

## Faculty of Agriculture

Department of Agronomy  
(Ph D degree awarded:119)

Sl No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Md. Abdul Gaffer	Dr. A.K.M. Shamsuddin	A study on the morpho-agronomic characters of rice and their genetic behaviour	1980
2.	Masood Ahmed	Prof. Dr. S.M. Altaf Hossain	Effect of cultural condition and storage environment on the quality and field performance of wheat seed	1990
3.	Md. Ashraful Islam	Dr. Mohammad Hossain Mondal	A study of pulses oriented cropping patterns under rainfed and irrigated conditions	1991
4.	Syed Ali Iman	Prof. Dr. S.M. Altaf Hossain	Effect of set and settling under different management condition on the yield performance of sugarcane	1991
5.	A.J.M. Enamul Hoq Chowdhury	Prof. Dr. M. Eunos	Potential for using true potato seed (TPS) for potato production in Bangladesh	1992
6.	Md. Nazmul Huda	Dr. Munshi Siddique Ahmed	Effect of quality of certified seed and farmers seed on the productivity of rice and wheat	1994
7.	Md. Fazlul Haque	Dr. A.F.M. Maniruzzman	Productivity of inter crop combinations chickpea and lentil with rape seed	1995
8.	Md. Hazrat Ali	Dr. S.M.H. Zaman	Influence of population density, nitrogen and sulphur on yield, oil and protein content of rapeseed ( <i>Brassica campestris l</i> )	1995
9.	Shaikh Abdul Quader	Prof. Dr. S.M. Altaf Hossain	Seed quality of wheat as affected by production technology	1995

10.	SK.Md. Abdus Sattar	Dr. A.J.M. Azizul Islam	Modelling potential productivity of transplanted rice and wheat crops in selected environment of Bangladesh	1996
11.	Md. Abdus Siddique	Prof. Dr. S.M. Altaf Hossain	Effect of growth regulator <i>Bradyrhizobium</i> inoculant and mineral fertilizer on the growth and yield of groundnut ( <i>Arachis Hypogaea L</i> )	1996
12.	Md. Abu Sufian	Prof. Dr. Abdullah Al-Mamun	Effect of preparatory land tillage and weed management on wheat and succeeding aus rice	1996
13.	Md. Azizur Rahman	Prof.Dr. M. Abdul Gaffer	A study on the production potential of forage crop in two predominant cropping systems of Bangladesh	1996
14.	Md. Abdul Quayyum	Dr. A.F.M. Maniruzzman	Productivity of some rainfed early kharif crops and crop combinations and their effects on subsequent transplanted aman rice	1997
15.	Md. Ruhul Amin Sarker	Dr. Mohammed H. Mondal	Grain yield and grain protein of cowpea as affected by agronomic management	1997
16.	Gazi Jashim Uddin Ahmed	Prof. Dr. Abdullah Al-Mamun	Weed management in direct seeded aus rice grown under different agro-environmental conditions	1997
17.	Mohammed Jahan Ullah Chowdhury	Prof. Dr. S.M. Altaf Hossain	Compensation of yield reduction delayed transplant aman rice by manipulating planting technique and fertilization	1997
18.	S. M. Rezaul Karim	Prof. Dr. S.M. Altaf Hossain	Effect of legumes on the productivity of rice based cropping patterns	1998
19.	Md. Anis Uddin	Prof. Dr. Sultan Uddin Bhuiya	Germunabnility and performance of <i>Sesbania rostrata</i> seed as affected by growing condition stage of harvest and storage period	2002
20.	Jagadish Chandra Pandit	Prof. Dr. A. M. Ashraful Kamal	Effect of fertilizer management seeding density and irrigation on yield and protein content of wheat	2002
21.	Md. Abul Hossain	Prof. Dr. Masood Ahmed	Quality of off-season jute seed as influenced by planting time, stage of maturity and storage condition	2005

22.	Narayan Chandra Basak	Prof. Dr. S.M. Altaf Hossain	Effects of groundnut crop residue and chemical fertilizers on the productivity of groundnut-rice-rice pattern	2005
23.	Sultan Ahmed	Prof. Dr. Abdullah Al-Mamun	Response of three modern rice varieties to different soil moisture regimes as maintained at different growth stages	2005
24.	Md. Abdul Momin	Prof. Dr. S.M. Altaf Hossain	Effect of different composting techniques and chemical fertilizers on the yield and quality of rice and <i>stem amaranth</i>	2005
25.	Md. A.K.M. Ruhul Amin	Prof. Dr. Najrul Islam	Effect of cold temperature and agronomic management on the spikelet sterility and yield of boro rice	2005
26.	Md. Ayub Khan	Prof. Dr. S.M. Altaf Hossain	Effects of jute based cropping pattern on crop productivity and soil fertility	2006
27.	Md. Shahiduzzaman	Prof. Dr. Md. Eunus	Effect of agronomic practices on the yield <i>Cammellia sinensis</i> (L), O. Kuntze	2006
28.	Md. Yasin Ali	Prof. Dr. S.M. Altaf Hossain	Effect of nitrogen source and planting pattern on boro rice productivity and soil fertility.	2006
29.	Ataul Karim	Prof. Dr. S.M. Altaf Hossain	Dynamism of farming systems in two agroecological regions Bangladesh	2006
30.	Md. Abul Kashem	Prof. Dr. S.M. Altaf Hossain	Rice productivity and soil fertility management in two major cropping patterns through in situ and in vitro application of biomass under irrigated and rainfed ecosystems	2006
31.	Md. Nur Alam Mondal	Prof. Dr. S.M. Altaf Hossain	Performances of dry land crops as influenced by mulching and tillage	2006
32.	Mohammad Ataur Rhman	Prof. Dr. Masood Ahmed	Effect of sulphur, calcium, magnesium and <i>Bradyrhizobium</i> fertilization on the yield and seed quality of groundnut	2006
33.	Reaz Uddin Shamim	Prof. Dr. S.M. Altaf Hossain	Effect of modern agricultural technology on the productivity and sustainability of farming systems in Bangladesh	2006

34.	Md. Rafiqul Islam	Dr. M. A. Salam, BINA	Adaptability studies in wheat under water stress conditions	2006
35.	A. S. M. Abdur Razzaque	Prof. Dr. Najrul Islam	Improving productivity of the transplant aman rice-mustard cropping sequence.	2006
36.	Md. Islam Uddin Mollah	Prof. Dr. Md. Sultan Uddin Bhuiya	Effect of bed plating technique on the productivity and resource conservation in rice-wheat cropping systems	2006
37.	Babu Lal Nag	Prof. Dr. M. Mahabubul Karim	Improving productivity of Oleiferous brassica in saline soil	2006
38.	Md. Shahidul Islam	Prof. Dr. Md. Sultan Uddin Bhuiya	Effect of nitrogen management on growth and yield of hybrid and inbred rice varieties	2006
39.	Md. Kalim Uddin	Prof. Dr. Najrul Islam	Effects of cultural practices on soil moisture conservation and growth and yield of chickpea	2007
40.	Md. Bazlur Rahman	Prof. Dr. Abdullah Al-Mamun	Effect of nitrogen and weed management of direct wet seeded and transplanted <i>Aman</i> and <i>Boro</i> rice	2007
41.	Md. Abdul Mannan	Prof. Dr. Md. Sultan Uddin Bhuiya	Effects of planting date, nitrogen fertilization and water stress on the growth, yield and quality of fine rice	2007
42.	A S M Hasim Morshed Talukder	Prof. Dr. M. Abdur Rahman Sarkar	Effect of water management and phosphorus rates on growth and yield of rice in an arsenic-soil-water system	2007
43.	Md. Zahirul Islam	Prof. Dr. S.M. Altaf Hossain	Production potential of maize oriented intercropping as influenced by NPK level and row arrangement	2007
44.	Md. Alamgir Hasan	Prof. Dr. Najrul Islam	Vegetable production on the <i>ails</i> of rice field and its effects on rice crop	2007
45.	Md. Younus Ali Pramanik	Prof. Dr. M. Abdur Rahman Sarkar	Effect of green manuring on transplant <i>aman</i> rice and its residual effect on subsequent <i>boro</i> rice	2008
46.	Md. Mosharrof Hossain	Prof. Dr. Md. Moshiur Rahman	Effect of field environment manipulation on growth, seed yield and quality of soybean	2008

47.	Md. Hasan Kabir	Prof. Dr. M. Abdur Rahman Sarkar	Performance of year round mungbean varieties as affected by planting practice, phosphorus level, inoculum and irrigation	2008
48.	Md. Farid Hossain	Prof. Dr. Md. Sultan Uddin Bhuiya	Improving the yield and quality of aromatic rice through manipulation of cultural practices	2008
49.	Md. Mahbubul Islam	Prof. Dr. M. Abdur Rahman Sarkar	Seed quality, plant establishment and yield of jute as affected by seed source	2008
50.	Md. Humayun Kabir	Prof. Dr. Md. Sultan Uddin Bhuiya	Effects of crop establishment method, nitrogen fertilization and weed management on the productivity of <i>boro</i> rice under high and lowland ecosystems	2008
51.	Md. Sirajul Islam	Prof. Dr. Md. Sultan Uddin Bhuiya	Physiological traits for high grain yield, lodging characteristics and crop management for improving lodging resistance of hybrid rice	2008
52.	Mrityunjoy Biswas	Prof. Dr. Najrul Islam	Effects of plant establishment technique and nitrogen management on the performance of maize	2008
53.	Kalidas Debnath	Prof. Dr. Najrul Islam	Increasing rice yield through adaptation of system of rice intensification	2008
54.	Shahida Sarker Parul	Prof. Dr. Masood Ahmed	Nitrogen management in two modern varieties of boro rice	2008
55.	Md. Abdul Jalil Mridha	Prof. Dr. S. M. Rezaul Karim	Evaluation of rice genotypes for allelopathic behaviour against <i>Echinochloa crusgalli</i> L.	2008
56.	Md. Fazlul Islam	Prof. Dr. M. Abdur Rahman Sarkar	Effect of direct wet-seeding using drum seeder and transplanting on the productivity of rice grown under different management practices	2009
57.	Md. Harunur Rashid	Prof. Dr. Md. Sultan Uddin Bhuiya	Crop establishment method and resource management option for optimizing rice productivity in rice-rice and rice-wheat ecosystems	2009

