

## Curriculum Vitae of Md Rezwan Sarker

Assistant Professor  
Department of Horticulture  
Faculty of Agriculture  
Sher-e-Bangla Agricultural University  
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### EDUCATION

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- 2015**     **Master of Science in Horticulture**  
Department of Horticulture, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh,  
Dissertation: Mitigation of Drought Stress in Tomato by Exogenous Application of Salicylic Acid  
CGPA: 3.98 in a scale of 4.00
- 2013**     **Bachelor of Science in Agriculture (Honours)**  
Faculty of Agriculture, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh,  
CGPA: 3.82 in a scale of 4.00
- 2008**     **Higher Secondary School Certificate**  
Science Group, Board of Intermediate and Secondary Education, Rajshahi, Bangladesh  
GPA: 4.90 in a scale of 5.00
- 2006**     **Secondary School Certificate**  
Science Group, Board of Intermediate and Secondary Education, Rajshahi, Bangladesh  
GPA: 5.00 in a scale of 5.00

### PROFESSIONAL EXPERIENCE

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- 2020 – Present**     **Assistant Professor**, Department of Horticulture, Faculty of Agriculture, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.
- 2018 – 2020**     **Lecturer**, Department of Horticulture, Faculty of Agriculture, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.

### AWARD

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- 2019**     **Dean's Award**, for outstanding academic achievement during in Level 2, 3 & 4 in persuasion of Bachelor of Science in Agriculture (Honours) Degree programme.
- 2015-2016**     **National Science and Technology (NST) Fellowship**, funded by Ministry of Science and Technology, People's Republic of Bangladesh, Dhaka, Bangladesh.

### RESEARCH EXPERIANCE

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- 2020-2021**     **Principal Investigator**: "Increase of Shelf life and Quality of Banana by Using Propolis and other Biopreservatives", funded by Ministry of science and Technology, Government of the people's Republic of Bangladesh, Dhaka, Bangladesh.
- 2019-2020**     **Principal Investigator**: "Mitigation of Water Stress in Tomato by Exogenous Salicylic Acid and Calcium Nitrate Application", funded by Ministry of science and Technology, Government of the people's Republic of Bangladesh, Dhaka, Bangladesh.
- 2016-2017**     **Research Assistant**: "Effect of Biopreservatives on Shelf life and Quality of Papaya". funded by Sher-e-Bangla Agricultural University Research System (SAURES), Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.
- 2014-2015**     **Research Assistant**: "Use of Natural Products (Aloe vera gel) on Postharvest Decay and Quality of Banana fruit". funded by Sher-e-Bangla Agricultural University Research System (SAURES), Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.

## **PUBLICATIONS**

- Parven, A., **Sarker, M. R.**, Megharaj, M., & Md. Meftaul, I. (2020). Prolonging the shelf life of Papaya (*Carica papaya* L.) using Aloe vera gel at ambient temperature. *Scientia Horticulturae*, 265(January), 109228. <https://doi.org/10.1016/j.scienta.2020.109228>
- Akter, M. S., **Sarker, M. R.**, Choudhury, S., Islam, N., & Uddain, J. (2020). Effect of postharvest treatments on shelf life and quality of litchi stored at ambient temperature. *International Journal of Postharvest Technology and Innovation*, 7(4), 319–334. <https://doi.org/10.1504/IJPTI.2020.110883>
- Sarker, R.**, Choudhury, S., Islam, N., Zeb, T., Zeb, B. S., & Mahmood, Q. (2020). *The effects of climatic change mediated water stress on growth and yield of tomato*. *Central Asian Journal of Environmental Science and Technology Innovation*, 2 (2020) 85-92. <https://doi.org/10.22034/CAJESTI.2020.02.03>
- Akter, T., Islam, M. N., Rahman, M. J., Sultana, R., Dey Puja, C., Islam, F., **Sarker, M. R.**, & 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. <https://doi.org/10.9734/aprj/2020/v6i230122>

## **TRAINING RECEIVED**

- Training workshop on ‘Experimental Design and Statistical Analysis Using R’ organized by IQAC, Sher-e-Bangla Agricultural University (SAU), Dhaka, Bangladesh, 17-18 February, 2021.
- Training workshop on ‘Scientific Paper Writing and Publication’ organized by SAURES, SAU, Dhaka, Bangladesh, 19 July, 2019.
- Training on ‘Responsibilities of Teachers, Outcome Based Education and Different Rules and Regulations’ organized by Outreach Program, SAU, Dhaka, Training on Bangladesh, 12-13 January, 2019.
- Training on ‘Laboratory Equipment Operation & *in vitro* Culture Techniques for Crop Improvement’ organized by Horticultural Biotechnology and Stress Management Lab, HEQEP, UGC, World Bank, SAU, Dhaka, Bangladesh, 12-13 June, 2016.

## **CONFERENCE/WORKSHOP PARTICIPATION**

- National Workshop on ‘Improved Management of Mango to Enhance Export Assuring Quality & Safety’ organized by Horticulture Export Development Foundation, Dhaka, Bangladesh, 23 August, 2021.
- International web conference on Asian Solanaceous and Cucurbits Roundtable (ASCRT) on Genome Editing and the Asian Regulatory Landscape’ organized by The Asia and Pacific Seed Association (APSA), 11 August, 2021.

## **SOCIETAL MEMBERSHIP**

- Member of Bangladesh Society for Horticultural Science
- Member of Agriculturist Institution Bangladesh
- Member of Sher-e-Bangla Agricultural University Alumni Association