

CURRICULUM VITAE

Farhana Afrin Vabna

Assistant Professor, Department of Biotechnology

Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207

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Date of Birth: 25.12.1993, Nationality: Bangladeshi (by birth).

Personal Statement:

My areas of research interest are Molecular biotechnology, Plant DNA fingerprinting and sequencing, Plant genetic engineering, Recent advances in agricultural biotechnology; including Genomics and Genome Editing, Plant tissue culture, Bioinformatics. I intend to make a constructive contribution to both teaching and research.

Work Experience:

- 1st July 2021 to till now: Assistant Professor, Department of Biotechnology, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207 (Website: sau.edu.bd)
- 1st July 2021 to 30th June 2021: Lecturer, Department of Biotechnology, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka-1207 (Website: sau.edu.bd)

Educational Qualification:

Master of Science in Biotechnology, 2018

Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh.

Result: CGPA 4.00 (out of 4.00)

B.Sc. Hons. in Agriculture, 2015

Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh.

Result: CGPA 3.96 (out of 4.00)

Higher Secondary School Certificate (HSC), 2010

Science Group, Patgram Women's Degree College, Board: Dinajpur.

Result: GPA-5.00 (out of 5.00)

Secondary School Certificate (SSC), 2008

Science Group, Patgram Govt. Hujur Uddin Girl's High School, Board: Rajshahi.

Result: GPA-5.00 (out of 5.00)

Awards and Fellowships:

- Deans Award for brilliant result during graduation period in all semester of level 1,2,3,4.
- Awarded National Science and Technology (NST) Fellowship from Ministry of Science and Technology, Government of the People's Republic of Bangladesh.
- Obtained scholarship Higher Secondary School Certificate (HSC), 2010 in Dinajpur Board.
- Attained scholarship in General grade in Govt. Junior Scholarship Exam, 2006.

Publications:

- **Journal Article:**

Vabna, F. A., Islam, M. Z., Prince, M. F. R. K., & Hoque, M. E. (2021). Molecular Diversity Analysis in Boro Rice (*Oryza sativa* L.) Landraces using SSR Markers. *Asian Journal of Biology*, 12(1), 36-48.

Plabon, A. R., Hoque, M. E., Vabna, F. A., & Khatun, F. (2021). In Vitro Regeneration of Onion (*Allium cepa* L.) Genotypes under Salt Stress Condition. *Asian Research Journal of Agriculture*, 14(1), 34-43.

Ahmed, S. S., Huq, H., Vabna, F. A. & Khatun F. (2024). Micropropagation of mint (*Mentha spicata*). *International Journal of Biosciences*, 25(2), 97-102.

- **Thesis:**

Completed MS research on "Molecular characterization and genetic diversity analysis of Boro rice landraces using SSR marker".

Training:

- Participated in "Training on Computer Aided Drug Design" online training (4 days) organized by Dawn of Bioinformatics Limited, Bangladesh.
- Participated in "Training on Basic Biotechnology" training program (7 days) held at National Institute of Biotechnology (NIB), Savar, Dhaka.
- Received "Training on Bioinformatics for Beginners in Biotechnology Research" from National Institute of Biotechnology (NIB), Savar, Dhaka.
- Attended "Training on Computer-Aided Drug Design" (4 days) from Dawn of Bioinformatics Ltd.
- Attended training on Mushroom Production (3 days) at Mushroom Training Centre, Savar, Dhaka.
- Attended training on "Responsibilities of Teacher, Outcome Based Education and Different Rules and Regulations" (2 days) arranged at Sher-e-Bangla Agricultural University, Dhaka.
- Attended training on "Scientific Paper writing and Publication" (1 day) arranged at Sher-e- Bangla Agricultural University, Dhaka.

Membership:

Sher-e-Bangla Agricultural University Teacher's Association

Krishibid Institution, Bangladesh

Bangladesh Association for plant Tissue Culture & Biotechnology

Language skills:

English (Advanced)

Bengali (Native)

References:

Dr. Md. Ekramul Hoque
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Sher-e-Bangla Agricultural University
Sher-e-Bangla Nagar, Dhaka-1207
Email: ekramul.sau@gmail.com

Professor Dr. Md. Belal Hossain
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Declaration:

I hereby, declared that all the statements made by me in the CV are truthful, accurate and comprehensive to the best of my knowledge.



Farhana Afrin Vabna