58.	Md. Abul Khayer Mian	Prof. Dr. Md Ashraful Kamal	Performance of maize oriented cropping patterns under different nutrient management	2009
59.	Abhijit Sah	Prof. Dr. M. Abdur Rahman Sarkar	Maximization of yield and profitability of boro rice through integration of SRI and BRRI techniques	2009
60.	Md. Shahidullah	Prof. Dr. Najrul Islam	Effects of planting time, spacing, seedling age and plant nutrient on the performance of summer onion	2009
61.	Md. Shamsur Rahman	Prof. Dr. Muhammad Salim	Comparison of production ability of F <sub>2</sub> seeds with F <sub>1</sub> hybrid and open pollinated maize crops	2010
62.	Golam Md. Faruk	Prof. Dr. S.M. Rezaul Karim	Competitiveness of transplant <i>aman</i> rice against barnyard grass	2010
63.	Md. Monjurul Islam	Prof. Dr. Masood Ahmed	Development of technologies for improving yield and storability of chickpea seed	2010
64.	Dilwar Ahmed Choudhury	Prof. Dr. Muhammad Salim	Performance of wheat genotypes based on agronomic and physiological parameters grown under residual soil moisture	2011
65.	M. Shahab Uddin	Prof. Dr. M. Abdur Rahman Sarkar	Studies on fodder production in association with main crop	2011
66.	Md. Saydur Rahman	Prof. Dr. Md. Sultan Uddin Bhuiya	Performance of climber vegetables in homestead ecosystems and their contribution to livelihood improvement in Barind region of Bangladesh	2011
67.	Md. Abdul Mannaf	Prof. Dr. Masood Ahmed	Study on potato production in the north west region of Bangladesh using seedling tubers derived from true potato seed	2011
68.	Jebun Nessa	Prof. Dr. S.M. Altaf Hossain	Study of dynamism and productivity of cropping patterns in rice based cropping systems	2011
69.	Md. Alimur Rahman	Prof. Dr. Najrul Islam	Growth and yield of wheat in the high Barind tract as influenced by heat stress and management practices	2012

70.	Md. Monir Uddin	Prof. Dr. S.M. Altaf Hossain	Effect of size of urea supergranule and spacing on growth, yield and nitrogen use efficiency of rice	2012
71.	Md. Abu Hena Sorwar Jahan	Prof. Dr. M. Abdur Rahman Sarkar	The effect of nutrient management on the productivity of potato-mungbean-t. <i>Aman</i> rice cropping pattern	2012
72.	Ashratun Nessa	Prof. Dr. Masood Ahmed	Adaptation, seed quality evaluation and performance of different advanced lines of lentil	2012
73.	Md. Zakir Hossain	Prof. Dr. M. Abdur Rahman Sarkar	Maximizing yield of transplant <i>aman</i> and <i>boro</i> rice through adoption of system of rice intensification	2013
74.	Md. Nahid Parvez	Prof. Dr. Najrul Islam	profitability from off-season jute seed production by mixed intercropping and row intercropping with legumes and vegetables	2013
75.	Kawsar Uddin Ahammad	Prof. Dr. Md. Moshir Rahman	Effect of seed priming on seedling establishment and yield performance of maize	2013
76.	Md. Rajab Ali	Prof. Dr. Md. Moshir Rahman	Effect of storage environment on the quality of soybean seed	2013
77.	Md. Aminur Rahman	Prof. Dr. M. Abdur Rahman Sarkar	Effect of phosphorus, calcium, boron and <i>Bradyrhizobium</i> on growth, yield and seed quality of groundnut	2013
78.	Md. Shahidul Islam	Prof. Dr. M. Abdur Rahman Sarkar	Development of production packages of aromatic and non-aromatic fine rice varieties for <i>boro</i> and <i>aman</i> seasons	2014
79.	Amina Khatun	Prof. Dr. Md. Sultan Uddin Bhuiya	Effect of nitrogen from organic and inorganic sources on plant nutrient composition, yield and seed quality of boro rice	2014
80.	Md. Jahangir Alam	Prof. Dr. Md. Moshir Rahman	Productivity of sequential intercropping in paired row sugarcane	2014
81.	Md. Akhlaq Uddin	Prof. Dr. Md. Moshir Rahman	Yield performance of <i>boro</i> rice under aerobic system of cultivation	2014

82.	Md. Ruhul Amin Sarker	Prof. Dr. S.M. Altaf Hossain	Performance of farmers' field school on the knowledge and skill development of farmers in addressing food security through rice - rice cropping pattern	2014
83.	Md. Humayun Kabir	Prof.. A.K.M. Sayedul Haque Chowdhury	Effect of urea supergranules, prilled urea and poultry manure on the growth and yield of rice	2014
84.	Md. Asaduzzaman	Prof. Dr. M. Abdur Rahman Sarkar	Growth and yield of baby corn as influenced by variety, planting time, spacing and rate of n-fertilizer	2014
85.	Md. Shakhawat Hossain	Prof. Dr. M. Abdur Rahman Sarkar	Influence of integrated plant nutrition system and legume crops inclusion on the productivity of wheat-transplant aman rice cropping pattern	2014
86.	Md. Arifur Rahman Khan	Prof. A.K.M. Sayedul Haque Chowdhury	Production technology of stevia ( <i>Stevia rebaudiana</i> ) by stem cutting	2015
87.	Md. Muktadir Alam	Prof. Dr. Md. Moshir Rahman	Effect of storage environment on groundnut seed quality	2016
88.	Md. Abu Bakar Siddique Sarker	Prof. Dr. Najrul Islam	An investigation into the critical factors of system of rice intensification for maximizing the boro rice yield	2016
89.	Mohammad Mahbubur Rashid	Prof. Dr. Najrul Islam	Cost-effectiveness of MSW compost and integrated use of the compost and fertilizers on the performance of cereal crops	2016
90.	Md. Yearuddin Sarker	Prof. Dr. Md. Sultan Uddin Bhuiya	Yield and quality of tossa jute seed from off-season crop as affected by planting materials and agronomic management practices	2016
91.	Anjuman Ara Begum	Prof. Dr. Md. Sultan Uddin Bhuiya	Performance of potato maize intercropping as affected by sowing date, row arrangement and fertilizer management	2016
92.	Sarker Saifun Kakon	Prof. Dr. Md. Sultan Uddin Bhuiya	Growth, yield and seed quality of Fench bean as affected by agronomic management	2016

93.	Md. Khairul Alam Bhuiyan	Prof. Dr. Md. Sultan Uddin Bhuiya	Effect of resource conservation technologies and weed management on nitrogen use efficiency, growth and yield of rice	2016
94.	Malay Choudhury	Prof. Dr. Najrul Islam	Entitled present status of wheat seed production and storage at farmers' level in some selected areas of Bangladesh and the policy implications	2016
95.	Biswajit Karmakar	Prof. Dr. M. Abdur Rahman Sarkar	Response of rice genotypes to management practices in drought prone rainfed environment	2016
96.	Md. Kamrul Islam	Prof. Dr. Najrul Islam	Productivity of potato+maize-mungbean-t. <i>Aman</i> rice as affected by agronomic management practices	2016
97.	Md. Shohidul Islam	Prof. Dr. Muhammad Salim	Effects of zinc and boron on the productivity of mustard-mungbean-T. <i>Aman</i> rice cropping pattern	2016
98.	Nazma Akther	Prof. Dr. Md. Abdul Kader	Growth and yield response of wheat to nitrogen, plant density and sowing date	2016
99.	Md. Mehedi Masood	Prof. Dr. Md. Moshir Rahman	Effect of field environment on the yield performance and economics of dry direct seeded <i>boro</i> rice	2017
100.	Sarker Md. Abu Hena Mostofa Kamal	Prof. Dr. M. Abdur Rahman Sarkar	Effect of cultural manipulation on the productivity of potato based cropping patterns in the Tista meander floodplain soil	2017
101.	Md. Sorwar Hossain Basunia	Prof. Dr. Muhammad Salim	Effect of agrochemicals on the growth and yield of <i>boro</i> rice in <i>haor</i> ecosystem	2017
102.	Md. Harun-Ar-Rashid	Prof. Dr. Najrul Islam	Effect of conservation tillage, crop residue incorporation and weed management on the productivity of dry seeded rice-maize-mungban system	2017
103.	Md. Jahangir Alam	Prof. Dr. M. Abdur Rahman Sarkar	Evaluation of conservation agriculture for rice based cropping systems in a drought prone area of Bangladesh	2017
104.	Quamrun-Naher	Prof. Dr. S.M. Rezaul Karim	Weed suppression and yield performance of maize+legume intercropping systems	2017

105.	Sharif Ahmed	Prof. Dr. Muhammad Salim	Crop and weed management strategies for dry-seeded rice on the high Ganges river floodplain of Bangladesh	2017
106.	Surajit Saha Roy	Prof. Dr. Muhammad Salim	Performance of <i>boro</i> rice as influenced by selected management practices with simulation of climate change impacts	2017
107.	Md. Saiful Islam	Prof. Dr. Muhammad Salim	Assessment of potassium supplying capacity of major soils of Bangladesh used for rice and maize production	2018
108.	Md. Abu Taher Sohel	Prof. Dr. Md. Abdul Kader	Yield of tropical sugar beet as influenced by variety, spacing, fertilization, date of sowing and intercropping with sugarcane	2018
109.	Md. Sohrab Hossain	Prof. Dr. Najrul Islam	Yield and quality of date palm juice as influenced by manuring and irrigation	2018
110.	Uttam Kumer Sarker	Prof. Dr. M. Romij Uddin	Enhancing <i>boro</i> rice yield by improving water and nitrogen use efficiency	2018
111.	Taslima Zahan	Prof. Dr. Md. Moshiur Rahman	Effect of herbicides on weed and crop in rice-wheat-mungbean cropping pattern under conservation agriculture systems	2018
112.	Abul Fazal Mohammed Shamim	Prof. Dr. Md. Abdul Kader	Physiological and biochemical mechanisms of drought tolerance in wheat	2018
113.	Md. Rafiqul Islam	Prof. Dr. Md. Abdus Salam	Growth, yield and quality of aromatic rice as influenced by nutrient management and transplanting date	2019
114.	Mohammad Monjur Hossain	Prof. Dr. Najrul Islam	Regulation of sodium homeostasis in rice for enhancing salinity tolerance	2019
115.	Faruque Ahmed	Prof. Dr. M. Abdur Rahman Sarkar	Effect of age of seedling at staggered transplanting, spacing and integrated fertilizer management on the performance of <i>boro</i> rice	2019
116.	Mohammad Mobarak Hossain	Prof. Dr. Mahfuza Begum	Crop productivity and weed dynamics in two cropping patterns as influenced by weed management under conservation agriculture	2020

117.	Shefali Rani Mozumder	Prof. Dr. M. Abdur Rahman Sarkar	Effect of planting date, integrated plant nutrient management and plant protection method on the yield of cotton and soil fertility status	2020
118.	Md. Joyen Uddin	Prof. Dr. Md. Moshir Rahman	Development of transplant <i>aman</i> rice – mustard – dry direct seeded <i>boro</i> rice cropping pattern	2020
119.	A K M Mahbub Ur Rahman	Prof. Dr. Ahmed Khairul Hasan	Biofortification of lentil with selenium, zinc and iron	2021

**Department of Soil Science**  
(Ph D degree awarded: 48 )

Sl No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Md.. Sadrul Amin	Prof. Dr, Z. H. Bhuiya	Transformation and nitrification of urea in Bangladesh soils	1982
2.	Md.. Joinul Abedin Mian	Prof. Dr, Z. H. Bhuiya	Air, water and nutrient interactions in paddy soils	1990
3.	Md.. Atiqur Rahmad	Prof. Dr. M. Shamsul Hoque	Integrated use of fertilizer and manure for crop production in wheat-rice and rice-rice cropping patterns	2002
4.	Shafiuddin Kaisar Zaman	Prof. Dr. M. Jahiruddin	Integration of fertilizer and manure for sustainable soil fertility and productivity in rice-rice cropping system	2003
5.	Mohiuddin Ahmed	Prof. Dr. M. Jahiruddin	Screening of boron efficient wheat genotypes and assessing boron requirement for wheat-fallow-t. Aman rice cropping pattern	2005
6.	Md.. Asadul Haque Bhuiya	Prof. Dr. Musharraf Hossain Mian	Evaluation of introducing mungbean into cereal based cropping pattern for sustainable soil fertility and productivity	2005
7.	Md.. Badirul Islam	Prof. Dr. M. Jahiruddin	Requirement of boron for mustard, wheat and chickpea based rice cropping patterns	2006
8.	Md.. Jalal Uddin Sarker	Dr. Md. Shahidul Hoque BARC	Effects of brown manure from food legumes on transplant aman rice and cropping patterns	2006
9.	Sohala Akhter	Dr. Z. Karim BARC	System simulation for wheat with special reference to soil and plant nitrogen dynamics and balance	2006
10.	Shahana Akter	Dr. Z. Karim BARC	The effect of arsenic contaminated water and soil on rice	2006

