



Sanjida Afrin Semme

Date of birth: 01/10/1994 | **Nationality:** Bangladeshi | **Gender:** Female | **Phone number:** (+880) 01701015424 (Mobile) | **Email address:** mesemme08@gmail.com | **Email address:** sanjidaafrinsemme@hau.ac.bd |

Address: Department of Animal Health Management, Habiganj Agricultural University (HAU), Vadoi, Habigong Sadar, Habiganj-3300, 3300, Sylhet, Bangladesh (Work)

Address: Nishikabbo, 670-Molla Road, Middle Monipur, Mirpur-2, Dhaka-1216, 1216, Dhaka, Bangladesh (Home)

WORK EXPERIENCE

20/03/2024 – CURRENT Habiganj, Bangladesh

LECTURER, DEPARTMENT OF AQUATIC ANIMAL HEALTH MANAGEMENT HABIGANJ AGRICULTURAL UNIVERSITY (HAU)

Key Responsibilities:

1. Teaching.
2. Design and deliver engaging lectures, labs, and field trips on various aspects of aquatic animal health.
3. Develop and update course syllabi and teaching materials.
4. Assess student learning through exams, assignments, and presentations.
5. Provide academic guidance and mentorship to undergraduate and graduate students.
6. Conduct independent research in areas related to aquatic animal health.
7. Supervise undergraduate and graduate student research projects.
8. Publish research findings in peer-reviewed journals and present at scientific conferences.
9. Seek external funding for research projects.
10. Engage in outreach activities to share knowledge with the broader scientific community and the public.
11. Participate in departmental and university committees.
12. Contribute to the development and review of academic programs.
13. Advise students on academic matters and career planning.
14. Maintain professional development through continuing education and professional memberships.

Business or Sector Education | **Department** Aquatic Animal Health Management | **Email** hau@gmail.com |

Website www.hau.ac.bd

Link <https://www.hau.ac.bd/>

EDUCATION AND TRAINING

31/07/2018 – 31/12/2019 Mymensingh, Bangladesh

MS IN FISHERIES MANAGEMENT Bangladesh Agricultural University

Website <https://bau.edu.bd/> | **Field of study** Master of Science - MS, Fisheries Management | **Final grade** 3.914 |

Thesis • Assessment of Heavy Metal Concentrations in water, sediment and Bivalves from the East Coast of Bay of Bengal, Bangladesh.

Link <https://fm.bau.edu.bd/>

05/05/2013 – 18/03/2018 Noakhali, Bangladesh

BACHELOR OF SCIENCE - BS, FISHERIES AND MARINE SCIENCE Noakhali Science and Technology University

Website <https://nstu.edu.bd/> | **Field of study** Bachelor of Science - BS, Fisheries and Marine Science | **Final grade** 3.85 |

Thesis Monitoring of Heavy Metal contamination in sediment, water and fish from River Halda.

Link <https://www.nstu.edu.bd/department.php?name=fims>

● LANGUAGE SKILLS

Mother tongue(s): **BENGALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● HOBBIES AND INTERESTS

Travelling, Cooking

Traveling: I like to explore new places to enrich my in depth knowlege about people,culture & their traditions and also refresh my mind by sight seeing natural beautiful places.

Cooking: I enjoy cooking.

● PUBLICATIONS

2024

[Heavy metals in afforested mangrove sediment from the world's largest delta: Distributional mapping, contamination status, risk assessment and source tracing](#)

Rahman, Md Saifur et al,Heavy metals in afforested mangrove sediment from the world's largest delta: Distributional mapping, contamination status, risk assessment and source tracing,Marine Pollution Bulletin,203,116429

Link <https://www.sciencedirect.com/science/article/pii/S0025326X24004065>

2022

[Human health risk assessment for exposure to heavy metals in finfish and shellfish from a tropical estuary](#)

