

Faculty of Agricultural Engineering & Technology

Department of Farm Power & Machinery

Ph D degree awarded:20

Sl No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Md. Abdus Satter	Prof. Dr. Bilash Kanti Bala	A system dynamics model to assess the impacts of agricultural mechanization on rice production in Bangladesh	1996
2.	Biraj Kumar Biswas	Prof. Dr. Bilash Kanti Bala	Climatic change impact on fishery in the world oceans an attempt of statistical for casting	2001
3.	Murshed Alam	Prof. Dr. Md. Daulat Hussain	Improvement of the spray deposition on rice crop	2003
4.	Ayub Hossain	Prof. Dr. Bilash Kanti Bala	Forced convection solar drying of chilli	2004
5.	Md. Israil Hossain	Prof. Dr. Md. Mosharraf Hossain	Development of power tiller operated potato planter cum fertilizer applicator	2009
6.	Md. Abdul Wohab	Prof. Dr. A T M Zahiruddin	Development of combined tillage bed former and seeder for upland conservation farming	2010
7.	Mohammad Monirul Islam Chowdhury	Prof. Dr. Bilash Kanti Bala	Solar Dr.ying of jackfruit leather	2011
8.	Md. Mujibur Rahman	Prof. Dr. Bilash Kanti Bala	Modeling the climate change impacts on jute production in Bangladesh	2011
9.	Md. Anower Hossain	Prof. Dr. Bilash Kanti Bala	Mathematical modeling of integrated coastal zone management of Bangladesh	2012

10.	A S M Amanullah	Prof. Dr. Md. Mosharraf Hossain	Modeling of sugarcane growth and biofuel production	2013
11.	A K M Saiful Islam	Prof. Dr. Md. Mosharraf Hossain	Development of multi-crop planter for conservation agriculture by a k m saiful islam	2013
12.	Md. Nurul Amin	Prof. Dr. Md. Mosharraf Hossain	Reduction of post-harvest loss and extension of shelf-life of banana through hot water treatment plant	2013
13.	Mohammad Imanun Nabi Khan	Prof. Dr. Md. Monjurul Alam	Value chain analysis of selected agricultural machineries in Bangladesh	2016
14.	Md. Anwar Hossen	Prof. Dr. Md. Mosharraf Hossain	Development of rice transplanter for un-puddled condition	2017
15.	Mahbubul Alam Zami	Prof. Dr. Md. Monjurul Alam	Design and development of a self-propelled reaper with a simple power transmission gearbox	2017
16.	Muhammad Arshadul Hoque	Prof. Dr. Md. Mosharraf Hossain	Energy use efficiency of different conservation agriculture based crop management practices	2017
17.	Md. Golam Kibria Bhuiyan	Prof. Dr. Md. Monjurul Alam	Milled rice value chain in Bangladesh	2018
18.	Mohammad Afzal Hossain	Prof. Dr. Md. Abdul Awal	Appropriate paddy storage technology for small farmers in Bangladesh	2020
19.	Md. Ashraful Alam	Prof. Dr. Md. Monjurul Alam	Neural network modeling, energy and exergy analysis of BAU-STR drier	2020
20.	Md. Anisur Rahman	Prof. Dr. Md. Monjurul Alam	Optimizing anaerobic co-digestion of poultry dropping with organic solid wastes for biogas production	2020

Department of Irrigation & Water Management
Ph D degree awarded:16

SI No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Md. Bazlur Rahman Khan	Prof. Dr. Md. Mujibur Rahman Biswas	Influence of evapotranspiration and irrigation on potato crop	2000
2.	Md. Abdur Rashid	Prof. Dr. Lutfor Rahman Khan	Ground water management for rice irrigation in Barind area of Bangladesh	2006
3.	Md. Towfiqul Islam	Prof. Dr. Lutfor Rahman Khan	Drought modeling for aman rice in the northwest region of Bangladesh	2008
4.	Md. Nazmul Hasan	Prof. Dr. Abul Khair	Improvement of water management practices of shallow tubewell irrigation system in Thakurgon district	2008
5.	Md. Hossain Ali	Prof. Dr. Md. Rafiqul Hoque	Deficit irrigation for wheat cultivation under limited water supply condition	2008
6.	Md. Abul Kashem Khan	Prof. Dr. Md. Shahid Ullah Talukder	Evaluation of water management practices under different planting methods of rice production	2008
7.	Hamidur Rahman Molla	Prof. Dr. Md. Shahid Ullah Talukder	Rainwater harvesting for rabi crop cultivation in south-east coastal saline area of Bangladesh	2009
8.	Muhammad Abdus Samad	Prof. Dr. Md. Rafiqul Hoque	Management of minor irrigation systems	2009
9.	Pijush Kanti Sarka	Prof. Dr. Md. Motiur Rahman Khan	A model study for irrigation management of wheat production	2009
10.	Makhan Lal Dutta	Prof. Dr. Abul Khair	Irrigated home gardening for improving household food security	2009

11.	Nazmun Nahar Karim	Prof. Dr. Md. Shahid Ullah Talukder	Agro-climatic studies for rice production and water management strategies in north central hydrological region of Bangladesh	2010
12.	Sanjida Parveen Ritu	Prof. Dr. Md. Shahid Ullah Talukder	Crop and water management for increasing rice cropping intensity and productivity of the coastal region of Bangladesh	2012
13.	Sujit Kumar Biswas	Prof. Dr. Md. Abdul Mojid	Effects of irrigation with municipal wastewater on wheat and potato cultivation	2012
14.	Abul Basar Md. Zahid Hossain	Prof. Dr. Md. Abdul Mojid	Solute-transport characteristics through different textured soils	2013
15.	Md. Maniruzzaman	Prof. Dr. Md. Shahid Ullah Talukder	Entitled development of cost effective water saving technologies for boro rice production in Bangladesh	2014
16.	Shahana Parveen	Prof. Dr. Mesbauddin Ahmed	Effect of water stress on wet seeded rice	2015

Department of Food Technology & Rural Industries
Ph D degree awarded:09

SI No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Sreekanta Sheel	Prof. Dr. Md. Sham-Ud-Din	A study on thermal kinetics and consistency improvement of guava jelly and tomato ketchup	2008
2.	Imtiaz Hussain	Prof. Dr. M Burhan Uddin	Standardization of the process for the development of weaning food from germinated wheat and mungbean	2013
3.	Sultana Anjuman Ara Khanom	Prof. Dr. M Burhan Uddin	Effect of osmotic pre-treatments on dehydration of pineapple slices	2013
4.	Mohammad Mamun Chowdhury	Prof. Dr. M Burhan Uddin	Standardization of processing, quality and safety parameters for freezing storage of selected vegetables	2013
5.	Mohammad Faizul Hoque Shikder	Prof. Dr. M Burhan Uddin	Effect of drying methods on the quality of sweet potato products	2014
6.	Md. Masud Alam	Prof. Dr. Md. Nazrul Islam	Development of shelf stable dehydrated summer onion products	2014
7.	Ashek Mahfuz	Prof. Dr. M Burhan Uddin	Effect of physico-chemical and environmental factors on stability of iodine in iodized salt	2017
8.	Rokeya Begum	Prof. Dr. M Burhan Uddin	Extraction and utilization of pectin from selected fruit wastes	2017
9.	Anis Alam Siddiqui	Prof. Dr. Md. Abdul Alim	Comparative assessment of quality and productivity of high energy biscuit with the intervention of food safety program and haccp in nabisco biscuit and bread factory ltd	2019