11.	Md.. Asaduzzaman Khan	Prof. Dr. M. Rafiqul Islam-1	Movement of arsenic in irrigated rice soil	2007
12.	Md.. Baktear Hossain	Prof. Dr. M. Jahiruddin	Behaviour of arsenic in the soil-plant system	2007
13.	Md.. Habibur Rahman	Prof. Dr. M. Rafiqul Islam-1	Improvement of crop productivity and sustenance of soil fertility by inclusion of legume in the maize-fallow-t. Aman rice cropping pattern	2008
14.	Md.. Ashraf Hossain	Prof. Dr. M. Jahiruddin	Requirement of boron for mustard-mungbean-rice pattern and zinc for maize-mungbean-rice pattern in calcareous soil	2008
15.	Md.. Zahurul Islam	Prof. Dr. Musharraf Hossain Mian	Screening and selection of effective <i>azotobacter</i> strains and their use as biofertilizer for cultivation of wheat	2008
16.	Md.. Sharif Uddin	Prof. Dr. Md.. Joinul Abedin Mian	Dynamics of potassium in paddy soils	2009
17.	Md.. Shahiduzzaman	Prof. Dr. M. Abul Hashem	Integrated nutrient management for yield maximization of garlic	2010
18.	Md.. Abdul Bari	Prof. Dr. M. Abul Hashem	Impact of deforestation on land and soil of Chakaria sundarbans mangrove area	2010
19.	Md.. Bodruzzan	Prof. Dr. M. Jahiruddin	Lime requirement of acid soils for sustainable crop production	2010
20.	Md.. Azizul Haque	Dr. M. A. Sattar, BINA	Characterization and selection of phosphate solubilizing bacteria and their use as biofertilizer for the growth and yield of rice and wheat	2012
21.	Md.. Abdus Salam	Prof. Dr. M. Jahiruddin	Phosphorus management for the wheat-rice and chickpea-rice cropping patterns in high Barind tract	2012
22.	Nirmal Chandra Shil	Prof. Dr. M. Rafiqul Islam-1	Potassium dynamics in soils of Bangladesh in relation to crop nutrition	2013

23.	Jebun Nahar Ferdoush	Prof. Dr. M. Mazibur Rahman	Effects of boron on physiological and yield parameters of wheat varieties at different sowing dates	2013
24.	Reema Ashrafi	Prof. Dr. Musharraf Hossain Mian	Recycling of spent mushroom substrate for use in mushroom culture and vegetables production	2014
25.	Rumia Khanom	Prof. Dr. M. Jahiruddin	Requirement of zinc and boron for composite and hybrid maize and their residual effects on rice	2014
26.	Saidul Islam	Prof. Dr. M. Jahiruddin	Screening and selection of wheat genotypes for boron efficiency	2014
27.	Md.. Ayub-ur-Rahman	Prof. Dr. M. Jahiruddin	Integrated use of fertilizer with manure on mustard, potato and wheat and their residual effects on succeeding crops	2014
28.	Mohammad Asadul Haque	Prof. Dr. M. Jahiruddin	Mineralization of bioslurry and its integrated use with fertilizers in the rice based cropping systems	2014
29.	Md.. Mukhlesur Rahman	Prof. Dr. M. Mazibur Rahman	Quality assessment of municipal solid waste compost and effect of the compost on rice crop and soil properties	2014
30.	Md.. Anayet Ullah	Prof. Dr. Md.. Joinul Abedin Mian	Cadmium dynamics in soil-plant systems	2014
31.	Begom Samia Sultana	Prof. Dr. Musharraf Hossain Mian	Amendment of Piedmont Soils with Lime and Manure for Improving Soil Fertility and Crop Production in Potato and Wheat Based Cropping Patterns	2015
32.	Md.. Abdul Wahab Golder	Prof. Dr. Md.. Joinul Abedin Mian	Arsenic and cadmium accumulation in the crops of carrot-red amaranth-transplant aman rice pattern	2015
33.	Md.. Abdul Quddus	Prof. Dr. Md.. Joinul Abedin Mian	Cropping pattern based nutrient balance in calcareous and terrace soils of Bangladesh	2015
34.	Sultana Bilkis	Prof. Dr. M. Rafiqul Islam-2	Mineralization of different types of manure and their field performances in the potato-mungbean-rice and rice-fallow-rice cropping patterns	2016

35.	A. T. M. Sakhawat Hossain	Prof. Dr. Md.. Joinul Abedin Mian	Mineralization of different types of manure and their field performances in the potato-mungbean-rice and rice-fallow-rice cropping patterns	2016
36.	Mohammad Idris Ali Howlader	Prof. Dr. M. Mazibur Rahman	Integrated plant nutrition system for mungbean – t. Aus - t. Aman cropping pattern in the Ganges tidal floodplain	2016
37.	Shyamal Brahma	Prof. Dr. M. Abul Hashem	Integrated nutrient management for sustainable yield and storability of onion	2016
38.	Bijoy Krishna Biswas	Prof. Dr. M. Abul Hashem	Integrated nutrient management for sustainable soil fertility and crop production in the rice-rice and potato-rice cropping systems	2016
39.	Saiyera Chowdhury	Prof. Dr. M. Mazibur Rahman	Effect of compost and biofertilizer on crop yield and soil fertility in the mungbean and boro rice based cropping systems	2016
40.	Md.. Forhadul Islam	Prof. Dr. M. Rafiqul Islam-1	Requirement of micronutrients for rice based cropping patterns in Tista meander floodplain soils	2017
41.	Md.. Mosharaf Hossain Sarker	Prof. Dr. Abu Zofar Md.. Moslehuddin	Application of micronutrients for vegetable and cereal crops in old Meghna estuarine floodplain soil	2017
42.	Md.. Aminul Haque	Prof. Dr. M. Mazibur Rahman	Nutrient requirement for sugarcane and intercrops in the Tista meander floodplain and high Ganges river floodplain soils	2017
43.	Nazmus Salahin	Prof. Dr. M. Jahiruddin	Influence of minimum tillage and crop residue retention on soil organic matter, nutrient content and crop productivity in the rice-jute system	2017
44.	Ranjit Chandra Kabiraj	Prof. Dr. M. Abul Hashem	Integrated nutrient management for improvement of soil fertility and yield maximization of sugarcane	2018
45.	Mohammed Shawkhatuzzaman	Prof. Dr. M. Abdul Kader	Changes in land use and soil properties in the Barind tract, Brahmaputra floodplain and Ganges river floodplain	2018
46.	Azmul Huda	Prof. Dr. M. Rafiqul Islam-1	Nitrogen and water management practices for sustainable rice production and reduction of nitric and nitrous oxide emission	2019

47.	Mahbubur Rahman Khan	Prof. Dr. M. Jahiruddin	Biofortification of zinc and iron in wheat by fertilizer application and variety selection	2020
48.	Mohammad Zahangeer Alam	Prof. Dr. Md.. Anamul Hoque	Arsenic uptake and mitigation in lentil, mungbean and pea	2020

**Department of Entomology**  
**(Ph D degree awarded:32 )**

Sl No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Md.. Shahjahan	Prof. Dr. Mosharraf Hossain	Studies on the resistance of yellow stemborer, <i>Scirophaga incertulas</i> (walker) in relation to physical and chemical, factors of rice plants	1995
2.	Morgia Begum	Prof. Dr, Mosharraf Hossain	Differential response of ten mustard varieties to aphid, <i>Lipaphis erysimi</i> (KALT) under natural and net house conditions	2000
3.	Md.. Ismail Miah Bhuiyah	Dr. Rezaul Karim Talukder	Damage of some stored pulses by the pulse beetle, <i>Callosobruchus chinensis</i> (LINN) and its control with botanicals	2002
4.	Md.. Saifur Rahman	Prof. Dr. Khandakar Shariful Islam	Bioecology and integrated management approaches of guava whitefly, <i>Aleurodicus dispersus russell</i> (Homoptera: aleyrodidae)	2006
5.	Md.. Altaf Hossain	Prof. Dr. Md.. Azizul Haque	Bioecology and management of pod borer, <i>Helicoverpa armigera</i> (Hubner) in chickpea	2007
6.	Md.. Zulfikar Haider Prodhan	Prof. Dr. Md.. Azizul Haque	Bioecology and management of stemfly, <i>Ophiomyia phaseoli</i> (tryon) (Diptera: Agromyzidae) on blackgram	2007
7.	Md.. Abu Taleb	Prof. Dr. Md.. Moshin Ali Serder	Population dynamics and control options for red mite, <i>Tetranychus bioculatus</i> (Wood-mason) in ornamental ecosystem	2008
8.	Md.. Tazmul Haque	Prof. Dr. Khandakar Shariful Islam	Integrated management of brown planthopper, <i>Nilaparvata lugens</i> (stål.) Of rice	2008
9.	F. M. Abdur Rouf	Prof. Dr. Md.. Moshin Ali Sarder	Determination of pest complex of country bean and development of management strategy for legume pod borer, <i>maruca vitrata</i> f.	2009
10.	Md.. Alim Uddin	Prof. Dr. Md.. Moshin Ali Sarder	Bio-ecological investigations and management strategies of mango leaf cutting weevil, <i>Deporaus marginatus</i> Pascoe in mango orchard	2010

