

## CURRICULUM VITAE

**Abu Mansur, MPhil, MSc**

Chattogram WASA Officers Quarter, Chandgaon R/A, Chattogram, Bangladesh,

Mobile +8801818880313 Email: [mansur.bappa@gmail.com](mailto:mansur.bappa@gmail.com)

### EDUCATIONAL QUALIFICATIONS

**Degree: Master of Philosophy (MPhil) in Chemistry**

**University:** Chittagong University of Engineering and Technology (CUET)

**Result:** 2.92

**Year:** 2023

**Degree: Master of Science in Chemistry**

**University:** National University, Bangladesh

**Result:** First Class (Marks Obtained: 72%)

**Year:** 2011

**Degree: Bachelor of Science in Chemistry**

**University:** National University, Bangladesh

**Result:** First Class (Marks Obtained: 66.29%)

**Year:** 2010

### RESEARCH EXPERIENCE

#### ***Graduate Researcher***

*Department of Chemistry, Chittagong University of Engineering and Technology (CUET)*

***Supervisor:*** Prof. Dr. Md. Rezaul Karim

Conducted groundbreaking research for the M.Phil thesis titled "Assessment of Water Quality and Performance Evaluation of a Water Treatment Plant: A Case Study." Under the guidance of Prof. Dr. Md. Rezaul Karim, employed a holistic approach, combining theoretical rigor with practical applications, to address real-world environmental challenges. Developed a versatile skill set poised for impactful contributions in the field.

### PROFESSIONAL EXPERIENCE

#### **Chemist**

*Chattogram Water Supply and Sewerage Authority*

*Wasa Building, Wasa Circle, Dampara, Chattogram, Bangladesh*

*Duration:* 2016 - Present

*Website:* [Chattogram Water Supply and Sewerage Authority](http://www.chattogramwater.gov.bd)

#### **Job Description:**

- Ensure the efficient and effective operation of water treatment processes by monitoring and optimizing chemical treatment parameters.
- Conduct regular chemical analyses of water samples from different stages of the treatment process.
- Interpret analytical results to assess the quality of water and adjust treatment processes accordingly.
- Develop and implement quality control measures to ensure compliance with regulatory standards and water quality specifications.
- Operate and maintain analytical instruments and equipment used in water quality testing.
- Maintain accurate and up-to-date records of chemical usage, water quality parameters, and treatment process data.

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### **FIELDS OF INTEREST**

- Environmental Chemistry
- Water Quality Management
- Water Treatment and Technology
- Public Health and Safety
- Industrial Chemistry

### **TECHNICAL SKILLS:**

- **Microsoft Office Suite:** Word, Excel, PowerPoint

### **PUBLICATION AND THESES WORK**

*"Assessment of Drinking Water Quality of a Conventional Surface Water Treatment Plant in Chattogram City using WQI: The Case Study of Mohara WTP"*

- **Status:** Submitted

### **TRAINING AND CERTIFICATIONS**

- *"Operation and Maintenance of Chlorination System and Safety Aspects"*
  - **Date:** 01-05 November 2020
  - **Institution:** Training Institute for Chemical Industries (TICI), Polash, Narsingdi, Bangladesh
- *"Determination of Pathogenic Parameters for Fecal Sludge and Wastewater"*
  - **Date:** 10-13 July 2023
  - **Institution:** International Training Network (ITN), BUET, Dhaka, Bangladesh
- *"Lab-based Communicative English Language Training Course"*
  - **Date:** 25 May to 21 September 2008
  - **Institution:** Foreign Language Training Center, Chittagong Government College, Chittagong, Bangladesh
- *"Office Management Course"*
  - **Date:** April 2012 to June 2012
  - **Institution:** Union Information and Service Center, 2 No. Hosnabad UP, Rangunia, Chittagong, Bangladesh

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### EXTRA-CURRICULAR ACTIVITIES

#### *Voluntary Blood Donor*

- **Duration:** 2010 to Present
- **Description:** Active voluntary blood donor, consistently contributing to blood donation initiatives for the past decade.

### REFERENCES

#### 1. Academic

##### **Dr. Md. Rezaul Karim**

Professor, Department of Chemistry  
Chittagong University of Engineering and  
Technology (CUET),  
Chattogram, Bangladesh.  
Cell: +88-01725469613.  
E-mail: [karim@cuet.ac.bd](mailto:karim@cuet.ac.bd)  
Web: [www.cuet.ac.bd/chemistry](http://www.cuet.ac.bd/chemistry)

#### 2. Professional

##### **Dr. Mohammad Moniruzzaman**

Principal Scientific Officer  
Officer In-charge (Chief Coordinator)  
Central Analytical and Research Facilities  
(CARF)  
BCSIR, Dhaka  
Cell: +88-01816-702021  
Email: [monirbcsir@gmail.com](mailto:monirbcsir@gmail.com)

Sincerely,



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**Abu Mansur**