

Curriculum Vitae



Personal details:

1. Name : **MD. ASHABUL HOQUE, PhD**
2. Present working and mailing address : Professor, Department of Agricultural Botany
Faculty of Agriculture, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207, Bangladesh,
Mobile: +8801552-388607
E-mail: ashadipu@yahoo.com
3. Date of birth : 01 January, 1977
4. Place of birth : Gangni, Meherpur, Bangladesh
5. Citizenship : Bangladeshi

Academic Qualifications:

- Dates : 2013
Title of qualification awarded : PhD in Genetics and Plant Breeding
Title of thesis : Improvement of yield attributes and quality traits in pumpkin (*Cucurbita moschata* Duch. Ex Poir.)
Name and type of organization : Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh
Result : Passed
- Dates : 2002-2003
Title of qualification awarded : M.S in Genetics and Plant Breeding
Title of thesis : Study of genetic variation, divergence and relationship between yield and yield contributing characters in spring wheat
Name and type of organization : Bangladesh Agricultural University, Mymensingh, Bangladesh
Result : GPA 3.38 out of 4 (First class)
- Dates : 1994-1998 (Exam. held in 2001)
Title of qualification awarded : Bachelor of Science in Agriculture
Name and type of organization : Bangladesh Agricultural University, Mymensingh, Bangladesh
Class : First class
Percentage of marks : 62.93
- Dates : 1992-1994
Title of qualification awarded : Higher Secondary School Certificate
Name of college : Kushtia Govt. Collage

Division : First division
Percentage of marks : 70.1

Dates : 1982-1992
Title of qualification awarded : Secondary School Certificate
Name of School : Gangni High School
Division : First division
Percentage of marks : 80.3

Professional experience:

a) Duration : 10 November 2003 to till now

Organization : Sher-e-Bangla Agricultural University, Dhaka, Bangladesh

Position : Professor (grade 2): 11 Nov. 2020 to till date.
Professor (grade 3): 11 Nov. 2016 to 10 Nov. 2020.
Associate Professor: 11 Nov. 2012 to 10 Nov. 2016.
Assistant Professor: 24 Sept. 2006 to 10 Nov. 2012.
Lecturer: 10 Nov. 2003 to 23 Sept. 2006.

Department : Department of Agricultural Botany

Major responsibilities:

- i. Teaching in graduate and undergraduate level
- ii Supervising M.S and PhD student
- iii. Conducting research

Award received:

1. Merit Scholarship Award in undergraduate and postgraduate study
2. Junior Scholarship Award

List of Research Publications:

1. **M.A. Hoque** and M.S. Islam. 2019. Performance of potato varieties under sodium chloride stress. *Journal of Experimental Biosciences*. 10(1): 49-56.
2. **M.A. Hoque** and M.M. Islam. 2019. Effect of mulch on growth and yield of exotic sweet potato varieties in Bangladesh. *Journal of Experimental Biosciences*. 10(2): 59-64.
3. **M.A. Hoque**, M.G. Rasul, M.A.K. Mian, T. Hossain and M.M. Rahman. 2016. Exploitation of gibberellic acid and embryo culture technique for development of interspecific hybrid in pumpkin. *Int. J. Sustain. Agril. Tech.* 12(9): 1-5.
4. **M.A. Hoque**, A.K.M. Shamsuddin and M.A. Quddus. 2004. Genetic variation and heritability for yield contributing characters in spring wheat (*Triticum aestivum* L.). *J. Subtrop. Agric Res. Dev.* 2(1): 53-56.
5. **M.A. Hoque**, A.K.M. Shamsuddin and M.A. Quddus. 2002. Character association and