11.	Debasish Sarker	Prof. Dr. Khandakar Shariful Islam	Study on the rhizome damage of ginger by pests and their management in the field	2010
12.	Md.. Sultan Ahmed	Prof. Dr. Md.. Moshin Ali Serder	Qualitative and quantitative analysis of selected insecticides and detection of their residues from vegetables	2011
13.	Md.. Alamgir Hossain	Prof. Dr. Md.. Azizul Haque	Integrated management of pulse beetle, <i>Ccallosobruchus chinensis</i> (L.) in stored chickpea	2012
14.	Md.. Abdul Mannan	Prof. Dr. Khandakar Shariful Islam	Bionomics of brinjal shoot and fruit borer, <i>leucinodes orbonalis</i> Guenee and its insecticide based management	2012
15.	Md.. Habibur Rahman	Prof. Dr. Kazi Shahanara Ahmed	Characterization of brinjal varieties for resistance to brinjal shoot and fruit borer, <i>Leucinodes orbonalis</i> Guenee	2013
16.	Md.. Nazmul Bari	Prof. Dr. Mahbuba Jahan	Potentiality of an egg parasitoid, <i>Trichogramma zahiri</i> Polaszek as a biocontrol agent of rice hispa, <i>Dicladispa armigera</i> (Olivier)	2013
17.	Md.. Lutfar Rahman Mollah	Prof. Dr. Md.. Azizul Haque	Potentiality of predatory spiders in management of brown planthopper, <i>Nilaparvata lugens</i> stål	2013
18.	A.K.M. Ziaur Rahman	Prof. Dr. Md.. Azizul Haque	Host preference, variability and management of <i>Helicoverpa armigera</i> (Hubner) in vegetables	2014
19.	Tahmina Akter	Prof. Dr. Mahbuba Jahan	Bio-ecology and management of angoumois grain moth, <i>Sitotroga cerealella</i> (Olivier) in Bangladesh	2014
20.	Md.. Mokhlesur Rahman	Prof. Dr. Khandakar Shariful Islam	Bioecology and management of <i>Eeublemma amabilis</i> Moore and <i>Pseudohypatopa pulverea</i> Meyric, predators of lac insect	2014
21.	Md.. Nazrul Islam	Prof. Dr. Khandakar Shariful Islam	Study on bionomics, extent of damage and management of jute yellow mite, <i>Polyphagotarsonemus latus</i> ( Banks)	2014
22.	Md.. Mamunur Rashid	Prof. Dr. Mahbuba Jahan	Management of brown planthopper, <i>Nilaparvata lugens</i> (Stål) through judicious use of plant nutrients and insecticides	2014

23.	Md.. Arefur Rahaman	Prof. Dr. Mahbuba Jahan	Development of management strategies of cucurbit fruit fly, <i>Bactrocera cucurbitae</i> (Coquillett) on bitter gourd	2016
24.	Md.. Kamruzzaman	Prof. Dr. Md.. Shahjahan	Efficacy of indigenous plants against rice weevil and isolation and identification of active compound(s) from the most promising plant	2016
25.	Md.. Mofazzel Hossain	Prof. Dr. Md.. Azizul Haque	Studies on biotype(s) of rice brown planthopper, <i>Nilaparvata lugens</i> (Stål) in Bangladesh	2017
26.	Muhammad Matiar Rahaman	Prof. Dr. Khandakar Shariful Islam	Efficacy of some new generation insecticides against yellow stem borer and their compatibility with natural enemies in rice ecosystem	2017
27.	Robiah Noor Ahmed	Prof. Dr. Md.. Azizul Haque	Evaluation of yard long bean genotypes for resistance to legume pod borer, <i>Maruca vitrata</i> F. and its biorational management	2018
28.	Abul Basher Mohammad Anwar Uddin	Prof. Dr. Khandakar Shariful Islam	Resurgence of brown planthopper, <i>Nilaparvata lugens</i> (Stål) and its management	2017
29.	G. M. Morshedul Bari	Prof. Dr. Masum Ahmad	Relationship between aphid infestation and water stress in mustard varieties based on varietal screening and bioactive compounds	2019
30.	Mohammad Anwarul Monim	Prof. Dr. Masum Ahmad	Pest status, population dynamics and integrated management of coconut mite <i>Aceria guerreronis</i> (KEIFER) (Acari: Eriophyidae)	2020
31.	Md.. Golam Ferdous	Prof. Dr. Mahbuba Jahan	Bio-ecology, spatial distribution and management of mango hopper	2020
32.	Tariqul Islam	Mohammad Mahir Uddin	Integrated management of okra shoot and fruit borer, <i>Earias vittella</i> (Fabricius)	2020

**Department of Horticulture**  
**(Ph D degree awarded: 72 )**

SI No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Meer Mosharraf Hossain	Prof. Dr. Md.. Abdus Siddique	Studies on production of seed potatoes in relation to variety and production practices	1994
2.	Md.. Mahabubur Rahman Khan	Prof. Dr. Md.. Azizul Haque	Development of banana based agro-economically suitable copping system	1996
3.	Durga Mani Gautam	Prof. Dr. Azad F. M. Sharfuddin	Study of the growth, production and post harvest behavior of sweet potato ( <i>Ipomea batatas</i> Lam)	1996
4.	Md. Nazim Uddin	Dr AKM Amzad Hossain	Effect of growth regulators and nitrogen on flower induction and fruit development in pineapple	1996
5.	Narendra Nath Saha	Dr AKM Amzad Hossain	Estimation of heterosis, combining ability and pattern of inheritance in papaya ( <i>Carica papaya</i> L )	1996
6.	Md. Abdul Mannan	Prof. Dr. Md. Azizul Haque	Effect of water regime and plant spacing on physio-morphological characters and yield of cabbage	1999
7.	Md.. Ittafaql Azad	Prof. Dr. Md. Ferdous Mondal	Reduction of post harvest losses and extension of shelf life of mango	2002
8.	Golam Morshed Abdul Halim	Prof. Dr. Md. Ferdous Mondal	Effects of plant nutrients and density on yield and keeping quality of onion	2003
9.	Md. Mokarram Hossain	Prof. Dr. Md. Abdus Sidduque	Yield and economic return in seed potato production in relation to fertilizer application	2003

10.	Khandakar Shafiqul Islam	Prof. Dr. M A Rahim	Control of growth cycle of onion for high yield and quality seed production	2003
11.	Md. Nurul Islam	Prof. Dr. M A Rahim	Standardization of the method(s) of vegetative propagation for quality propagule production in mango	2003
12.	HRM Masud Anwar	Prof. Dr. M A Rahim	Control of bulbing in garlic through manipulation of different production systems	2004
13.	Md. Anwarul Islam Khan	Prof. Dr. A M Farooque	Growth and development of chilli under moisture stress	2004
14.	Md. Rezaul Karim	Prof. Dr. M A Rahim	Effects of harvesting processing and storage on quality of onion seed	2005
15.	Md. Monjur Hossain	Prof. Dr. Md. Abdus Siddique	Studies on production and utilization of seedling tubers derived from true potato seed	2005
16.	Md. Abul Kalam Azad	Prof. Dr. Md. Golam Rahbbani	Studies on floral biology, anther culture, interspecific hybridization and genetic transformation of papaya	2005
17.	Md. Mahbubur Rahman	Prof. Dr. M A Rahim	Studies on integrated management practices for control of mango hopper and fruit fly	2005
18.	Pijush Kanti Banik	Prof. Dr. Md. Abdus Siddique	Production of hybrid true potato seed as influenced by npk fertilizers, crop management practices and growth regulators	2005
19.	Md. Noor Alam Chowdhury	Prof. Dr. M A Rahim	Integrated management of anthracnose and malformation for yield and quality of mango cv Amrapali	2005
20.	Md. Shafiqul Islam	Prof. Dr. A M Farooque	Integrated management of fertilizer for production quality and shelf life of betel leaf ( <i>Piper betle</i> )	2006

21.	Md. Lutful Kabir	Prof. Dr. A M Farooque	Growth and yield and quality of guava as influenced by management practices	2006
22.	ASM Mahbubur Rahman	Prof. Dr. Md. Golam Rahbbani	Studies on genetic diversity and production technology of pointed gourd	2006
23.	Md. Jahangir Hossain	Prof. Dr. Md. Abdus Siddique	Production and dormancy breaking of potato microtuber	2006
24.	Md. Azmat Ullah	Prof. Dr. Md. Azizul Haque	Plant characters, floral biology, fruiting behaviour and physico-chemical characteristics of Jackfruit ( <i>Artocarpus heterophyllus</i> Lam) germplasm	2006
25.	Samina Yasmin	Prof. Dr. Md. Abdus Siddique	Effects of pre-and post-harvest management on the quality of true potato seed	2006
26.	Ebna Habib Md. Shofiur Rahaman	Prof. Dr. Md. Golam Rabbani	Genetic diversity, combining ability and interrelationships among yield components in sweet gourd ( <i>Cuaurbita moschata</i> )	2007
27.	Md. Amjad Hossain	Prof. Dr. Md. Azizul Haque	Development of improved production technology for summer tomato	2007
28.	Sushital Sinha Choudhury	Prof. Dr. Md. Ferdous Mondal	Effect of pre-and post-harvest management practices on quality and shelf life of pineapple	2007
29.	Md. Abdur Rouf	Prof. Dr. M A Rahim	Effects of growing conditions and management practices on seed production of cauliflower	2008
30.	Md. Tauhidur Rahman	Prof. Dr. A M Farooque	Yield and quality of radish seed as influenced by different production practices	2008
31.	Md. Saifullah	Prof. Dr. Md. Golam Rahbbani	Studies on genetic diversity, heterosis and combining ability in okra	2008

32.	Md. Mohi Uddin	Prof. Dr. Md. Ferdous Mondal	Yield and quality of okra seed as influenced by crop management practices	2009
33.	Md. Hamim Reza	Prof. Dr. Md. Ferdous Mondal	Studies on seed production of bitter gourd ( <i>Momordica charantia</i> )	2009
34.	Mohammad Zulfiquir Ali Firoz	Prof. Dr. Nasiruddin	Effects of crop management practices on growth and yield of okra in hill slope	2009
35.	Proshanta Kumar Sardar	Prof. Dr. Md. Ferdous Mondal	Effects of management practices on regularity in bearing of mango cv Langra	2009
36.	Md. Khaled Kamal	Prof. Dr. A M Farooque	Study on the growth, fruiting behaviour and physico-chemical characters of some mango germplasm	2009
37.	Md. Ismail Hossain	Prof. Dr. Md. Golam Rabbani	All papers relevant to the dissertation entitled genetic diversity and molecular characterization of lemon ( <i>Citrus limon</i> )	2009
38.	Md. Abdus Salam	Prof. Dr. Md. Abdus Siddique	Yield and quality of tomato as influenced by boron and zinc under BARI farm Joydebpur conditions	2009
39.	Ferdouse Islam	Prof. Dr. M A Rahim	Effects of pre- and post-harvest factors on storability and subsequent seed production of summer onion	2009
40.	Md. Obaidur Rahman	Prof. Dr. Md. Golam Rabbani	Studies on characterization, genetic diversity and combining ability in brinjal under BAU farm condition	2010
41.	Babul Chandra Sarker	Prof. Dr. M A Rahim	Effects of growth regulator and management practices on harvesting time, yield and quality of mango	2010
42.	M A Haider	Prof. Dr. M A Rahim	Studies on the performance of multistoreyed cropping in agroforestry system under Bangladesh condition	2010

43.	Md. Shamsul Alam	Prof. Dr. M A Rahim	Variety development and standardization of production technology for garlic under dry and wetland conditions	2010
44.	Madan Gopal Saha	Prof. Dr. Md. Abdus Siddique	Studies on genetic variability of bananas grown in Bangladesh	2010
45.	Md. Abdul Goffar	Prof. Dr. Md. Abdus Siddique	Production of tomato hybrid seeds as influenced by boron and crop management practices under Joydebpur condition	2010
46.	Md. Shafiqul Islam	Prof. Dr. Md. Ferdous Mondal	Effects of paclobutrazol urea and potassium nitrate on the regularity in bearing yield and quality of mango	2010
47.	S M Rabiul Hasan	Prof. Dr. M A Rahim	Standardization of technology for high quality carrot seed production	2012
48.	Md. Zamir Uddin	Prof. Dr. M A Rahim	Studies on the morpho-physico-chemical characteristics and molecular detection of hybridity of eight mango hybrids	2013
49.	Md. Jillur Rahman	Prof. Dr. Md. Ferdous Mondal	Variability, floral biology and postharvest management of litchi	2014
50.	Tanveer Fatima Miano	Prof. Dr. Md. Golam Rabbani	Morpho-molecular characterization and postharvest studies on some orchids	2014
51.	Salina Pervin	Prof. Dr. M A Rahim	Studies on the physical and chemical characteristics of, and products prepared from, some mango varieties	2014
52.	Jamil Ahmed Jokhyo	Prof. Dr. M A Rahim	Effects of pre- and post-harvest treatments on quality production and shelf life of mango	2015
53.	Md. Moniruzzaman	Prof. Dr. Md. Habibur Rahman	Floral biology, crossability and molecular characterization of jujube	2015

