

Curriculum Vitae of Md. Elias Hossain

Name : Md. Elias Hossain
Date of Birth : 16 November 1989
Nationality : Bangladeshi
Marital Status : Married
Gender : Male



Current Position

Chinese Government Fellow (Ph.D) at the Chinese Academy of Agricultural Sciences (CAAS), Beijing, China

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Assistant Professor

Department of Agricultural Botany

Faculty of Agriculture, Sher-e-Bangla Agricultural University

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Academic Qualifications

Master of Science (MS) in Agricultural Botany, 2013 (Held in 2015), Department of Agricultural Botany, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.

Result: CGPA 4.00 on a scale of 4.00

Major Courses Studied: Crop Physiology, Economic Botany, Biodiversity and Conservation, Stress Physiology, Plant Growth Regulators, Plant Ecology, Plant Metabolism, Plant Growth and Development Physiology, Plant Water Relation and Nutrition, Plant Anatomy, Plant Morphology, and Taxonomy.

Bachelor of Science in Agriculture (Hons.), 2010 (Held in 2012), Faculty of Agriculture, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.

Result: CGPA 3.85 on a scale of 4.00

Major courses Studied: Agronomy, Agricultural Botany, Agricultural Extension, Agroforestry, Agricultural Economics, Agricultural Chemistry, Animal Husbandry, Biochemistry, Biotechnology, Entomology, Fisheries, Genetics and Plant Breeding, Horticulture, Plant Pathology, Soil Science, Farm Mechanics and English.

Higher Secondary Certificate (HSC), 2006, Board of Intermediate and Secondary Education, Rajshahi, Bangladesh.

Result: GPA 5.00 on a scale of 5.00

Major courses Studied: Bengali, English, Physics, Chemistry, Biology and Mathematics.

Secondary School Certificate (SSC), 2004, Board of Intermediate and Secondary Education, Rajshahi, Bangladesh.

Result: GPA 4.31 on a scale of 5.00

Major courses Studied: Bengali, English, Physics, Chemistry, Biology, General Mathematics, Agriculture studies, Religion and Social Science

Current Studies

Doctor of Philosophy (PhD) in Agricultural Water Resources and its Environment at Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences(CAAS), Beijing 100081, P.R. of China. (**Continued from September 2018**).

Professional Experience

- ❖ **As an Assistant Professor:** 3 years experience of teaching undergraduate students of Agriculture in the classroom and Lab.
- ❖ **As a Lecturer:** 2 years experience of teaching undergraduate students of Agriculture in Lab
- ❖ **Administrative:** 2 years of experience as an Assistant Provost of *Kabi Kazi Nazrul Islam* Hall, SAU.
- ❖ Adept at interdepartmental coordination and communication.

Courses Conducted

ABOT 103: Fundamentals of Agricultural Botany 2 Credits

ABOT 104: Plant Morphology and Anatomy- Practical 2 Credits

ABOT 258: Plant Physiology- Practical 2 Credits

ABOT 406: Plant Ecology-Practical 2 Credits

Research project conducted

1. Evaluation of productivity and anatomical variations among hybrid and inbred tomato varieties during summer season. (Funded by NST, Ministry of Education, PR of Bangladesh)
2. Effect of auxin and gibberellic acid on reproductive growth and fruit quality of tomato in summer season. (SAURES, PR of Bangladesh Sher-e-Bangla Agricultural University Sher-e-Bangla Nagar, Dhaka-1207, Bangladesh.)

Area of research interest

Plant Water Relation, Soil Fertility Management, Plant Nutrition, Plant primary metabolism, crop physiological responses to abiotic stresses.

Publications

1. **Md. Elias Hossain**, Ruhul Amin, Md. Nasir Hossain Sani, Kamal Uddin Ahamed , Md. Tofail Hosain and Rezowana Nizam. (2018). Impact of exogenous application of plant growth regulators on growth and yield contributing attributes of summer tomato. *International Journal of Plant & Soil Science*, 24(5): 1-14
2. **Elias Hossain**, Kamal Uddin Ahamed, A.M.M. Shamsuzzaman, Moinul Haque and Kamrun Nahar (2017). Yield and Morphophysiological Performance of Different Tomato Varieties in Winter Season. *Middle-East Journal of Scientific Research* 25 (6): 1216-1224
3. Rezowana Nizam, Md. Tofail Hosain, Md. Elias Hossain, Md. Meftaul Islam and Md. Ariful Haque. (2019). Salt stress mitigation by calcium nitrate in tomato plant. *Asian J. Med. Biol. Res.* 5(1):87-93.
4. Tofail Hosain, **Elias Hossain**, Rezowana Nizam , Fazle Bari ASM , and Rajesh Chakraborty (2018). Response of Physiological Characteristics and Productivity of Hybrid Rice Varieties under System of Rice Intensification (SRI) over the Traditional Cultivation. *Int J Plant Biol Res* 6(2): 1085
5. Towfia Junnat, Md. Moinul Haque, **Md. Elias Hossain**, Md. Tofail Hosain, Rezowana Nizam and Md. Meftaul Islam (2017). Evaluation of Growth Performance of Some Rice Varieties in Relation to Their Economic Yield. *Asian Research Journal of Agriculture.* 7(2): 1-8.
6. Bulbul Ahmed, Md. Jahangir Alam, Md. Arafat Hossain, Mousumi Sultana, Md. Nazrul Islam, Md. Razzab Ali, Tanushree Halder, **Md. Elias Hossain** and Md. Mosiur Rahman. (2016). Study of Selected Lentil Genotypes Against Drought. *International Journal of Applied Research.* 5(3):95-99
7. Abdul Kaium, M. Islam, S. Sultana, **E. Hossain**, S. C. Shovon and A. Mahjuba. (2015). Yield and Yield Contributes of Coriander (*Coriandrum Sativum L.*) as Influenced by Spacing and Variety. *Int. J. Sci. Res. Pub.* . 5(3): 545-549
8. Tania Sultana, Rabiul Islam, Md. Shah Newaz Chowdhury, Md. Shariful Islam, **Md. Elias Hossain** and Md. Meftaul Islam (2014). Performance Evaluation of Two Rice Varieties under Different Levels of NaCl Salinity Stress. *Bangladesh Res. Pub. J.* 10(2): 186-195

9. Md. Meftaul Islam, Abdul Kaium, Syfullah Shahriar, **Md. Elias Hossain**, Rezowana Nizam. (2014). Growth and Yield Potential of Broccoli Influenced by Organic Manures. *Bangladesh Res. Pub. J.* 10(2): 145-150

Training and skills

- Training program titled Certificate on Computer Packages Course, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.
- Training on Teaching Methods and Techniques, held from October 14-16, 2013 at Sher-e-Bangla Agricultural University, Dhaka-1207.
- Possess comprehensive knowledge of Microsoft Word, Excel, Power point, Data analysis through MSTAT-C Statistical Analysis and Statistics 10, Web browsing.

Language proficiency

English: Good in reading, writing and speaking

Bengali (Native): Excellent in reading, writing and speaking

Chinese: Basic level

Societal involvement

- Member of Agriculturalist Institution of Bangladesh
- Member of Sher-e-Bangla Agricultural University Alumni Association

References:

1. Professor Dr. Kamal Uddin Ahamed

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2. Professor M. M. Shamsuzzaman

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