

### Department of Civil Engineering Khulna University of Engineering & Technology Khulna - 9203,Tel:041-769471 (191);Fax :041-774403



### Biography

Mamun Mahmud Lecturer Research AreaWater & Environmental Engineering Education Mamun Mahmud completed his BSc Degree from Civil Engineering Department, KUET. He joined this department as Lecturer in 23 March 2023. His academic pursuits are deeply focused on the intricate relationship between air pollution and its repercussions on both human health and the environment. His research endeavors aim to unravel the complex, multi-scale interactions between air pollutants and the natural as well as built environments, with the goal of clarifying how these dynamics influence public health and sustainability. He is also interested in Drought Characterization, Low Impact Development, Renewable and Sustainable energy, River ecology.

M.Sc. in Civil Engineering (M.Sc. Scholar)

Khulna University of Engineering & Technology, Khulna-9203, Bangladesh,(July 2023-Present) B.Sc. in Civil Engineering

Khulna University of Engineering & Technology, Khulna-9203, Bangladesh (2018-2023) **Higher Secondary School Certificate (HSC)** RAE Shahean College, Jackers 7404 (2017) Croup: Science Student Type: Degular

BAF Shaheen College, Jashore-7404,(2017)Group: Science,Student Type:Regular, Secondary School Certificate (SSC)

Basantapur Secondary School, Jhenaidah, (2015) Group: Science, Student Type: Regular,

# Service Records

 Lecturer Department/Section: Civil Engineering Khulna University of Engineering & Technology (KUET) From 23-03-2023 to 01-01-1970

# **Research Interest**

### Water & Environmental Engineering

=> Micro-Characterization of PM

=>Climate Change and its Impact Assessment

=>Flood, Drought Assessment and Forecasting

=> Incorporating climate information in water resources/hydrologic decision making

### Publication

### Books

#### Journals

1. Mahmud,M. and Mohiuddin,K. A. (2024), "Micro-Characterization of Indoor Deposited Particles Using FTIR, SEM-EDS, and XRD Techniques: A Case Study of a University Campus, Bangladesh," *Aerosol and Air Quality Research*, Taiwan Association for Aerosol Research, vol24, no.5, DOI:https://doi.org/10.4209/aaqr.230236

### Conference

1. Gifari,M. A., Moniruzzaman,S. M., Mahmud,M. and Islam,M. T. (2023), "Determination of the Rate of Construction and Demolition Waste Generation in Khulna," **8th International Conference on Integrated Solid Waste and Faecal Sludge Management**, ISBN:978-984-35-4034-8