54.	Mohammad Khurshid Alam	Prof. Dr. Md. Habibur Rahman	Organic tomato production in Bangladesh	2015
55.	Md. Obaidullah Kaisar Dept of Horticulture	Prof. Dr. Md. Ferdous Mondal	Morphological characterization and exploitation of heterosis in bitter gourd	2015
56.	Muhammad Abdul Malek	Prof Md. Shahidul Hoque Choudhury	Yield and quality of carrot seeds as influenced by management practices and vernalization	2015
57.	Md. Asaduzzaman	Prof. Dr. Md. Ferdous Mondal	Techniques for production and storage of sweet pepper seed	2016
58.	Ruma roy	Prof. Dr. Md. Habibur Rahman	Performances of bau fruit varieties in the rangpur region of Bangladesh	2016
59.	M M Anwar Hossain	Prof Md. Shahidul Hoque Choudhury	Morphology and shelf life of nine minor fruits of the Chittagong hill tracts of Bangladesh	2017
60.	Md. Masudul Haque	Prof. Dr. M A Rahim	Physico-chemical and molecular characterization of chilli ( <i>Capsicum</i> spp) genotypes	2017
61.	Muhammad Humayun Kabir	Prof. Dr. Md. Ferdous Mondal	Development of technology for storage of potato at farmholds	2017
62.	Md. Ashraful Alam	Prof. Dr. Md. Ferdous Mondal	Development of a package of technology for enhancing yield, quality and shelf life of mango cv Mallika	2017
63.	Mohammad Anowar Hossain Bhuyan	Prof Md. Shahidul Hoque Choudhury	Performances ofBAU released fruit varieties in saline prone areas of Bangladesh	2017
64.	Abu Kaiser Mohammad Ashraful Alam	Prof. Dr. Md. Habibur Rahman	Characterization of underutilized fruits of Khulna and Barishal coastal areas in Bangladesh	2017

65.	Mst Kohinur Begum	Prof. Dr. Md. Kamrul Hassan	Horticultural management practices for controlling fruit flies in mango and guava	2017
66.	Md. Shahidul Alam	Prof Md. Shahidul Hoque Choudhury	Genetic diversity and combining ability in onion	2017
67.	Mohammad Saidur Rahman	Prof. Dr. M A Rahim	Morphological and molecular characterization of mango germplasm	2017
68.	Md. Mostaque Ahmed	Prof. Dr. M A Rahim	Improvement of summer onion production through management practices	2018
69.	Suman Kumar Malaker	Prof. Dr. M A Rahim	Performance of BAU-GPC fruit varieties in Kurigram and Lalmonirhat districts of Bangladesh	2018
70.	A S M Mesbah Uddin	Prof. Dr. M A Rahim	Characterization, floral biology, propagation and post-harvest technology of burmese grape	2019
71.	Md. Iqbal Haque	Prof. Dr. M A Rahim	Morphomolecular characterization of chilli germplasm	2020
72.	Setara-E-Bilkis	Prof. Dr. M A Rahim	Characterization of indigenous banana of Bangladesh in reference to geographical indication cultivars	2020

**Department of Plant Pathology**  
(Ph D degree awarded: 51 )

Sl No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Muhamad Abu Baker	Prof. Dr. Golam Ali Fakir	Studies on culture life cycle and survival of rice stem nematode <i>Ditylenchus angustus</i> (Butler, 1913) Filipjev 1936	1997
2.	Abul Kalam Md. Kabir	Prof. Dr. Golam Ali Fakir	Studies on the transmission of fungal pathogens through sugarcane setts and fuzz	1997
3.	AQM Bazlur Rashid	Prof. Dr. Golam Ali Fakir	<i>Bipolaris sorokiniana</i> in wheat seeds of Bangladesh	1997
4.	Md. Montezar Rahman	Dr Siddique Ali Meah	Resistance of rice varieties to tungro virus complex: sources and mechanism of resistance	1997
5.	Hasan Mahmud Babar	Prof. Dr. M Bahadur Meah	Studies on collar rot of sunflower	2000
6.	Habibur Rahman	Prof. Dr. M Bahadur Meah	Studies on the integrated management of <i>Alternaria</i> blight of mustard	2000
7.	Firoz Ahmed	Prof. Dr. Ismail Hossain	Studies on pathogenicity of <i>Bipolaris sorokiniana</i> and its effect on grain filling of wheat in Bangladesh	2002
8.	Md. Abul Kalam Azad	Prof. Dr. Ismail Hossain	Eco-friendly management of blast, brown spot and narrow brown spot diseases of rice	2004
9.	FM Aminuzzaman	Prof. Dr. Ismail Hossain	Induction of resistance to wheat against leaf spot ( <i>Bipolaris sorokiniana</i> )	2005
10.	Omar Ibn-i-Hasan	Prof. Dr. M Bahadur Meah	Study on the post-harvest fruit rots of banana and their control	2005

11.	Md. Iqbal	Prof. Dr. M U Ahmad	Effect of edaphic factors on incidence of root-knot nematode of sugarcane	2005
12.	K M Khalequzzaman	Prof. Dr. Ismail Hossain	Biological control of foot and root rot of french bean by using antagonist ( <i>Rhizobia</i> )	2005
13.	Md. Rafiqul Islam	Prof. Dr. M Bahadur Meah	An integrated approach for management of Phomopsis blight and fruit rot of eggplant	2006
14.	Md. Harunor Rashid	Prof. Dr. Ismail Hossain	An integrated into tomato yellow leaf curl virus disease of tomato in Bangladesh	2006
15.	Md. Abul Kashem	Prof. Dr. Ismail Hossain	<i>Trichoderma</i> in controlling foot and root rot and collar rot of lentil	2006
16.	Md. Mahabubul Islam	Prof. Dr. Golam Ali Fakir	Effect of sowing methods, seed treatment and foliar spray on the production of quality jute seeds	2006
17.	Md. Mostafa Kamal	Dr S M Tahar Miah BARI	Characterization of seed borne <i>Bipolaris oryzae</i> and quantification of its <i>transmission</i>	2006
18.	Mohammad Monirul Islam	Prof. Dr. M Bahadur Miah	Molecular characterization of <i>Phomopsis vexans</i> and <i>Solanum melongena</i> and transfer of a <i>Phomopsis</i> resistance trait to cultivar Dohazari	2007
19.	Hosne-Ara Begum	Prof. Dr. M Bahadur Meah	Studies on the integrated management for tomato wilt complex	2008
20.	Salina Parvin Banu	Prof. Dr. M Bahadur Meah	Pathogenicity and inheritanc of brown spot ( <i>Bipolaris oryzae</i> ) resistance in rice (oryza sativa l)	2008
21.	Nazmun Naher	Prof. Dr. Md. Ayub Ali	Integrated management of post harvest diseases of mango	2008
22.	A H M Mahfuzul Haque	Prof. Dr. Md. Ayub Ali	Quality improvement of farmers' rice seeds and its relation to disease development	2008

23.	Md. Enamul Haque Sarker	Prof. Dr. Md. Ayub Ali	Seed-borne infection, transmission and management of <i>Sarocladium oryzae</i> causing sheath rot of rice	2009
24.	Mohammad Salahuddin Mahmood Chowdhury	Prof. Dr. Ismail Hossain	Seed and seedling diseases of some selected fruits of Bangladesh	2009
25.	Md. Haider Hossain	Prof. Dr. Ismail Hossain	Studies on leaf spot of groundnut and its biological control	2011
26.	A T M Shafiqul Islam	Prof. Dr. M Bahadur Miah	Formulation of <i>Trichoderma</i> spp as biofungicide for management of foot rot of vegetables	2011
27.	Md. Matiar Rahman	Prof. Dr. Md. Ayub Ali	Integrated management of stem canker and black scurf of potato	2011
28.	Md. Ibrahim Khalil	Prof. Dr. M Bahadur Meah	Identification of <i>Phomopsis</i> resistance gene in eggplant	2012
29.	Md. Mosharraf Hossain	Prof. Dr. Ismail Hossain	Biological control of leaf blight ( <i>Bipolaris sorokiniana</i> ) of wheat	2013
30.	Saleh Mohammad Ashraful Haque	Prof. Dr. Ismail Hossain	Status of jute seed in Bangladesh and developing sustainable storage technology with quality seed production	2014
31.	Ashis Kumar Saha	Prof. Dr. Muyeen Uddin Ahmad	Development of integrated management practices in minimizing common scab of potato	2014
32.	Latifa Yasmin	Prof. Dr. Md. Ayub Ali	Integrated management of <i>Fusarium</i> wilt of gladiolus	2015
33.	Mohammad Hossain	Prof. Dr. Mohammad Delwar Hossain	Identification of existing races of <i>Pyricularia grisea</i> in rice in Bangladesh using monogenic lines of rice	2015
34.	Md. Shahadat Hossain	Prof. Dr. Md. Ayub Ali	Epidemiology and management of bakanae disease of rice	2015

35.	Md. Shihabul Islam	Prof. Dr. M Bahadur Meah	Simulation of a model for diagnosis and prescription for some vegetable diseases	2015
36.	Md. Masud Karim	Prof. Dr. Mohammad Delwar Hossain	Pyramiding of clubroot and <i>Fusarium</i> disease resistance and high quality rapeseed through resynthesis and marker assisted selection	2016
37.	Md. Abdul Helim Khan	Prof. Dr. Muyeen Uddin Ahmad	Nursery diseases of some fruit species in Bangladesh and their eco-friendly management	2016
38.	Md. Sadiqur Rahman	Prof. Dr. Muyeen Uddin Ahmad	Eco-friendly management of root-knot ( <i>meloidogyne incognita</i> ) of bottle gourd	2016
39.	Hyat Mahmud	Prof. Dr. Ismail Hossain	Eco-friendly management of diseases of rice in relation to quality seed production	2016
40.	Shahnaz Parveen	Prof. Dr. Md. Ayub Ali	Management of sheath blight disease of rice	2017
41.	Md. Moniruzzaman Hasan	Prof. Dr. M Bahadur Meah	Detection and identification of begomoviruses affecting jute and tomato in Bangladesh	2017
42.	Purnima Dey	Prof. Dr. Ismail Hossain	Incidence and seed borne nature of <i>Ralstonia solanacearum</i> in tomato and brinjal seeds with molecular characterization and its management	2017
43.	Umme Shirajum Monira	Prof. Dr. Md. Ayub Ali	Longevity of <i>Bipolaris oryzae</i> on hybrid rice seeds and its management	2018
44.	Md. Monirul Islam	Prof Dr Mohammad Delwar Hossain	determination of antifungal, morphological, physiological, biochemical and molecular features of some <i>trichoderma</i> species	2018
45.	Md. Muzahid-E-Rahman	Prof. Dr. Mohammad Delwar Hossain	Characterization of <i>Sclerotinia sclerotiorum</i> causing diseases of crops in Bangladesh and its management with antipathogenic <i>Bacillus amyloliquefaciens</i>	2018

