

## ***Curriculum Vitae* of Md. Mofizur Rahman**

Assistant Professor, Department of Horticulture  
Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.

**Name** : MD. MOFIZUR RAHMAN  
**Date of birth** : 03 December 1990  
**Nationality** : Bangladeshi  
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### **RESEARCH INTEREST**

Plant stress physiology, postharvest physiology, postharvest management of horticultural produces, plant biostimulants, organic farming, hydroponics, greenhouse cultivation, sustainable agricultural production and plant growth regulators.

### **SKILLS**

- Knowledge in computer tools i.e. R, SPSS, STATISTIX-10 and MSTAT-C.
- IELTS score: Overall 6.5 (Listening-6.5, Reading-6.0, Writing-6.0 and Speaking-6.5)

### **EDUCATIONAL QUALIFICATIONS**

- **Postgraduation, 2015:** Master of Science (MS) in Horticulture, Department of Horticulture, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.  
**Result:** Grade; A; CGPA: **3.85** in the scale of 4.00 (80% and above)  
**Thesis Title:** Influence of Organic Fertilizers and Micronutrients on Growth and Yield of Strawberry
- **Graduation, 2012:** Bachelor of Science (Hons.) in Agriculture, Faculty of Agriculture, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.  
**Result:** Grade; A-; CGPA: **3.73** in the scale of 4.00 (70% ≤ 75%)
- **HSC, 2007:** Higher Secondary Certificate Examination under Science group, University Laboratory College, Dhaka, Bangladesh  
**Result:** Grade; A; GPA: **4.50** in the scale of 5.00 (70% ≤ 79%)
- **SSC, 2005:** Secondary School Certificate Examination under Science group, Nurjahan Begum High School, Dhaka, Bangladesh  
**Result:** Grade; A; GPA: **4.63** in the scale of 5.00 (70% ≤ 79%)

### **PROFESSIONAL EXPERIENCES**

- **Assistant Professor (full-time):** 01 July 2021 to present, Department of Horticulture, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.
- **Lecturer (full-time):** 01 July 2019 to 30 June 2021, Department of Horticulture, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.

### **RESEARCH EXPERIENCES**

#### **Research Grants:**

- **Principal Investigator (2024-2025):** Sher-e-Bangla Agricultural University Research System (SAURES) Fellowship, in recognition for conducting research work “Effect of Foliar Application of Plant Growth Regulators and Micronutrients on Growth, Yield and Quality of Strawberry”. Funded by Bangladesh University Grant Commission (UGC). Grant Amount: BDT 1,00,000; Ref: SAU/SAURES/2024/2718 (49), [www.sau.edu.bd](http://www.sau.edu.bd)
- **Principal Investigator (2023-2024):** University Grants Commission of Bangladesh (UGC) Fellowship, in recognition for conducting research work “Growth, Yield and Post-harvest Quality of Strawberry as Influenced by Foliar Application of Humic Acid and Gibberellic Acid”. Funded by Bangladesh University Grant Commission (UGC).

