

Curriculum Vitae of Md. Sanowar Hossain

Md. Sanowar Hossain

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Address: Sheikh Russel Hall, Jahangirnagar University, Savar, Dhaka, Bangladesh.

EDUCATIONAL QUALIFICATIONS

M.Sc. in Entomology : (1 year)

Institution : Jahangirnagar University, Savar, Dhaka-1342, Bangladesh.

Result (in CGPA) : **Expected Degree Completion Date (30th July,2024)**

B.Sc. (Honors) in Zoology : (4 years)

Institution : Jahangirnagar University, Savar, Dhaka-1342, Bangladesh.

Result (in CGPA) : **3.59 (Out of 4.00)** (Published 23/09/2023)

H.S.C. (Higher Secondary Certificate): 2016

Institution : Lions School and College, Saidpur, Nilphamary, Bangladesh.

Result (in GPA) : **5.00 (Out of 5.00)** (Dinajpur Board)

S.S.C. (Secondary School Certificate): 2014

Institution : Al-Faruque Academy, Saidpur, Nilphamari, Bangladesh.

Result (in GPA) : **5.00 (Out of 5.00)** (Dinajpur Board)

M.Sc. THESIS TITLE

Study on Tephritids fruit fly (Tephritidae;Diptera) from the different regions of Bangladesh.

B.Sc. DISSERTATION TITLE

Color attraction and fabric preference of *Culex quinquefasciatus*(say) and *Aedes albopictus*.

RESEARCH EXPERIENCE

1. Position: Research Fellow
Time period: November 2023- present.
Workplace: Bangladesh Atomic Energy Commission.
Supervisor: Dr. Md. Hasanuzzaman
Principal Scientific Officer (PSO)
Cytology and Biocontrol Research (CBR)
Radiation Entomology and Acarology Division (READ)
Institute of Food and Radiation Biology (IFRB),
Bangladesh Atomic Energy Commission (BAEC)
2. 2 years of working experience as a research assistant in the Laboratory of Entomology, Department of Zoology, Jahangirnagar University, Dhaka, Bangladesh May,2022-May,2024.
3. Research Assistant in collecting data during the Pre-Monsoon, Monsoon, Post Monsoon *Aedes* Survey in Dhaka City, under the collaborative project of the National Malaria Program and *Aedes* Transmitted Diseases Control Program & DGHS (Director General of Health Services) Since June 2022-Present.
4. Research assistant of a collaborative research project of DGHS (Director General of Health Services) and IHR (International Health Regulation) Since June 2022-Prsent.

TEACHING AND MENTORING

- Senior Instructor of Biology at Neuron Academic Coaching Center, Uttar Auchpara, Tongi, Gazipur-1711, Since January 2020-January 20224.

RESEARCH INTERESTS

- Agriculture Entomology, Insect Ecology, Insect Behavioral Ecology, Insect Physiology, Insect Taxonomy, Biodiversity Conservation, Molecular Biology, Genetic, Epigenetics, Medical Entomology, Disease Ecology.

PUBLICATION (CONFERENCE PAPERS)

1. **Hossain, M.D.,** Hossain,T,Yesmin, Yesmin,F, Bashar,K, Hasanuzzaman,M. 2024. Host plant records for Tephritids fruit flies (Diptera:Tephritidae) in the savar regions of Bangladesh. 23rd International Biennial Conference and AGM-2023 Zoological society of Bangladesh, 24 May, 2024.

2. Jhara, M.S., Bashar, K., Jahan, I., Priyanka, M.A., Sathee, S.Y., Apon F., **Hossain, M.S.**, Mimi, A., Haque, M.M., Razzak, M.A., Rahman, K.M.Z 2023, Efficacy and Protection time of currently available insect repellents against adult *Aedes albopictus* and *Culex quinquefasciatus* mosquitoes 23rd International conference on Vector and Vector-Borne Diseases, Goa, India, 15-17th February, 2023.
3. Jahan, I., Bashar, K., Jhara, M.S., Priyanka, M.A., Sathee, S.Y., Apon F., **Hossain, M.S.**, Mimi, A., Haque, M.M., 2023, Oviposition and adaptation of *Aedes aegypti* larvae in sewage, sea, brackish and drain water in Bangladesh: A new challenge on dengue management 15th National and AGM of 2022 Zoological Society of Bangladesh, 28 January 2023.

MANUSCRIPT IN PREPARATION (From M.Sc. Thesis Paper)

1. **Hossain, M.S.**, Hossain,T, Yesmin, Yesmin,F, Bashar,K, Hasanuzzaman,M. 2024. Indigenous Host identification of Tephritis Fruit Fly (Tephritidae:Diptera) From Dinajpur and Nilphamari District of Bangladesh.

CONFERENCE POSTER PRESENTATION

- Host plant records for Tephritids fruit flies (Diptera:Tephritidae) in the savar regions of Bangladesh on 23rd International Biennial Conference and AGM-2023 Zoological society of Bangladesh, 24 May 2024.

ATTENDED CONFERENCES

- 23rd International Biennial Conference and AGM-2023 Zoological society of Bangladesh, 24 May 2024.
- 13th Biennial Conference Entomological Society of Bangladesh, 17 May, 2022.

LANGUAGE PROFICIENCY

English: Efficient in Writing and Oral Communication. During My B.Sc. (Hons) and M.Sc., I have Attended Many Presentation and Seminar Fully in English. I also a Member of English Speaking Debate Club in My College (Lions School and College, Saidpur, Nilphamary, Bangladesh).

LAB SKILLS

- PCR operate
- DNA extraction.
- Gel electrophoresis.
- Centrifuge operate.
- Stereo-zoom microscope operate.
- Insect Rearing.
- Insect Identification.
- Insect dissection.
- Chemical Analysis.
- Behavioral Assay.
- Bioinformatics.

TECHNICAL AND FIELD SKILLS

- Microsoft Excel
- SPSS
- Microsoft Office
- PowerPoint Presentation
- Microscope handling
- Project management
- Article writing.
- Kobo data collection.
- Sample Collection.
- Insect trapping (Light trap, Pitfall trap).

MEMBERSHIP OF PROFESSIONAL SOCIETIES

- Member, **Zoological Society of Bangladesh.**
- Member, **Entomological Society of Bangladesh.**

LEADERSHIP & EXTRA-CURRICULAR ACTIVITIES

- Class Representative (2018, 2019,2020,2021)
- Volunteer in Nature Conservation Initiative (NCI), an environmental conservation organization of JU.

- Blood Donor at Badhan, Jahangirnagar University zone.
- General Member at Jahangirnagar University Higher Study Club
- General Member at Jahangirnagar University Science Club.

AWARDS/FELLOWSHIP/GRANTS

- National Science & Technology (**N.S.T.**) **fellowship (2024-2025)**, from The Ministry of Science and Technology (MOST), Bangladesh.
- Participated and won the best academic poster prize award in International Conference on 23rd International Biennial Conference and AGM-2023 Zoological society of Bangladesh, 24 May 2024.
- University Entrance Scholarship.
- Tuition Fee Waiver in university.
- Regular merit based annual scholarships (**2018,2019,2020,2021**) from Jahangirnagar University, Bangladesh.
- Higher Secondary School Scholarship (2016).
- Secondary School Scholarship (2014).
- Scholarship (Junior)-2011, Al-Faruque Academy, Saidpur, Nilphamary, Bangladesh.

REFERENCES

- ❖ Kabirul Bashir Ph.D.
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❖ Mohammad Abdur Razzak PhD

Professor

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❖ Dr. Md. Hasanuzzaman.

Principal Scientific Officer (PSO)

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