46.	Md. Mosharraf Hossain	Prof. Dr. Md. Rashidul Islam	Bacterial wilt of eggplant, tomato and chili; pathogen diversity and management through biofumigation	2018
47.	Afia Sultana	Prof. Dr. AQM Bazlur Rashid	Morpho-molecular diversity and pathogenicity of seed borne <i>Bipolaris sorokiniana</i> in wheat in Bangladesh	2018
48.	Afia Akhter	Prof. Dr. Mohammad Delwar Hossain	Morpho-molecular characterization of <i>Pythium aphanidermatum</i> causing foot and root rot of strawberry and its integrated management	2018
49.	Md. Amanut Ullah Razu	Prof. Dr. Ismail Hossain	Integrated management of flower and fruit dropping of mango due to diseases	2019
50.	Mohammad Mahbubul Haque	Prof. Dr. Md. Rashidul Islam	Status and analysis of genetic variation of <i>Xanthomonas oryzae</i> pv <i>Oryzae</i> pathotypes in Bangladesh	2019
51.	Md. Aminul Islam Khan	Prof. Dr. Ismail Hossain	Reducing black pointed wheat seeds through management of leaf blight	2020

**Department of Crop Botany**  
**(Ph D degree awarded:22 )**

Sl No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Md.. Tazul Islam	Prof. Dr. AAA Muhshi	Study of yield and some physio-morphological characters of wheat grown under varying soil moisture regimes	1990
2.	Md.. Lutfur Rahman	Prof. Dr. Md.. Abdur Haque	Studies on some growth parameters and anatomical features of common cultivars of jute grown under different water regimes	1992
3.	Mohd. Monjurul Alam Mondal	Prof. Dr. Md.. Solaiman Ali Fakir	A study of source-sink relationship in mungbean	2007
4.	Jagot Chand Malaker	Prof. Dr. Mustafizur Rahman	All papers relevant to the dissertation entitled floristic composition and species diversity of Madhupur and Lawachara forests of Bangladesh	2010
5.	Kamal Uddin Ahamed	Prof. Dr. Md.. Abdul Halim Khan	Efficacy of indigenous mulches on maize-pulse association	2010
6.	Mohammad Humayun Kabir Howlader	Prof. Dr. Md.. Solaiman Ali Fakir	Morphological characters, biomass and dye yield of <i>Indigofera</i> spp as affected by cultural practices	2013
7.	Md.. Golam Mostafa	Prof. Dr. Md.. Solaiman Ali Fakir	Performance of cassava ( <i>Manihot esculenta</i> crantz) germplasm based on morphology, nutritional composition and yield	2014
8.	Sheikh Shorif Uddin Ahmed	Prof. Dr. Mohammad Abdul Karim	Plant regeneration through somatic embryogenesis in achieving improved teasle gourd fruits	2014
9.	Md.. Moinul Haque	Prof. Dr. Md.. Habibur Rahman Pramanik	Performance of hybrid and inbred rice grown in different planting dates and seasons	2014
10.	Abu Reza Md.. Mahfuzur Rahman	Prof. Dr. M Obaidul Islam	Development of sustainable <i>in vitro</i> propagation techniques for commercial production of orchids	2015

11.	Mst Kohinoor Begum	Prof. Dr. M Obaidul Islam	Production and selection of somaclones <i>in vitro</i> for drought and salinity tolerant cultivar of sugarcane	2015
12.	Md.. Shariful Islam	Prof. Dr. M Obaidul Islam	Effects of light interception on successive intercropping in sugarcane	2015
13.	Md.. Siddiqure Rahman	Prof. Dr. Md.. Solaiman Ali Fakir	Screening of rice genotypes for morphophysiological characters contributing to salinity tolerance	2015
14.	Md.. Ahasan Ullah	Prof. Dr. M Abdul Karim	Improvement of teale gourd through <i>In vitro</i> regeneration and gamma irradiation	2016
15.	Mst Salma Pervin	Prof. Dr. Md.. Habibur Rahman Pramanik	Screening of rice genotypes based on morpho-physiological characters under drought stress at reproductive phase	2017
16.	Sharifunnessa Moonmoon	Prof. Dr. Md.. Solaiman Ali Fakir	Drought studies in aromatic rice	2017
17.	Kazi Sharif Uddin Mahmud	Prof. Dr. M Obaidul Islam	Cultivation protocol of <i>Dendrobium</i> white for a commercial orchid farm	2017
18.	Md.. Jamal Hossain	Prof. Dr. Md.. Abdul Halim Khan	Adaptation of quality protein maize: a mitigation strategy in combating climatic vulnerability in coastal region	2017
19.	Mostofa Amran Hossain	Prof. Dr. Md.. Abdul Halim Khan	Performances of quality protein maize (QPM) under conservation tillage and indigenous mulches in the riverine <i>chars</i> of Brahmaputra and Jamuna basins	2017
20.	Md.. Razaul Karim	Prof. Dr. M Obaidul Islam	<i>In vitro</i> growth and development of protocorm like bodies and plantlets in <i>mokara</i> orchid	2019
21.	Md.. Ismail Hossain	Prof. Dr. Md.. Ashrafuzzaman	Screening of tea germplasm for drought tolerance	2020
22.	Sontosh Chandra Chanda	Prof. Dr. AKM Golam Sarwar	Agro-morphological characterization of dhaincha genetic resources for improvement of soil nutrient status	2020

**Department of Genetics and Plant Breeding**  
(Ph D degree awarded:48 )

Sl No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Ali Ahmad	Dr. Sharafat Hossain Khan	Genetic analysis of yield and some associated characters in crosses of six open pollinated varieties of maize ( <i>Zea mays</i> L)	1990
2.	Md.. Abdur Razzaque	Dr. S M Hasanuzzaman	Stability of grain yield and protein content and its use in varietal improvement in spring wheat	1990
3.	AKM Shamsuddin	Prof. Dr. Lutfor Rahman	Gene action and selection response for grain yield and morpho-physiological yield components in spring wheat	1991
4.	Md.. Farid Uddin Mia	Dr. Mohd Anwarul Quader Shaikh	Mutation induction for seed dormancy in peanut ( <i>Arachis hypogaeall</i> ) and stability studies on its pod yield, oil, and protein content	1993
5.	Ataur Rahman	Prof. Dr. Lutfor Rahman	Genetic studies on major characters of sesame following hybridization and mutation	1998
6.	M Moznur Rahman	Prof. Dr. M Amirul Islam	Gene effects and selection reponse of morpho physiological traits in late sown bread wheat	2002
7.	Pranb Kumar Saha	Prof. Dr. M Amirul Islam	Genetic analysis of salinity tolerance in rice	2003
8.	Md.. Zahidul Islam	Prof. Dr. AKM Shamsuddin	Inheritance of lodging resistance related to dwarfing gene effects in bread wheat	2005
9.	Md.. Nazmul Hoque	Prof. Dr. Lutfor Rahman	Genetic relationships among some cultivated and wild species of rice ( <i>Oryza sativa</i> L)	2005
10.	Sayda Rehana	Prof. Dr. Shah-E-Alam	Development of provitamin A enriched Bangladesh Indica rice by genetic engineering	2005

11.	Shamsun Nahar Begum	Prof. Dr. A K Patwary	Development of basmati-derived rice lines for grain quality and resistance to bacterial blight	2006
12.	Md.. Abdul Malek	Prof. Dr. Lutfor Rahman	Development of hexaploid brassica through interspecific crosses	2006
13.	Hamidur Rahman	Prof. Dr. AKM Shamsuddin	Production of haploids and evaluation of doubled haploid lines of spring wheat	2006
14.	Naresh ChanDr.a Deb Barma	Prof. Dr. M Amirul Islam	Genetic study of morpho-physiological traits related to heat tolerance in spring wheat	2007
15.	Md.. Rafiqul Islam	Prof. Dr. Lutful Hassan	Validation and allelic diversity analysis of molecular markers to salinity tolerance in rice chromosome 1	2007
16.	Chandan Kumar Shaha	Prof. Dr. Lutfor Rahman	Morphological, molecular characterization and <i>Agrobacterium</i> -mediated genetic transformation in jute ( <i>Corchorus</i> spp)	2008
17.	Md.. Abul Kalam Azad	Prof. Dr. Shah-E-Alam	Genetics of salt tolerance in groundnut ( <i>Arachis hypogaea</i> l)	2008
18.	Md.. Saleh Uddin	Prof. Dr. Md. Ali Newaz	Screening and genetic analysis of salinity tolerance in wheat ( <i>Triticum aestivum</i> L)	2009
19.	Khandakar Md.. Iftekharuddaula	Prof. Dr. Md. Ali Newaz	Comparison of new selection strategies of marker-assisted backcrossing for a submergence tolerant gene in rice	2010
20.	A S M Masuduzzaman	Prof. Dr. AKM Shamsuddin	Molecular diversity and expression studies of <i>sub1</i> gene haplotypes of rice, differing in tolerance to submergence	2010
21.	Md.. Manjurul Kadir	Prof. Dr. AKM Shamsuddin	Development of quality protein maize hybrids and their adaptation in Bangladesh	2010
22.	Mohammad Amiruzzaman	Prof. Dr. M Amirul Islam	Exploitation of hybrid vigour from normal and quality protein maize crosses	2010

23.	Nargis Akter	Prof. Dr. Md. Ali Newaz	Genetic analysis of fibre and seed yield in tossa jute ( <i>Corchorus oltorius</i> L)	2010
24.	Md.. Alamgir Hossain	Prof. Dr. Lutful Hassan	Nutritional quality improvement of BRRI dhan29, a popular rice variety in Bangladesh through transgenic approaches	2010
25.	Md.. Mahboob Hussain	Prof. Dr. Lutfor Rahman	Genetic variability in genotypes, parents and interspecies hybrids of <i>Hibiscus cannabinus</i> , <i>H Acetosella</i> and <i>H Radiatus</i>	2011
26.	Hosneara Hossain	Prof. Dr. Shah-E-Alam	Identification of qtls for salinity tolerance at reproductive stage in rice ( <i>Oryza sativa</i> L)	2011
27.	Mohammad Akhlasur Rahman	Prof. Dr. Shah-E-Alam	Marker-assisted backcrossing of <i>saltol</i> , discovery of additional quantitative trait loci and assessment of allelic variability in <i>saltol</i> in rice germplasm	2011
28.	Snigdha Roy	Prof. Dr. M Amirul Islam	Study of genetic diversity in lentil using morphological characters and molecular analysis	2011
29.	Partha Sarathi Biswas	Prof. Dr. M Wazuddin	Introgression of beta-carotene locus into a popular rice variety of Bangladesh through marker assisted backcrossing	2011
30.	Md.. Abdul Kader	Prof. Dr. A K Patwary	Selection of superior parental lines and developing heterotic hybrids in rice	2012
31.	Md.. Golam Mostofa	Prof. Dr. Lutfor Rahman	Genetic divergence, combining ability, heterosis and gene action for yield characters in kenaf ( <i>Hibiscus cannabinus</i> L)	2013
32.	Md.. Jamil Hasan	Prof. Dr. AKM Shamsuddin	Selection of parental lines adapted to Bangladesh for developing hybrid rice varieties	2013
33.	Md.. Ruhul Amin Sarker	Prof. Dr. Md. Ali Newaz	Identification of novel qtls associated with salinity tolerance in rice and introgression of <i>saltol</i> into a popular variety using marker assisted backcrossing	2013

