



MD. HAZRAT ALI

Civil Engineer
Chattogram, Bangladesh

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Professional Summary

- Graduated with a **BSc in Civil Engineering** from **Chittagong University of Engineering & Technology (CUET)**.
- Passionate about **sustainable infrastructure** and community-centric development projects.

Education

- **Bachelor of Science in Civil Engineering (BSC)**
 - **Institution:** Chittagong University of Engineering and Technology (CUET)
 - February 2020 – June 2025 _CGPA: 3.63/4.00
 - **Dissertation Title:** Assessment of Hydrologic Deviation and E-Flow Requirements for the Ganges and Gorai Rivers in Bangladesh
- **Higher Secondary Certificate (HSC)**
 - **Institution:** New Govt Degree College, Rajshahi
 - (2017 – 2019) _GPA: 5.00
- **Secondary Certificate (SSC)**
 - **Institution:** Naohata High School, Rajshahi
 - (2015 – 2017) _GPA: 5.00

Social Mobilization Experience

1. **Advertising Secretary**, Greater Rajshahi Association of CUET (2023 – 2024)
2. **Finance Secretary**, Humanity Foundation (2019 – Present)
3. **Vice President**, Prodip School (2024 – Present)

Skills

- **Technical Skills:** Proficient in AUTOCAD, SPSS, PYTHON, ML, GIS, and ETABS.
- **Soft Skills:** Teamwork, problem-solving, and leadership skills.
- **Languages:** Bengali (Native), English (Fluent), Arabic (Reading).

Projects

1. Industrial Attachment at BWDB: Water Resource Management Projects in Chattogram.
2. 10-story Hall Analysis and Design Using ETABS.
3. Structural Analysis and Design of Wind and Earthquake Loads for a 12-Story Residential Building.

Research & Publications

a. Thesis

1. Thesis: Assessment of Hydrologic Deviation and E-Flow Requirements for the Ganges and Gorai Rivers in Bangladesh.

b. Conference Proceedings

1. Assessment of Hydrologic Alteration for the Ganges River in Bangladesh: A Pre and Post-Farakka Barrage & Treaty Scenario (ICWFM, BUET, October 2023).
2. Performance of the Ganges Water Sharing Treaty (GWST): Effects on the Gorai River in Bangladesh (Submitted to ICCEI, RUET 2025).

c. Journal Publications

1. E-flow Assessment for Rivers in Bangladesh (submitted to the Journal of Hydro-Environment Research).
2. The Effectiveness of Faecal Sludge Management Systems in Chittagong (Submission by July 20, 2025).

References

- **Dr. Md. Reaz Akter Mullick**
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