- Grant Amount: BDT 3,00,000; Ref: UGC/Crop science-43/2023-24, [www.ugc.gov.bd](http://www.ugc.gov.bd)
- **Principal Investigator (2023-2024):** Sher-e-Bangla Agricultural University Research System (SAURES) Fellowship, in recognition for conducting research work “Effect of Foliar Application of Humic Acid and Calcium Chloride on Growth, Yield and Quality of Strawberry”. Funded by Bangladesh University Grant Commission (UGC). Grant Amount: BDT 1,25,000; Ref: SAU/SAURES/2023/3258 (58), [www.sau.edu.bd](http://www.sau.edu.bd)
  - **Principal Investigator (2023-2024):** National Science and Technology (Research and Development) Fellowship, in recognition for conducting research work “Effect of Genotypes and Foliar Application of Micronutrients on Growth, Yield and Quality of Strawberry”. Funded by the Ministry of Science and Technology, Bangladesh. Grant Amount: BDT 80,000; Ref: 39.00.0000.012.02.009.23.159-A&FS/ (SL No. 109), [www.most.gov.bd](http://www.most.gov.bd)
  - **Principal Investigator (2022-2023):** National Science and Technology (Research and Development) Fellowship, in recognition for conducting research work “Effect of Foliar Application of Humic acid and Boron on Growth, Yield and Nutritional Quality of Tomato”. Funded by the Ministry of Science and Technology, Bangladesh. Grant Amount: BDT 70,000; Ref: 39.00.0000.012.20.011.22.56-A&FS/ (SL No. 189), [www.most.gov.bd](http://www.most.gov.bd)
  - **Principal Investigator (2021-2022):** National Science and Technology (Research and Development) Fellowship, in recognition for conducting research work “Growth, Yield, Shelf-life and Biochemical Attributes of Strawberry as Influenced by Pre-harvest Application of Gibberellic Acid and Calcium Chloride”. Funded by the Ministry of Science and Technology, Bangladesh. Grant Amount: BDT 83,000; Ref: 39.00.0000.012.02.007.21.105-A&FS/ (SL No. 164), [www.most.gov.bd](http://www.most.gov.bd)
  - **Principal Investigator (2020-2021):** National Science and Technology (Research and Development) Fellowship, in recognition for conducting research work “Foliar Application of Plant Biostimulants and Micronutrients on Growth, Yield and Quality of Strawberry”. Funded by the Ministry of Science and Technology, Bangladesh. Grant Amount: BDT 89,000; Ref: 39.00.0000.012.20.009.20-A&FS/ (SL No. 34), [www.most.gov.bd](http://www.most.gov.bd)
  - **Associate Investigator (2023-2024):** National Science and Technology (Special) Fellowship, in recognition for conducting research work “Effect of Vanillic Acid in Improving Summer Tomato Production”. Grant Amount: BDT 3,00,000; Ref: 39.00.0000.009.99.023.23-363, Project ID: SRG-231289 (SL No. 289), PI: Dr. Khursheda Parvin (<https://sau.edu.bd/teacher/185>), [www.most.gov.bd](http://www.most.gov.bd)
  - **Associate Investigator (2022-2023):** National Science and Technology (Special) Fellowship, in recognition for conducting research work “Effect of Nutrient Solution on Growth, Yield and Quality of Tomato in Hydroponic Culture in Bangladesh”. Grant Amount: BDT 2,50,000; Ref: 39.00.0000.009.99.024.22-901, Project ID: SRG-221337 (SL No. 337), PI: Prof. Dr. Md. Jahedur Rahman (<https://sau.edu.bd/teacher/175>), [www.most.gov.bd](http://www.most.gov.bd)
  - **Associate Investigator (2021-2022):** National Science and Technology (Special) Fellowship, in recognition for conducting research work “Hydroponic Strawberry Culture as Influenced by Different Strength of Nutrient Solution Under Changing Climate in Bangladesh”. Grant Amount: BDT 2,00,000; Ref: 39.00.0000.009.14.019.21-745, Project ID: SRG-177 BS (SL No. 177), PI: Prof. Dr. Md. Jahedur Rahman (<https://sau.edu.bd/teacher/175>), [www.most.gov.bd](http://www.most.gov.bd)

#### **Research Activities:**

- **Research Supervisor (2023 to present):** For MS (Master of Science in Horticulture) Program at Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.
- **Research Assistant (2021-2022):** Development of Production Package for Horticultural Crops in Rooftop and Open Space in Urban Areas of Bangladesh. Funded by Bangladesh Agricultural Research Council. Ref: Project No. PIU/PBRG/NATP-2/SAU-2/2022 (153), PI: Prof. Dr. Abul Hasnat M. Solaiman (<https://sau.edu.bd/teacher/178>)
- **Research Assistant (2018-2019):** Horticultural Biotechnology and Stress Management Lab, Sher-e-Bangla Agricultural University, Dhaka. Ref: Laboratory Head: Prof. Dr. Mohammad Humayun Kabir (<https://sau.edu.bd/teacher/169>)