34.	Rozina Afroz Chhanda	Prof. Dr. Lutful Hassan	<i>Agrobacterium</i> -mediated genetic transformation in <i>Brassica</i> species	2014
35.	Salahuddin Ahmed	Prof. Dr. AKM Shamsuddin	Study on genetic diversity in maize ( <i>Zea mays</i> L) inbred lines for the development of hybrids	2014
36.	Mir Sharf Uddin Ahmed	Prof. Dr. AKM Shamsuddin	Agromorphological, physico-chemical and molecular characterization for developing core collections from similar named rice ( <i>Oryza sativa</i> L) groups of Bangladesh	2015
37.	Md.. Mahfuzul Hoque	Prof. Dr. M Amirul Islam	Development of excess moisture tolerant maize hybrid	2016
38.	Mrs Armin Bhuiya	Prof. Dr. M Wazuddin	Identification of novelQTLs for salinity tolerance and pyramiding of salinity and submergence tolerance QTLs to develop improved rice varieties	2016
39.	Mohammad Zahir Ullah	Prof. Dr. Lutful Hassan	Selection of parental lines for yield and quality characters for developing hybrid tomato varieties	2016
40.	Gour Gobindo Das	Prof. Dr. AKM Shamsuddin	Production of synthetic <i>Brassica napus</i> L For germplasm enhancement and yield improvement	2017
41.	Mohammad Motasim Billah	Prof. Dr. A K Patwary	Evaluation and utilization of inbred lines for development of high yielding hybrid maize ( <i>Zea mays</i> L)	2017
42.	SM Rafiqul Islam	Prof. Dr. Ujjal Kuar Nath	Genetic estimates of bottle gourd ( <i>Lagenaria siceraria</i> ) genotypes for selecting promising parents to develop heterotic hybrids	2017
43.	Md.. Noor Alam	Prof. Dr. Ujjal Kuar Nath	Short duration, stem borer tolerant sugarcane genotypes development and molecular validation	2018
44.	Mst Sifate Rabbana Khanom	Prof. Dr. Lutful Hassan	Introgression and mapping of salt tolerant qtl in early rice variety Binadhan-7	2019

45.	Md.. Shahnewaz Talukder	Prof. Dr. Md. Ashrful Haque	Molecular characterization and selection of pumpkin yellow vein mosaic virus (PYVMV) free genotypes for the development of hybrid pumpkin	2019
46.	Md.. Shakhawat Hossain Sharif	Prof. Dr. Lutful Hassan	Screening and genetic analysis of salinity tolerance in rapeseed-mustard ( <i>Brassica sp</i> L)	2020
47.	Md.. Ashraful Alam	Prof. Dr. Ujjal Kuar Nath	Genetic dissection for heat stress tolerance in tropical maize ( <i>Zea mays</i> L)	2020
48.	Mukaddasul Islam Riad	Prof. Dr. Ujjal Kuar Nath	Breeding for development of short duration rapeseed genotypes in Bangladesh	2020

**Department of Agricultural Extension Education**  
**(Ph D degree awarded: 43 )**

Sl No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	SM Ziaul Karin	Prof. Dr., S G Mahboob	Job performance of the subject matter officers under the training and visit system of extension work in Bangladesh	1991
2.	Motiar Rahman	Prof. Dr. ANM Shamsuzzoha	Job performance of the block supervisors working under training and visit system in the department of agricultural extension	1992
3.	Md... Rezaul Karim	Prof. Dr. M Abdul Halim	Communication patterns in farm information development and dissemination systems related to rice technology	1995
4.	ABM Nurul Anwar	Prof. Dr. M Abul Kashem	Study for involving rural youth in extension activities in three selected villages of Mymensingh district	1996
5.	Ali Muhammad	Prof. Dr. M Abdul Halim	Scientists perception on determinants of research productivity in crop science	1996
6.	Mohammed Shafiqul Islam	Prof. Dr. M Abul Kashem	Farmers' perception of the harmful effects of using agro-chemicals in crop production with regard to environmental pollution	2000
7.	M Raisul Haider	Prof. Dr. M Abdul Halim	Factors contributing to communication fidelity in relation to modern rice production programme	2002
8.	Md... Abdul Momen Miah	Prof. Dr. M Abdul Halim	Flow of agricultural information to the farmers in two selected areas of Bangladesh	2002
9.	M Golam Mortoza	Prof. Dr. M Abul Kashem	Factors influencing effectiveness of Krishak Samabay Samity under Bangladesh rural development	2003
10.	Mohammad Abdur Rashid	Prof. Dr. Md.. Monirul Islam	Adoption and sustainability of BRRI rice technology at farm level in Bangladesh	2005

11.	Md... Akhteruzzaman Hamidi	Prof. Dr. M Abul Kashem	Adoption of integrated pest management practices in rice cultivation by the farmers	2005
12.	Muhammad Nazrul Islam	Prof. Dr. Md.. Monirul Islam	Go-NGO collaboration for sustainable livelihoods of Garo women in Bangladesh	2006
13.	Md... Golam Rabbani Akanda	Prof. Dr. Md.. Monirul Islam	Technological gap in modern rice production at farmers' level	2006
14.	M Harunor Rashid	Prof. Dr. M Abul Kashem	Participation of the Garo farmers of Madhupur gart forest in agricultural activities	2006
15.	Md... Abdul Muttaleb	Prof. Dr. M Abul Kashem	Farmers, preference matching and adoption of modern rice cultivation practices in haor area of northeast Bangladesh	2006
16.	Md... Ashraful Islam	Prof. Dr. M Abul Kashem	Yield gap in modern boro rice cultivation at farmers' level in fulbari upazila, kurigram of Bangladesh	2007
17.	Md... Shawkat Akbar Fakir	Prof. Dr. Md.. Zulfikar Rahman	Women empowerment through participation in income generating activities of Sabalamby Unnayan Samity	2009
18.	Md... Sekender Ali	Prof. Dr. ASM Ziaul Karim	Adoption of selected ecological agricultural practices by the farmers	2009
19.	Sultana Al-Amin	Prof. Dr. Md.. Abdul Momen Miah	Role performance of charland women in maintaining sustainable livelihood	2009
20.	Aminur Rahman Choudhury	Prof. Dr. Md.. Zulfikar Rahman	Farmers' perception of utilizing nutrient sources for integrated plant nutrient system towards sustainable crop production	2009
21.	Khan Md... Moniruzzaman	Prof. Dr. M Abul Kashem	Comparative analysis between FFS and non-FFS farmers on knowledge, skill and attitude towards integrated pest management in boro rice	2009
22.	Md... Mozammel Haque	Prof. Dr. M Abul Kashem	Livelihood improvement status of the farmers under special project for food security in Haluaghat upazila of Mymensingh district	2010

23.	Kazi Anowarul Hoque	Prof. Dr. Md.. Abdul Momen Miah	Participation of school Dropouts in farming and non-farming activities for their livelihood maintenance	2010
24.	Md... Rafiqul Islam	Prof. Dr. M Najrul Islam GTI	Farmers' use of integrated pest management practices at community level	2011
25.	Kamrun Naher	Prof. Dr. Md.. Monirul Islam	Empowerment of rural women through participation in income generating activities of a non-government organization in Bangladesh	2011
26.	Salma Laizoo	Prof. Dr. Md.. Zulfikar Rahman	Farmers' perception of integrated pest management towards sustainable vegetable production	2012
27.	Muhammad Mathurul Haque	Prof. Dr. Md.. Abdul Momen Miah	Achievement of livelihood aspirations of farmers oriented towards commercialization of agriculture	2014
28.	Mohit Kumar Dey	Prof. Dr. Md.. Hammadur Rahman	Participation of sharecroppers in farm decision-making on sharecropped land	2014
29.	Bhaba Sindhu Roy	Prof. Dr. M Abul Kashem	Effectiveness of social safety net programmes for the rural poor in vulnerable situation	2014
30.	Md... Lutfar Rahman	Prof. Dr. Md.. Zulfikar Rahman	Prospects of late jute seed production at farmers' level	2015
31.	Mohammad Golam Mostafa	Prof. Dr. Md.. Zulfikar Rahman	Utilization of endogenous farming resources by resource poor farmers towards integrated plant nutrient system	2015
32.	Md... Barkat Ullah	Prof. Dr. Md.. Abdul Momen Miah	Adaptation by the farmers in response to climate variability and change in southwestern coastal Bangladesh	2016
33.	Shamima Begum	Prof. Dr. Md.. Abdul Momen Miah	Adoption of modern groundnut cultivation practices by the farmers in selected areas of Bangladesh	2016
34.	A K M Abdur Rafique	Prof. Dr. Md.. Zulfikar Rahman	Coping strategy of rural people for flood	2017

35.	Md... Jainul Abedin	Prof. Dr. Md.. Zulfikar Rahman	Farmers' attitude towards integrated crop management for sustainable vegetable production	2017
36.	Mohammad Sakhawat Hosen	Prof. Dr. Md.. Hammadur Rahman	Livelihood improvement of extreme poor women through participation in income generating activities	2017
37.	Md... Jahangir Alam	Prof. Dr. Md.. Nazrul Islam GTI	Disaster coping strategy practiced by the affected people for their livelihood due to climate change	2017
38.	Rowsan Ara Begum	Prof. Dr. Md.. Abdul Momen Miah	Effect of integrated farming system in changing household food security of farmers in a haor area	2017
39.	Mohammad Anamul Haque	Prof. Dr. Mohammad Jiaul Hoque	Farmers' capacity on using climate resilient technologies for rice production in high Barind tract of Bangladesh	2019
40.	Mohammad Asraful Alam	Prof. Dr. Md.. Asaduzzaman Sarker	Adoption of selected BJRireleased varieties and their yield gap at farmers' level	2019
41.	MohamMd... Abdus Sayeed Bhuyia	Prof. Dr. Md.. Hammadur Rahman	Potentials and challenges of using information and communication technologies by the secondary school teachers n	2019
42.	Md... Zillur Rahman	Prof. Dr. M Abul Kashem	Farmers` perception of climate change influence on rice production in a coastal area of Bangladesh	2019
43.	Iffat Ara Mahzabin	Prof. Dr. Md.. Zulfikar Rahman	Farmers' perception of using herbicide in rice cultivation	2020

