquaculture
Prof. Dr. Monorānjan Das, Dept. of Aquaculture
Organizer : Prof. Dr. Md. Ali Reza Faruk, Dept. of Aquaculture
Rapporteurs : Prof. Dr. Fatema Hoque Shikha, Dept. of Fisheries Technology
Prof. Dr. Shahroz Mahean Haque, Dept. of Fisheries Management
Prof. Dr. Mohammad Mahfujul Haque, Dept. of Aquaculture

Venue : Fisheries Faculty Conference Room

Date and Time : 10-10-2015, 2:30 pm to 5:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
1	Enhancement of maturation for spontaneous spawning fatty acid	Prof. Dr. Md. Fazul Awal Mollah Dept. of Fisheries Biology & Genetics	BAU
2	Toxicity of Diazinon 60 EC and sumithion to channa punctatus and golssogobius giuris	Prof. Dr. Md. Fazul Awal Mollah Dept. of Fisheries Biology & Genetics	BFRI
3	Rui genetics-BAU-worldfish-BFRI	Prof. Dr. Md. Rafiqul Islam Sarder Dept. of Fisheries Biology & Genetics	BFRF
4	Conservation of three indigenous endangered fish species Tengra (<i>Mystus vittatus</i>), Gulsha (<i>Mystus cavasius</i>) and Bata (<i>Labeo bata</i>) through cryopreservation of sperm	Prof. Dr. Md. Rafiqul Islam Sarder Dept. of Fisheries Biology & Genetics	BFRI
5	Study of a new and revolutionary type of fish meal containing bamboo charocoal on fish growth and elimination of nitrogenous excretion in pangasiid catfish pond	Prof. Dr. Md. Sadiqul Islam, Dept. of Fisheries Biology & Genetics	BAU
6	Effects of some organophosphorus pesticides on the hematological parameters, tissues and organs and reproductive system of silver barb and tilapia	Prof. Dr. Md. Sadiqul Islam Dept. of Fisheries Biology & Genetics	BFRI
7	Determination of marker suitability in identification of monosex Nile tilapia, <i>Oreochromis niloticus</i>	Dr. Mohd. Golam Quader Khan Assoc. Prof. Dept. of Fisheries Biology and Genetics.	AU-GC
8	Towards understanding the mycotic diseases in aquaculture.	Dr. Mohd. Nasif Sarowar, Asstt. Prof. Dept. of Fisheries Biology and Genetics	MoST
9	Testing of local herbal products for fish shrimp diseases prevention and control	Prof. Dr. Gias Uddin Ahmed Dept. of Aquaculture	BFRI
10	Investigation on health Issues of some endangered freshwater fishes of Bangladesh	Prof. Dr. Gias Uddin Ahmed Dept. of Aquaculture	MoE
11	Tracks transforming climate knowledge with and for society mobilising knowledge on climate variability with communities in nuriest Bangladesh	Prof. Dr. Moh. Mahfujul Haque Dept. of Aquaculture	RCN
12	Effect of different levels of substitution of fishmeal with bloodmeal in pelleted feed on Thai Pangas	Prof. Dr. Md. Sazzad Hossain Dept. of Aquaculture	BAU
13	Substitution of fishmeal with bloodmeal in pelleted feed for the growth and production of walking catfish clarias batrachus	Prof. Dr. Md. Sazzad Hossain Dept. of Aquaculture	MoST
14	Study the impact of aquaculture activities on livelihood of indigenous women in Sherpur District	Prof. Dr. Md. Ahsan Bin Habib Dept. of Aquaculture	BAU
15	Culture and production of house fly larvae and spirulina using poultry waste and their use as food for catfish post-larvae	Prof. Dr. Md. Ahsan Bin Habib Dept. of Aquaculture	MoE
16	Development of Fish Meal Alternative to Enhance Fish Production through Black Solder Fly Larvae (BSF) Rearing	Prof. Dr. M. A. Salam Dept. of Aquaculture	MoST

All Principal Investigators, Chairpersons, Co-chairpersons, Organizers and Rapporteurs of all technical sessions are requested to attend the Dinner at Community Center, BAU, 10-10-2015; 7:30 pm



Technical Session 12: Fisheries

Chairperson : Prof. Dr. Muhammad Shahidul Haq, Dept. of Fisheries Management
 Co-Chairperson: Prof. Dr. Gias Uddin Ahmed, Dept. of Aquaculture
 Prof. Dr. Mahfujul Haque, Dept. of Fisheries Management
 Organizer : Prof. Dr. Md. Rafiqul Islam Sarder, Dept. of Fisheries Biology & Genetics
 Rapporteurs : Prof. Mr. Md. Sazzad Hossain, Dept. of Aquaculture
 Prof. Dr. Mst. Kaniz Fatema, Dept. of Fisheries Management
 Dr. Mohammad Nasif Sarowar, Dept. of Fisheries Biology & Genetics