- **Research Assistant (2015-2017):** Horticulture Innovation Lab, Sher-e-Bangla Agricultural University, Dhaka. Ref: Director & Founder: Prof. Dr. Abul Faiz Md. Jamal Uddin (<https://sau.edu.bd/teacher/174>)

### **List of published papers**

**Journal Article:** (Author Rahman, M.M. is abbreviation of Md. Mofizur Rahman)

- **Rahman, M.M.**, Islam, F., Rahman, M.S., Sarker, M.R., Chowdhury, M.K., Hasanuzzaman, M. and Uddain, J. (2025). Impact of plantlet type and mulching materials interaction on strawberry (*Fragaria x ananassa*) cv. Festival growth, yield and quality in Bangladesh. *Journal of Applied Horticulture*, 27(3): 421-426. <https://doi.org/10.37855/jah.2025.v27i03.77>
- **Rahman, M.M.**, Rahman, M.S., Helal, M.G.J., Roni, M.Z.K. and Uddain, J. (2025). Potential impacts of gibberellic acid to promote salinity tolerance on tomato. *Journal of Applied Horticulture*, 27(1): 51-56. <https://doi.org/10.37855/jah.2025.v27i01.10>
- Sarker, M.R., Farhana, F., Das, B., **Rahman, M.M.**, Puja, C.D., Choudhury, S. (2024). Impact of salicylic acid foliar spray on tomato growth, yield and quality under drought conditions. *International Journal of Bioscience*, 25(6): 230-244. <http://dx.doi.org/10.12692/ijb/25.6.230-244>
- Islam, M.R., Siddique, S., **Rahman, M.M.**, Noor, M., Uddain, J., Sarkar, M.D. (2023). Interference with sex expression, estimation of yield and bioactive compounds in bitter melon under PGRs induced conditions. *Bulletin of the National Research Centre*, 47:59. <https://doi.org/10.1186/s42269-023-01033-w>
- Sony, S.R., Islam, F., Akter, M., Rahman, M.S. and **Rahman, M.M.** (2020). Interaction Effect of Nitrogen and Phosphorus on Curd Yield and Seed Production of Cauliflower. *Journal of Experimental Agriculture International*, 42(9): 216-225. [10.9734/JEAI/2020/v42i930603](https://doi.org/10.9734/JEAI/2020/v42i930603)
- Akter, T., Islam, M.N., Rahman, M.J., Sultana, R., Dey Puja, C., Islam, F., Sarker, M.R. and **Rahman, M.M.** (2020). Gibberellic Acid Application and Plant Spacing Effects on Growth and Yield of Lettuce (*Lactuca sativa* L.). *Asian Plant Research Journal*, 6(2): 1-13. [10.9734/APRJ/2020/v6i230122](https://doi.org/10.9734/APRJ/2020/v6i230122)
- Islam, A., Akhter, N., Rahman, M.S. and **Rahman, M.M.** (2020). Evaluation of conventional cultivars and hybrid rice varieties by their morpho-physiological performance during aman season. *Annual Research & Review in Biology*, 34(6): 1-8. [10.9734/ARRB/2019/v34i630172](https://doi.org/10.9734/ARRB/2019/v34i630172)
- Islam, S.M., Ranu, A.S.M., Bithy, P.A., Jony, M., Sumi, S.A., **Rahman, M.M.** and Mia M.I. (2020). Effects of foliar application of indol butyric acid (IBA), gibberellic acid (GA3) and zinc (Zn) on growth and yield of tomato. *International Journal of Bioscience*, 16(2): 19-30. <http://dx.doi.org/10.12692/ijb/16.2.19-30>
- Hosain, M.T., Kamrunnahar., **Rahman, M.M.**, Munshi, M.H. and Rahman, M.S. (2020). Drought Stress Response of Rice Yield (*Oryza sativa* L.) and Role of Exogenous Salicylic Acid. *International Journal of Bioscience*, 16(2): 222-230. <http://dx.doi.org/10.12692/ijb/16.2.222-230>
- Rahman, M.S., Akter, M., Chowdhury, M.S.N., **Rahman, M.M.** and Munshi, M.H. (2020). Exogenous Application of Antioxidants on Leaf Chlorophyll, Yield Dynamics and Berry Quality of Sweet Pepper (*Capsicum annum* L.). *International Journal of Sustainable Agricultural Research*, 7(4): 316-324. [10.18488/journal.70.2020.74.316.324](https://doi.org/10.18488/journal.70.2020.74.316.324)
- **Rahman, M.M.**, Islam, M.N., Roni, M.Z.K., Gani, O. and Jamal Uddin, A.F.M. (2018). Vermicompost and Mustard Oil Cake as an Alternative Fertilizer for Strawberry Production. *International Journal of Business Social and Scientific Research*. 6(3): 78-84. <http://www.ijbssr.com/currentissueview/14013284>
- **Rahman, M.M.**, Sahadat, M., Rahul, S.K., Roni, M.Z.K. and Jamal Uddin, A.F.M. (2016). Effect of Preharvest B and Zn Spray on Yield and Quality of Strawberry. *International Journal of Business, Social and Scientific Research*. 5(1): 41-46. <http://www.ijbssr.com/currentissueview/14013177>
- Mehraj, H., Ahsan, M.K., Hussain, M.S., **Rahman, M.M.** and Jamal Uddin, A.F.M. (2014). Response of Different Organic Matters in Strawberry. *Bangladesh Research Publications Journal*.10(2):151-161.