- path analysis in spring wheat (*Triticum aestivum* L.). *J. Agric. Edu. Technol.* 5(1&2):45-48.
6. M.M. Islam, S. Islam, S. Parvin and **M.A. Hoque**. 2019. Mitigation of salt stress by foliar application of jasmonic acid in wheat. *American Journal of Plant Biology.* 4(1): 18-34.
 7. M. N. Islam, A. Rahman, M.R. Monir, S. Fatima, S, Biswas and **M.A. Hoque**. 2019. Effect of Salicylic Acid and CaSO₄ on morphological characters and yield of mungbean. *International Journal of Scientific & Engineering Research.* 10(8): 1416-26.
 8. M.A. Siddik, M.M. Islam, **M.A. Hoque**, S Parvin, B.K. Shaha, M.H. Rabin and P. Biswas. 2017. Morpho-physiological and yield contributing characters and yield of sesame with different doses of nitrogen. *Int. J. Sci. & Res. Pub.* 7(9): 486-495.
 9. A. Siddik, B.J. Shirazy, M.M. Islam, **A. Hoque** and M. Haque. 2016. Combined effect of nitrogen and NAA on morphological characters of sesame (*Sesamum indicum* L.). *Int. J. Biometaterials Science and Engineering.* 3(1): 7-14.
 10. A. Siddik, B.J. Shirazy, M.M. Islam, **A. Hoque** and M. Haque. 2016. Combined effect of nitrogen and NAA on the yield of sesame (*Sesamum indicum* L.). *Scientia Agriculturae.* 13(1): 1-9.
 11. M.A. Siddik, M.M. Islam, **M.A. Hoque**, S. Islam, S, Parvin and M.H. Rabin. 2015. Morpho-physiological and yield contributing characters and yield of sesame with 1-naphthalene acetic acid (NAA). *Journal of Plant Sciences.* 3(6): 329-336.
 12. B.J. Shirazy, M.M. Islam, **A. Hoque**, M.M. Mahbub and T.A. Somee. 2015. Influence of combined effect of nitrogen and micronutrients on yield and yield contributing characters of sesame (*Sesamum indicum* L.). *Botany Research International.* 8(4): 73-76.
 13. Z. Akond, S. Akhter M.S. Islam and **M.A. Hoque**. 2014. A Study of micro-plot technique for the field experiments of wheat. *Int. J. Sustain. Agril. Tech.* 10(2): 24-26.
 14. M.T. Hosain, K. Parvin, T. Sultana, **M.A. Hoque** and H. Siddiki. 2013. A comparative study on growth and of some elite hybrid rice varieties in dry season. *J. Sher-e-Bangla Agric. Univ.* 7(1): 43-48.
 15. S.R. Saha, M.M. Hossain, M.M. Rahman, C.G. Kuo, S. Abdullah and **M.A. Hoque**. 2009. Variation in *Capsicum annuum* L. in relation to heat tolerance revealed by RAPD as molecular marker. *Eco-friendly Agril. J.* 2(9): 785-789.
 16. M.S. Islam, A.H.M. Razzaque, **M.A. Hoque** and H.M. Zubair. 2008. Study on the morpho-physiological characters and flowering pattern of groundnut. *Intl. J. BioRes.* 5(2): 22-27.
 17. S.H. Habib, M.K. Hossain, **M.A. Hoque**, M.M. Khatun and M.A. Hossain. 2007. Character association and path analysis in hybrid rice. *J. Subtrop. Agric Res. Dev.* 5(3): 305-308.
 18. M.I. Hossain, M.A. Rahman, **M.A. Hoque**, M.M. Rashid and A.S.M. Kamruzzaman. 2006. Use of nutrients on raised beds for increasing rice production in rice-wheat cropping system. *J. Subtrop. Agric Res. Dev.* 4(4): 176-179.
 19. M.A. Rahman, **M.A. Hoque**, M.M. Khatun, M.A. Sarker and M.A. Karim. 2006. Temporal variation in seed quality of coriander preserved in different seed containers. *J. Subtrop. Agric Res. Dev.* 4(4): 186-191.
 20. M.I. Hossain, M.A. Rahman, M.E. Haque, M. Hassan and **M.A. Hoque**. 2006. Effect of tillage option, nitrogen levels and management on the growth and yield of wheat. *J. Subtrop. Agric Res. Dev.* 4(1): 59-62.

PhD Thesis:

M.A. Hoque. 2013. PhD Thesis. Improvement of yield attributes and quality traits in pumpkin (*Cucurbita moschata* Duch. Ex Poir.). Department of Genetics and Plant Breeding. Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh.

MS Thesis:

M.A. Hoque. 2003. Study of genetic variation, divergence and relationship between yield and yield contributing characters in spring wheat. MS Thesis. Department of Genetics and Plant Breeding. Bangladesh Agricultural University, Mymensingh, Bangladesh.