Venue : Fisheries Faculty Conference Room

Date and Time : 11–10–2015, 09:00 am to 2:00 pm

Sl. No.	Title of the project	Name of the PI with Department	Source of fund
17	Investigation on Diseases of Farmed Indigenous Stinging catfish, <i>Heteropneustes fossilis</i>	Prof. Dr. Md. Ali Reza Faruk Dept. of Aquaculture	BAU
18	Influence of chemicals and drugs on microbial flora used indiscriminately in aquaculture	Prof. Dr. Md. Ali Reza Faruk Dept. of Aquaculture	BFRI
19	Histological study of gill diseases in riverine and marine populations of <i>Tenualosa ilisha</i> in Bangladesh	Prof. Dr. Harunnur Rashid Dept. of Fisheries Management	BAU
20	Study of reproductive endocrinology of mudeel monopterus <i>cuchia</i> for artificial propagation	Prof. Dr. Harunnur Rashid Dept. of Fisheries Management	BARC
21	Appraisal, assessment and management of Bombay Duck <i>Harpadon nehereus</i> stock in the bay of Berngal	Prof. Dr. Zoarder Faruque Ahmed Dept. of Fisheries Management	BAU
22	Economic incentives to conserve Hilsa fish (<i>Tenualosa ilisha</i>) in Bangladesh	Prof. Dr. Zoarder Faruque Ahmed Dept. of Fisheries Management	IIED
23	Effect of Agro-pesticides on the reproductive physiology of zebrafish (<i>Danio rerio</i>) and common carp (<i>Cyprinus carpio</i>)	Prof. Md. Shahidur Rahman Dept. of Fisheries Management	BFRI
24	Development of induced breeding, larval rearing and culture techniques of ghaura, <i>Clupisoma garua</i>	Prof. Dr. Md. Idris Miah Dept. of Fisheries Management	BAU
25	Novel approach for the semi-intensive polyculture of indigenous air-breathing fish with carps for increasing income and dietary nutrition while reducing negative environmental impacts	Prof. Dr. Shahroz Mahean Haque Dept. of Fisheries Management	USAID
26	Aqua-innovation investigation-1	Prof. Dr. Mst. Kaniz Fatema Dept. of Fisheries Management	USAID
27	Detection of safety doses of aqua drugs	Prof. Dr. Md. Kamal Dept. of Fisheries Technology	BFRI
28	Eco-friendly utilization of shrimp processing plant discards in the growth study of fin fishes 5 Lakh	Prof. Dr. Fatema Hoque Shikha Dept. of Fisheries Technology	MoST
29	Development of fish pickle and condiment (Chutney) from Pangus fish (<i>Pangasianodon hypophthalmus</i>) and its shelf life study under various storage condition	Prof. Dr. Fatema Hoque Shikha Dept. of Fisheries Technology	BAU
30	Studies on the properties of Lactobacilli strains isolated from raw cow milk and their probiotic effect on the fish growth and health	Prof. Dr. Md. Nazrul Islam Dept. of Fisheries Technology	BAU
31	Utilization of Pangus, Tilapia and other fish processing wastes into value-added products	Prof. Dr. A K M Nowsad Alam Dept. of Fisheries Technology	BAU
32	Production enhancement of aquaculture through innovative technologies in cage culture system in haor areas of Karimganj, Kishoreganj	Prof. Dr. A K M Nowsad Alam Dept. of Fisheries Technology	KGF

All Principal Investigators, Chairpersons, Co-chairpersons, Organizers and Rapporteurs of all technical sessions are requested to attend the Dinner at Community Center, BAU, 10-10-2015; 7:30 pm



Concluding Session

- Chief Guest : **Prof. Dr. M.A. Sattar Mandal**
Former Vice-Chancellor, BAU, Mymensingh
- Chief Petron : **Prof. Dr. Md. Ali Akbar**
Honorable Vice-Chancellor, BAU, Mymensingh
- Special Guest : **Prof. Dr. Md. Shams-Ud-din**
Honorable Vice Chancellor, Patuakhali University of Science & Technology
- : **Prof. Dr. Md. Jasimuddin Khan**
Students' Affairs Adviser, BAU, Mymensingh
- Chairperson : **Prof. Dr. Lutful Hassan**
Director, BAURES, BAU, Mymensingh
- Organizer : **Prof. Dr. Md. Atiqur Rahman Khokon**
Associate Director, BAURES, BAU, Mymensingh
- Co-Organizers : **Prof. Dr. Md. Zainul Abedin**
Dept. of Farm Structure and Environmental Engineering
- : **Prof. Dr. M.A. Salam**
Dept. of Aquaculture
- : **Prof. Dr. Md. Abdul Alim**
Dept. of Food Technology & Rural Industries
- : **Prof. Md. Saidur Rahman**
Dept. of Agricultural Economics
- Chief Rapporteur: **Prof. Dr. Md. Solaiman Ali Fakir**
Dept. of Crop Botany
- Rapporteurs **Prof. Dr. Masum Ahmad**
Dept. of Entomology
- Prof. Dr. Md. Akhtaruzzaman Khan**
Dept. of Agricultural Finance
- Prof. Dr. Emdadul Haque Chowdhury**
Dept. of Pathology
- Prof. Dr. Md. Abul Hashem**
Dept. of Animal Science
- Prof. Dr. Md. Sadiqul Islam**
Dept. of Fisheries Biology and Genetics
- Prof. Md. Zillur Rahman**
Dept of Farm Structure and Environmental Engineering
- Venue : Syed Nazrul Islam Conference Hall, BAU, Mymensingh
- Date and Time : **11-10-2015, 6:00 pm to 8:30 pm**
- Dinner : **Community Center, BAU, 11-10-2015; 8:30 pm**

INVITATION

All Invited guests, Principal Investigators, Chairpersons, Co-chairpersons, Organizers and Rapporteurs of all technical sessions are requested to attend in the concluding session.