<http://www.bdresearchpublications.com/admin/journal/upload/1410019/1410019.pdf>

- Ahsan, M.K., Mehraj, H., Hussain, M.S., **Rahman, M.M.** and Jamal Uddin, A.F.M. (2014). Study on Growth and Yield of Three Promising Strawberry Cultivars in Bangladesh. International Journal of Business, Social and Scientific Research. 1(3): 205-208. <http://www.ijbssr.com/currentissueview/14013034>

#### MS thesis

- **Md. Mofizur Rahman.** 2015. Influence of Organic Fertilizers and Micronutrients on Growth and Yield of Strawberry. MS Thesis, Department of Horticulture, Sher-e-Bangla Agricultural University, Dhaka- 1207, Bangladesh. Pp 1-113. <http://archive.saulibrary.edu.bd:8080/xmlui/handle/123456789/210>

#### Training, workshops and conferences

- Training on “**Advanced Research Methodology on R, SPSS, and STATA** in Agricultural Statistics and Biometrical Analysis with a duration of 60 hours” under Social Science Research Council, Planning Division, Ministry of Planning at Fab Lab, Sher-e-Bangla Agricultural University during 20th January to 1st February 2022.
- International Conference on “**Biotechnology in Health and Agriculture (ICBHA)**” 11-13 November 2019, University of Dhaka, Bangladesh.
- Training on “**Office and Graphic Design**” Organized by Department of Social Services, The People’s Republic of Bangladesh from 01 January, 2013 to 01 June, 2013.
- Workshop on “**Scientific Paper Writing and Publication**” 23, July 2019, Sher-e-Bangla Agricultural University Research System (SAURES), Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.
- Training Program on “**Roles and Responsibilities of University Teachers**” 25, July 2019, Co-ordinated by Directorate of Outreach Program, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh

#### PROFESSIONAL MEMBERSHIPS

- Bangladesh Society for Horticultural Science (2020 to till date)
- Agriculturist Institution of Bangladesh (2014 to till date)
- Teacher’s Association of Sher-e-Bangla Agricultural University (2019 to till date)
- Sher-e-Bangla Agricultural University Alumni Association (2013 to till date)

#### REFEREES

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