



Md. Shakir Ahammed

Date of birth: 08/11/1995 | **Nationality:** Bangladeshi | **Phone number:**

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Address: Habiganj Agricultural University, Vadoi, Habiganj Sadar, 3300, Habiganj, Bangladesh (Work)

WORK EXPERIENCE

20/03/2024 – CURRENT Habiganj, Bangladesh

LECTURE AT DEPT. OF ENVIRONMENTAL SCIENCE HABIGANJ AGRICULTURAL UNIVERSITY, HABIGANJ-3300

- Teaching and Curriculum Development
- Student Mentorship
- Research and Publication
- Community Engagement.
- Collaboration:
- Administrative duties as a Chairman (acting)

Business or Sector Education | **Department** Environmental Science | **Website** <https://www.hau.ac.bd/>

2021 – 2022 MYMENSINGH SADAR, Bangladesh

RESEARCH ASSISTANT BANGLADESH AGRICULTURAL UNIVERSITY, MYMENSINGH-2202

- Worked as **Research Assistant** during July 2021 to December 2022 at project entitled “phytoremediation and phylloremediation Approaches: Exploring the potential of plants for the remediation of air pollutants.

EDUCATION AND TRAINING

01/10/2020 – 01/08/2022 Mymensing, Bangladesh

MS IN ENVIRONMENTAL SCIENCE Bangladesh Agricultural University

Website <https://bau.edu.bd/> | **Field of study** Environmental Science | **Final grade** 3.906/4.00 |

Thesis Growth and Phycoremediation Potentiality of Microalgal Species in Polluted River Water and Tannery Effluents

Tangail, Bangladesh

B.SC (HONS) IN ENVIRONMENTAL SCIENCE AND RESOURCE MANAGEMENT Mawlana Bhashani Science and Technology University, Santosh, Tangail-1902

Website <http://mbstu.ac.bd/> |

Thesis Environmental Impact Assessment of Proposed Nagarpur Bridge Construction over the Dhaleshwari River at Tangail in Bangladesh

2019 – 2020 Dhaka, Bangladesh

TRAINING COURSE ON GEOGRAPHICAL INFORMATION SYSTEM (GIS) USING ARCGIS Dept. of Geography and Environment, University of Dhaka.

Website <https://www.du.ac.bd/>

PUBLICATIONS

Biology

i. Ahammed, M. S., Baten, M. A., Ali,..& Tusher, T. R. (2023). Comparative Evaluation of Chlorella vulgaris and Anabaena variabilis for Phycoremediation of Polluted River Water: Spotlighting Heavy Metals Detoxification. Biology, 12(5), 675.

[Journal of Environmental Science and Natural Resources](#)

ii Ahammed, M. S., Murtuza, H. I., Rahman, A. A., Islam, M. S. and Saiem, R., 2022. Assessment of Water Quality Parameters of The Kohelia River at Cox's Bazar of Bangladesh. Journal of Environmental Science and Natural Resources, 13(1-2): 76–81.

Grassroots Journal of Natural Resources

iii. Islam, M. S., Shapla Khatun, M. H. K., Meghla, N. T., Ahammed, M. S., & Iqbal, K. F. (2022). Monitoring of Water Quality with Trophic State Index (TSI) in the Chalan Beel Wetland Ecosystem of Bangladesh.

SPC Journal of Environmental Sciences

iv. Islam, M. S., Ahammed, M. S., Basher, F., Kabir, M. H., Hasan, T. and Sarker, M. E. (2020). Environmental Impact Assessment of Nagarpur Bridge Construction over the Dhaleshari River at Tangail of Bangladesh.

Heliyon

v. Moni, F. N., Kabir, M. H., Ahammed, M.S., ... & Kormoker, T. (2024). Enrichment, sources, and distributions of toxic elements in the farming land's topsoil near a heavily industrialized area of central Bangladesh, and associated risks assessment.

Toxin Reviews

vi. Latif, M. B., Khalifa, M. A. K., Ahammed, M. S.,...& Tusher, T. R. (2022). Appraisal of surface water quality in vicinity of industrial areas and associated ecological and human health risks: A study on the Bangshi river in Bangladesh

. Journal of Environmental Science and Natural Resources

vii. Islam, M. S., Sultana, S., Sarker, R., Kabir, M. H., & Ahammed, M. S. (2020). Environmental impact assessment: implications of bridge construction venture in Bangladesh.

Journal of Agricultural Chemistry and Environment

viii. Ali, M. A., Haque, S. M.,... & Ahammed, M. S. (2023). Integrated Rice-Based Shrimp and Crabs Farming: Adaptation to Climate Change and Potential Mitigation of Global Warming in the Coastal Wetlands of Bangladesh

Grassroots

ix Ali, M. R., Ahammed, M. S.,...& Mohiuddin, A. K. M. (2021). Appraisal of Heavy Metal Presence and Water Quality having Microbial Load and Associated Human Health Risk: A study on tube-well water in Nalitabari township of Sherpur district, Bangladesh

● **CONFERENCES AND SEMINARS**

11/01/2025 – 12/01/2025 Mawlana Bhashani Science and Technology University
3rd international conference on advancement of life sciences 2025

Md. Shakir Ahammed* , Md. Samrat Hossain, Md Hanif Mia , H. M. Rayhanul Islam , Fatima Khatun (2025). **Heavy Metal Distribution and Their Uptake by Rice Near Open Dumpsite Area in Mymensingh.** 3rd international conference on advancement of life sciences 2025.

● **PROJECTS**

2020 – 2021

Comparative Evaluation of *Chlorella vulgaris* and *Anabaena variabilis* for Phycoremediation of Polluted River Water: Spotlighting Heavy Metals Detoxification

NST Fellowship 2021 under the Ministry of Science and Technology, Bangladesh.

2024 – CURRENT

Microplastics and Bacterial Communities in Sutang river at Habiganj in Bangladesh: Abundance, Distribution and Ecological Risk Assessment

Funded by HAURES.

Roles: Principal Investigator

2023 – CURRENT

Appraisal of surface water quality in vicinity of industrial areas and associated ecological and human health risks: a study on the Sutang river at Habiganj in Bangladesh

Funded by Ministry of Science and Technology (MoST).

Rules: Principal Investigator

2021 – CURRENT

phytoremediation and phylloremediation Approaches: Exploring the potential of plants for the remediation of air pollutants

Funded by Ministry of Education

Roles: Research Assistant

● **HONOURS AND AWARDS**

2021

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

● **RECOMMENDATIONS**

Professor Dr. Md Abdul Baten MS Supervisor

- I have know him for several years.

Email baten.envs@bau.edu.bd | **Phone** (+880) 1717101864

Professor Dr. Md. Sirajul Islam B.Sc (hons) Supervisor

- I have know him for several years.

Email islamstazu@yahoo.com | **Phone** (+880) 1710660209

I hereby consciously certify that all 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



Md. Shakir Ahammed