Research Interest Areas:

1. Plant Stress Physiology
2. Plant Physiology
3. Plant Breeding
4. Plant Molecular Biology

Trainings received:

1. **“Teaching Management and Learning Processes”** 31 May to 1 June, 2003, Sher-e-Bangla Agricultural University, Dhaka
2. **“Training and Extension Field Trip”** One week, Gazipur Upazila, Dhaka Organized by: Bangladesh Agricultural Institute, Dhaka

Seminar Participation:

1. Seminar on **“Development of variety of *Oleiferous Brassica* crop through Interspecific hybridization”** 31 August, 2006, Sher-e-Bangla Agricultural University, Dhaka
2. Seminar on **“Qualitative Characteristics and Structural Contents of different Components of a Scientific Paper”** 26 February. 2004, Sher-e-Bangla Agricultural University, Dhaka
3. **International** seminar on **“Harvesting the Benefit of Biotechnology”** 8-9 October 2004, Hotel Shonargon, Dhaka
4. Seminar on **“Cultivation of Rice Using Clonal Tillers”** 6 May 2004, Sher-e-Bangla Agricultural University, Dhaka

5. Seminar on “**Assessments of Students Learning: Quizzes, Tests and Exams**” 19 August 2004, Sher-e-Bangla Agricultural University, Dhaka
6. National seminar on “**Intellectual Property Right Issue in Agriculture**” 7 October, 2004, Sher-e-Bangla Agricultural University, Dhaka
7. Seminar on “**Vegetables IMP: Success stories in Bangladesh**”, 4 October 2004, Sher-e-Bangla Agricultural University, Dhaka
8. National seminar on “**Status of Traditional Rice in Bangladesh**”, 17 June 2004, Sher-e-Bangla Agricultural University, Dhaka
9. National seminar on “**The International Year of Rice 2004: Meeting the Challenge of Tomorrow**”, 21 June 2004, Bangladesh Agricultural Research Council, Dhaka
10. Seminar on “**Transgenic Crops for Human Welfare**” 25 March 2003, Sher-e-Bangla Agricultural University, Dhaka
11. Seminar on “**Recent Advanced in Biotechnology**” 10 June 2003, Sher-e-Bangla Agricultural University, Dhaka

Language Proficiency:

- a) I deliver my lectures both undergraduate and graduate in English as our medium of instructions is in English.
- b) Medium of study in undergraduate and graduate was in English.

Computer skill:

1. Smart user of “**Microsoft Office Management**”
2. Data analysis: **R- package, M- STATC**

Research activities:

1. Feasibility Survey for SDGs Business on Sweet Potato Production, Processing and Marketing for Improvement of Small Scale Farmers’ Income and Reduction of Postharvest Losses. Collaboration with Maruhisa Company Ltd. funded by Japan International Cooperation Agency (JICA) in 2018-2020.
2. Optimization of Harvesting and Post-harvest Management of Bamboo for Durability Enhancement in Bangladesh. Collaboration and funded by EDOTCO Bangladesh Ltd. on going from 2023.
3. Morpho-physiology, yield and quality of tomato with gibberellic acid and calcium at different sowing time. Funded by Ministry of Science and Technology 2015-2016.
4. Response of aromatic rice to different approaches of boron application. Funded by

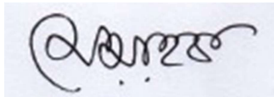
Ministry of Science and Technology 2018-2019.

5. Evaluation of Growth and Yield Performance of Sweet Potato (*Ipomoea batatas* L.) Using Different Types of Vine Cutting. Funded by Ministry of Science and Technology 2019-20.
6. Performance of Potato Varieties under Sodium Chloride Stress. Funded by Sher-e-Bangla Agricultural University Research System 2015-16.
7. Evaluation of Sweet potato Germplasms in Relation to Morpho-physiology, Yield and Quality. Funded by Sher-e-Bangla Agricultural University Research System 2017-18.
8. Morpho-physiological Characters, Yield performance and Gluten Content of Buckwheat Genotypes. Funded by Sher-e-Bangla Agricultural University Research System 2020-21.
9. Morpho-physiological Evaluation of Buckwheat (*Fagopyrum esculentum*) Genotypes under Different Sowing Dates. Funded by Sher-e-Bangla Agricultural University Research System 2021-22.
10. Growth and Yield Performance of Buckwheat (*Fagopyrum esculentum*) Genotypes under Different Plant Spacing. Funded by Sher-e-Bangla Agricultural University Research System 2022-23.

Member of Professional Societies:

1. Krishibid Institution Bangladesh (KIB)
2. Sher-e Bangla Agricultural University Alumni Association (SAUAA)

I declare that the information given above is true to the best of my knowledge and belief.



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(Dr. Md. Ashabul Hoque)