

CV of Fatima Farhana

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EDUCATIONAL QUALIFICATIONS

2018, Master of Science in Entomology

Department of Entomology, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh
CGPA: 3.98 in a scale of 4.0 (Merit Position: 1st) [[View transcript](#)]

2015, Bachelor of Science in Agriculture (Honours)

Agricultural Science, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh
CGPA: 3.95 in a scale of 4.0 (Merit Position: 4th out of 272 students) [[View transcript](#)]

2010, Higher Secondary School Certificate

Science Group, Board of Intermediate and Secondary Education, Dinajpur, Bangladesh
GPA: 5.00 in a scale of 5.00

2008, Secondary School Certificate

Science Group, Board of Intermediate and Secondary Education, Rajshahi, Bangladesh
GPA: 5.00 in a scale of 5.00

PROFESSIONAL EXPERIENCES

2021 – Present: *Assistant Professor*, Dept. of Entomology, Sher-e-Bangla Agricultural University, Bangladesh
2019 – 2021: *Lecturer*, Dept. of Entomology, Sher-e-Bangla Agricultural University, Bangladesh

AWARD

- **2019, Dean's Award**
For outstanding academic achievement in persuasion of Bachelor of Science in Agriculture (Honours) Degree programme.
- **2017-2018, National Science and Technology (NST) Fellowship**
Funded by Ministry of Science and Technology, People's Republic of Bangladesh, Dhaka, Bangladesh

RESEARCH EXPERIENCES

- **2023-2024, Principal Investigator:** "Effectiveness of some IPM packages consisting of chemical and non-chemical approaches for insect pest management in Ash gourd", funded by Sher-e-Bangla Agricultural University Research System (SAURES), Dhaka, Bangladesh.
- **2022-2023, Principal Investigator:** 'Comparative Efficacy of Some Selective Biopesticides Against Tobacco caterpillar (*Spodoptera litura*) in Cabbage', funded by Ministry of science and Technology, Government of the people's Republic of Bangladesh, Dhaka, Bangladesh.
- **2022-2023, Co-principal Investigator:** 'Infestation Intensity and Management of Onion Thrips', funded by Ministry of science and Technology, Government of the people's Republic of Bangladesh, Dhaka, Bangladesh.
- **2021-2022, Principal Investigator:** "Screening of Some Promising Biopesticides Against Insect Pests of Brinjal (*Solanum melongena*)" funded by University Grant Commission (UGC), Dhaka, Bangladesh.
- **2021-2022, Co-principal Investigator:** 'Comparative Effectiveness of Chemicals Insecticides and Bio-pesticides against Vegetable leaf miner Infesting Yard Long Bean and their impact on its Larval-Pupal Parasitoid', funded by Ministry of science and Technology, Government of the people's Republic of Bangladesh, Dhaka, Bangladesh.
- **2020-2021, Principal Investigator:** 'Species Diversity of Flea Beetles in Red Cabbage and its Management by Using Bio-pesticides' funded by Ministry of science and Technology, Government of the people's Republic of Bangladesh, Dhaka, Bangladesh.
- **2020-2021, Co-principal Investigator:** 'Isolation and Characterization of N₂-fixing Bacteria from

Rhizosphere Soil of Mustard and Evaluation their Potentials as Growth Promotor', funded by Ministry of science and Technology, Government of the people's Republic of Bangladesh, Dhaka, Bangladesh.

PUBLICATIONS

- Yasmin, S., Ali, M., Rahman, M. M., Alok Kumar Paul, **Farhana, F.** & Latif, M. A. 2023. Incidence of thrips population on mung bean concerning abiotic factors at various sowing dates within a season. *Munis Entomology & Zoology*, 18 (2): 1063-1073. [\[View\]](#)
- Khan, M. S. I., Hossain, M. E., and **Farhana, F.** 2023. Management of tomato fruit borer (*Helicoverpa armigera* Hubner) through bio and chemical pesticides. *Int. J. Bus. Soc. Sci. Res.* 11(1): 31–36. [\[View\]](#)
- Akter, M., Zohora, F.T., Akter, M. and **Farhana, F.**, 2023. *Eco-friendly Management of Fruit Fly (*Bactrocera cucurbitae*) Infesting Bitter Gourd*. *Asian Plant Research Journal*, 11(1), pp.20-27. [\[View\]](#)
- Akter, A., **Farhana, F.**, Easmin, F. and Latif, M.A., 2021. *Biorational Management of Leaf Feeding Insect Pests of Cabbage*. *Munis Entomology and Zoology Journal*, 18(1), 489-501. [\[View\]](#)
- Z. Abira, K. Khatun, R. Nizam, **F. Farhana** and M.R. Sarker., 2021. *Effect of Micronutrients and Mulching on Growth and Yield of Broccoli (*Brassica oleracea* var. *italica* L.)*. *Journal of Sher-e-Bangla Agricultural University*.12(1&2), 51-58. [\[View\]](#)
- Begum, A., Latif, A., Ali, M., & **Farhana, F.** 2021. *Effect of Biopesticides and Pheromone Traps on Major Insect-Pests and Their Natural Enemies of Cabbage*. *Journal of Experimental Agriculture International*. 43(4), 64–75. DOI: [\[View\]](#)
- Farhana, F.**, Latif, A., and Ali, M. 2021. *Evaluation of the Efficacy of Chemical Insecticides and Biopesticides against Flea Beetle in Cabbage (*Brassica oleracea* var. *Capitata*)*. *Asian Plant Research Journal*. 7(4),1–10. [\[View\]](#)

ENGLISH LANGUAGE PROFICIENCY

- IELTS score: 6.5 (Listening: 7.0, Reading: 6.5, Writing: 6.0, Speaking: 7.0) [\[View\]](#)

COMPUTER PROFICIENCY

- R programming, SPSS and MSTAT-C for statistical data analysis
- The National Skill Basic (360 Hrs) 06 months Course in **Computer Office Application**

TRAINING RECEIVED

- Training on 'Advanced Research Methodology on SPSS, STATA and R in Agricultural Statistics and Biometrical Analysis' organized by Fab Lab, SAU, SSRC, Ministry of Planning, Government of the people's Republic of Bangladesh, Dhaka, Bangladesh, 20 January - 01 February, 2022.
- Advanced Training on "Biotechnology" organized by National Institute of Biotechnology (NIB), Bangladesh, 23 September to 02 October, 2019.
- Training on 'Teaching Learning, Assessment and Implementation of Outcome Based curriculum' organized by Institutional Quality Assurance Cell (IQAC) at SAU, 27 July, 2019.
- Training on 'Responsibilities of Teachers, Outcome Based Education and Different Rules and Regulations' organized by Outreach Program, SAU, Dhaka, Bangladesh, 25 July, 2019.

WORKSHOP, CONFERENCE & SYMPOSIUM

- Symposium on "Nature for Sustainable Development" organized by Bangladesh Academy of Science (BAS), Dhaka, Bangladesh, 7-8 October, 2023.
- 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.
- Workshop on 'Scientific Paper Writing and Publication' organized by SAURES, SAU, Dhaka, Bangladesh, 23 July, 2019.

MEMBERSHIPS

- Member of Bangladesh Entomological Society
- Member of Agriculturist Institution Bangladesh