**Department of Agricultural Chemistry**  
(Ph D degree awarded:13 )

Sl No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Md. Shahjahan Ali	Prof. Dr. Abdul Karim	A study on cation-anion relationships in the nutrition of rice plants	1975
2.	Wadia Rahman	Prof. Dr. Md. Wahid-UZ-Zaman	Effect of heavy metal contaminated water and soil on rice	2006
3.	Md. Abdus Salam Bhuiyan	Prof. Dr. Md. Shahjahan Ali	Study on the quality control and management system of some selected pesticides in Bangladesh	2006
4.	Rowshan Ara Begum	Prof. Dr. Md. Wahid-UZ-Zaman	Assessment of water and soil pollution and its effect on rice and red amaranth	2006
5.	Md. Shahadat Hossain	Prof. Dr. Md. Wahid-UZ-Zaman	Effect of municipal waste, press and sewage sludge on yield and nutrient contents of rice	2007
6.	Md. Abdur Razzaque	Prof. Dr. Nur Mohammad Talukder	Bio-chemical aspects of salinity tolerance in rice genotypes	2007
7.	A K M Faruk-E-Azam	Prof. Dr. Md. Wahid-UZ-Zaman	Assessment of water and soil pollution in selected areas of the Sundarbans mangrove forest and sea beaches of Bangladesh	2011
8.	Md. Nizam Uddin	Prof. Dr. Md. Wahid-UZ-Zaman	Phytoremediation of arsenic, chromium, lead and cadmium contaminated soil by jute, kenaf and mesta	2015
9.	Md. Maniruzzaman	Prof. Dr. Md. Akhter Hossain Chowdhury	Nutrient requirement, leaf yield and stevioside content of stevia ( <i>Stevia rebaudiana</i> Bertoni) in some soil types of Bangladesh	2016
10.	ATM Anowerul Islam MoMd.al	Prof. Dr. Md. Akhter Hossain Chowdhury	Nutrient release from manures and their integrated effect with inorganic fertilizers on cabbage-mungbean-t Aman cropping sequence	2016

11.	Touhida Nazneen	Prof. Dr. Md. Akhter Hossain Chowdhury	Dietary intake of inorganic contaminants through common foodstuffs in two selected cities of Bangladesh	2019
12.	Md. Shamsul Arefin	Prof. Dr. Md. Mokhlesur Rahman	Influence of integrated management practices on the growth, yield and quality of sugarcane	2019
13.	Md. Taufique Arefin	Prof. Dr. Md. Mokhlesur Rahman	Water quality assessment for irrigation from selected rivers of industrial areas of Bangladesh and their effects on heavy metal accumulation in soils and crops	2020

Department of Biochemistry and Molecular Biology

(Ph D degree awarded: 02 )

Sl No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Md. Rabiul Haque	Prof. Dr. Muhammad Hussain	A study on the effect of nutritional and agro-ecological factors on the accumulation of neurotoxin B-N-Oxalyl-L-A-B-Diaminopropionic Acid (ODAP) and other amino acids in <i>Lathyrus sativus</i> (Khesari) aimed at repressing its toxin synthesis	1998
2.	Dilruba Easmin Jharna	Prof. Dr. M Afzal Hossain	Biochemical screening and molecular characterization of salt tolerant rice genotypes	2015

**Department of Agroforestry**  
**(Ph D degree awarded:03 )**

<b>Sl No.</b>	<b>Name of student</b>	<b>Name of supervisor</b>	<b>Dissertation title</b>	<b>Year of obtaining degree</b>
1.	Md. Mohshin Ali Mondol	Prof. Dr. G M Mujibar Rahman	Study on soil, plant species and encroachment status of sal forest in Bangladesh	2013
2.	Md. Zahirul Alam	Prof. Dr. GM Mujibar Rahman	Development of Agroforestry practices for char land based farming system	2017
3.	Santanu Roy	Prof. Dr. GM Mujibar Rahman	Livelihood enhancement with forest resource conservation for sustainable development: experiences from NGOs activities in Bangladesh	2020

Department of Biotechnology

(Ph D degree awarded: 19 )

Sl No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Md. Afzal Hossain	Prof. Dr. K M Nasiruddin	Virus elimination and genetic transformation for Drought resistance in potato	2009
2.	Md. Mosharraf Hossain Molla	Prof. Dr. K M Nasiruddin	Studies on regeneration and <i>Agrobacterium</i> -mediated genetic transformation of potato for salinity tolerance	2010
3.	Md. Afsar Ali	Prof. Dr. K M Nasiruddin	Production of quality seed potatoes through biotechnological and conventional approaches	2010
4.	S M Faisal	Prof. Dr. Md. Shahidul Haque	Genetic improvement of cucumber ( <i>Cucumis sativus</i> L) through biotechnological approaches	2010
5.	Dilruba Ashrafun Nahar MajuMd.er	Prof. Dr. Lutful Hassan	Genetic divergence, induced mutation and inter-relationships among the yield components of mango ( <i>Mangifera indica</i> L)	2010
6.	Ratan ChanDr.a Dey	Prof. Dr. Lutful Hassan	Cloning and transformation of Atnhx1 Gene for the development of salt tolerant transgenic rice	2010
7.	Md. Mayen Uddin	Prof. Dr. Md. Shahidul Haque	Screening for foot rot resistance and optimization of <i>Agrobacterium</i> -mediated genetic transformation protocol in chili	2012
8.	Reza Mohammad Emon	Prof. Dr. Md. Shahidul Haque	Molecular marker based characterization and genetic diversity of wheat genotypes in relation to boron efficiency	2012
9.	Md. Tariqul Islam	Prof. Dr. Md. Shahidul Haque	Morpho-molecular characterization, diversity analysis and <i>In Vitro</i> regeneration of hyacinth bean ( <i>Lablab purpureus</i> L Sweet)	2012
10.	Kuasha Mahmud	Prof. Dr. K M Nasiruddin	Evaluation of induced somaclonal variation in sugarcane through morphological and molecular markers	2015

11.	Mohammad Kamrul Hasan	Prof. Dr. K M Nasiruddin	Screening of soybean genotypes for salinity tolerance and cloning of salinity tolerant <i>NHX1</i> gene	2015
12.	Deeder Sultana	Prof. Dr. K M Nasiruddin	Analysis of minichromosome maintenance protein2 (MCM2) expression in different cell lines	2016
13.	Abul Kashem Md. Shahadat Hossain	Prof. Dr. Md. Shahidul Haque	Morpho–molecular characterization and <i>in vitro</i> regeneration of kenaf ( <i>Hibiscus cannabinus</i> L)	2016
14.	Umme Habiba	Prof. Dr. Md. Shahidul Haque	Morpho-molecular diversity and screening against anthracnose in chilli germplasm	2016
15.	Mst Fahmina Yasmine	Prof. Dr. Md. Shahidul Haque	Variability assessment and genotype-environment interaction of groundnut ( <i>Arachis hypogaea</i> L) Under saline stress	2016
16.	Md. Anisur Rahman	Prof. Dr. Lutful Hassan Dept. of GPB	<i>In vitro</i> regeneration, genetic analysis and field evaluation of tropical cultivars of sugarbeet ( <i>Beta vulgaris</i> L)	2017
17.	Md. Amraul Islam	Prof. Dr. Md. Shahidul Haque	Genetic diversity in maize ( <i>Zea mays</i> L) inbred lines using morpho-molecular approaches for the development of hybrids	2017
18.	Afruza Sultana	Dr. Mirza Mofazzal Islam BINA, Mymensingh	Introgression of salinity and submergence tolerant genes into leading rice varieties through marker assisted selection	2020
19.	Nasrin Akhther	Dr. Mirza Mofazzal Islam BINA, Mymensingh	Morphological characterization and evaluation of selected brinjal genotypes for tolerance against brinjal shoot and fruit borer	2020

**Department of Environmental Science**  
(Ph D degree awarded:14 )

Sl No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Md. Towhidul Islam	Prof. Dr. M A Sattar	Impacts of tropospheric ozone on crop losses in Bangladesh agricultural university campus, Mymensingh	2010
2.	A K M Mizanur Rahaman	Prof. Dr. M A Sattar	Water pollution and its impact on sediments and fishes of different rivers in some industrial areas of Bangladesh	2010
3.	Mohammad Lokman Ali	Prof. Dr. M A Sattar	Impact of heavy metal and water quality on breeding and culture of giant freshwater prawn ( <i>Macrobrachium rosenbergii</i> )	2011
4.	Shishir Kumar Munshi	Prof. Dr. M A Baten	Effect of municipal solid waste compost and fertilizers on the productivity of T aman-potato-boro rice cropping pattern in Tista meander flood plain soils of Bangladesh	2011
5.	Mohammed Mozammel Huq	Prof. Dr. M A Baten	The comparison of energy, water and carbon dioxide exchange between <i>boro</i> and <i>aman</i> rice growing seasons	2012
6.	Md. Rafiqul Islam	Prof. Dr. M A Baten	Changes in homestead biodiversity and their impact on environment and livelihood of rural households in Gazipur district	2012
7.	Md. Abdul Mueyed	Prof. Dr. M A Baten	Methane emission from municipal solid waste and its mitigation	2015
8.	Muhammad EMd.adul Haque	Prof. Dr. M A Sattar	Flood coping strategies towards household food security of the farmers for improving livelihoods	2015
9.	Md. Harun-or-Rashid	Prof. Dr. M A Sattar	Cropping systems for sustainable crop productivity at new hurasagar char land area in Sirajgonj district	2017

10.	Md. Halal Uddin	Prof. Dr. M A Baten	Adaptation strategies of farmers in a Drought-prone area of Rajshahi district	2017
11.	Khatib Mahbubur Rahman	Prof. Dr. M A Sattar	Effect of fertilizers and manures on sustainable production of two common medicinal plants - tulsi ( <i>Ocimum sanctum</i> ) and pudina ( <i>Mentha arvensis</i> )	2018
12.	Md. Abdul Matin	Prof. Dr. M Nazrul Islam GTI BAU	Impact of Trichoderma enhanced composting technology on soil productivity and livelihoods of rural people in BANGLADESH	2018
13.	Moumita Choudhury	Prof. Dr. M Abdul Baten	Rainwater harvesting for safe household water supply in south-west coastal areas of Bangladesh	2019
14.	Md. Mahbubul Alam	Prof. Dr. M A Satter	Pesticide consumption, effects and residue detection of diazinon, chlorpyrifos and fenitrothion in tomato	2019

**Department of Seed Science & Technology**  
(Ph D degree awarded:07 )

Sl No.	Name of student	Name of supervisor	Dissertation title	Year of obtaining degree
1.	Md. Mahmudul Hasan Chowdhury	Prof. Dr. Ismail Hossain	Evaluation of quality status and management of truthfully labeled seed (TLS) of rice in Bangladesh	2012
2.	AKM Abdul Aziz	Prof. Dr. Md. Ayub Ali	Seed health and its impact on the productivity of different classes of rice seeds grown in boro season	2013
3.	ABM Golam Monsur	Prof. Dr. Ismail Hossain	Integrated management practices for quality seed potato production of variety diamant and their effect on storage	2015
4.	Md. Rahmat Ali Mollah	Prof. Dr. Md. Ayub Ali	A study on production and storage of true seeds of onion	2015
5.	Md. Abul Fazal Mollah	Prof. Dr. Md. Moshir Rahman	Yield and quality of kenaf seed as influenced by production and storage environment	2015
6.	Mr Md. Habibur Rahman	Prof. Dr. Ismail Hossain	Quality status of okra seed in Bangladesh and its yield as influenced by fertilizers and storage conditions	2016
7.	Md. Yousuf Ali	Prof. Dr. Md. Abul Hossan	Year round vegetable and seed production of okra under environment-friendly multistrata production system	2019