Mohiuddin, Md; Hossain et al.,Human health risk assessment for exposure to heavy metals in finfish and shellfish from a tropical estuary,Journal of King Saud University-Science,34,

2022

[Contamination status and associated ecological risk assessment of heavy metals in different wetland sediments from an urbanized estuarine ecosystem](#)

Hossain, M Belal et al,2022,Contamination status and associated ecological risk assessment of heavy metals in different wetland sediments from an urbanized estuarine ecosystem,Marine Pollution Bulletin,185,114246

2021

[Contamination levels and ecological risk of heavy metals in sediments from the tidal river Halda, Bangladesh](#)

Hossain Mohammad Belal,2021,Contamination levels and ecological risk of heavy metals in sediments from the tidal river Halda, Bangladesh,Arabian journal of geosciences,14,1-12

2020

[Accumulation of trace elements in selected fish and shellfish species from the largest natural carp fish breeding basin in Asia: a probabilistic human health risk implication](#)

Abu Sayeed Shafiuddin et al,2020,Accumulation of trace elements in selected fish and shellfish species from the largest natural carp fish breeding basin in Asia: a probabilistic human health risk implication,Environmental Science and Pollution,27

Link <https://link.springer.com/article/10.1007/s11356-020-09766-1>

2019

Baseline study of heavy metal contamination in the Sangu River estuary, Chattogram, Bangladesh

Hossain, Mohammad Belal,2019,Baseline study of heavy metal contamination in the Sangu River estuary, Chattogram, Bangladesh,Marine pollution bulletin,140,255-261

Link <https://www.sciencedirect.com/science/article/abs/pii/S0025326X19300785>

● **HONOURS AND AWARDS**

28/12/2019

Best Presenter Award at 2nd Fisheries Biennial Conference – Fisheries of Society Bangladesh

Organized by Faculty of Fisheries, Bangladesh Agricultural University,Mymensing

Link <https://fsb.bau.edu.bd/>

10/02/2019

National Science & Technology (NST) Fellowship – Ministry of Science and Technology

Link <https://grant.most.gov.bd/en/services/most/nst-fellowship>

05/03/2007

Primary Scholarship (General) – Ministry of Primary & Mass Education

Link <https://mopme.gov.bd/>

01/01/2003

Junior School Certificate Scholarship (Talent pull) – Ministry of Education

Link <https://shed.gov.bd/>

● **CONFERENCES AND SEMINARS**

27/12/2019 – 28/12/2019 Faculty of Fisheries, Bangladesh Agricultural University,Mymensing

2nd Fisheries Biennial Conference

Oral Presentation on "Assessment of Heavy Metal Concentrations in water, sediment and Bivalves from the East Coast of Bay of Bengal, Bangladesh"

Link <https://fsb.bau.edu.bd/>

● **EXPERIENCE & COMPETENCES**

01/03/2019 – 05/03/2020

Laboratory Experience

Having a good knowledge on heavy metal in sediment water, fish & bivalves analysis & post graduation thesis work together with competences under the supervision of Dr. Kamal Hossain at Bangladesh Council on Scientific and Industrial Research.

Link <https://bcsir.gov.bd/>

01/11/2017 – 10/03/2018

Laboratory Experience

Having a good knowledge on heavy metal in sediment water & fish analysis & undergraduate thesis work together with competences under the supervision of Dr. Kamal Hossain at Bangladesh Council on Scientific and Industrial Research

Link <https://bcsir.gov.bd/>

● **RECOMMENDATIONS**

Dr. Md Jasim Uddin Supervisor

I strongly recommend her for her good research competences in research field.

Email jasimfm@bau.edu.bd | **Phone** (+880) 01733994279

Link <https://fm.bau.edu.bd/profile/FM1011>

I hereby consciously certify that all of the above information is correct and that it accurately represents my credentials, experience, and myself. If there is any misinformation, I shall be held personally responsible for it.

Habiganj, Bangladesh , 06/01/2025



Sanjida Afrin Semme