
Md. Emran Hossain Emon

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Career Objectives:

B.Sc. in Civil Engineering graduate with a strong interest in problem-solving and engineering enthusiast. With analytical skills and passion for innovation, I am committed to leveraging technical expertise to tackle complex challenges and positively impact the Civil Engineering field. I am a keen learner with fast learning skills and lots of patience in learning new things.

Personal Strength:

- Able to work under stressed condition.
- Better teaching ability.
- Enthusiastic for learning and taking responsibility.
- Extensive hardworking and dedicated to the responsibility.
- Like to meet new people and face new working environment.

Education:

KHULNA UNIVERSITY OF ENGINEERING & TECHNOLOGY.

B.sc in Civil Engineering, Passing Year:2024

CGPA: 3.74 out of 4.00

AMRITA LAL DEY COLLEGE.

Higher Secondary School Certificate Examination, Barisal Board.

Group: Science, Passing Year:2018

GPA: 5.00 out of 5.00

BAKERGANJ J.S.U HIGH SCHOOL.

Secondary School Certificate Examination, Barisal Board.

Group: Science, Passing Year:2016

GPA: 5.00 out of 5.00

Technical Skills:

Software Skills

Design software: ETABS.

Drawing Software: AutoCAD

Programming Software: C++

Microsoft Software: Word, Excel, Power Point.

Others: EPANET, OpenFlows SewerGEMS, Midas

Language Skill

Bengali

- Reading: Strong
- Listening: Strong
- Speaking: Strong
- Writing: Strong

English

- Reading: Strong
- Listening: Strong
- Speaking: Strong
- Writing: Strong

Research Work:

A research work has been done in Level-4 under **Project and Thesis** Course under the supervision of the **Professor Dr. Quazi Hamidul Bari**, Department of Civil Engineering, KUET. The title of the research work is, “**Quantification and Classification of Recyclable Plastic waste by Near-Infrared Spectrometer**”

Publication: Emon, M.E.H.; Bari, Q.H.; Saju, J.A.; Islam, M.R.; Sarkar, A. Classification of Recyclable Plastic Waste by Near-Infrared Spectrometer. In Proceedings of the 7th International Conference on Civil Engineering for Sustainable Development (ICCESD 2024), Khulna, Bangladesh, 7–9 February 2024; Atlantis-press, A part of Springer, 2024, pp. 47–62.

Conferences:

1. **Air quality crisis in Rajshahi Division, Bangladesh: The role of Cross-border PM2.5 Transport**, International Conference on Civil Engineering for Research & Innovations, RUET 2025, (Full paper accepted for Conference)
2. **Spatial variation of Supply water Quality parameters across Dhaka City**, International Conference on Civil Engineering for Research & Innovations, RUET 2025, (Full paper accepted for Conference)
3. **Performance Enhancement of Recycled Aggregate Concrete Using Coconut Stem Ash**, 8th International Conference on Civil Engineering for Sustainable Development (ICCESD 2026, KUET)(Abstract accepted)
4. **Spatio- Temporal Patterns of road traffic Accidents in Dhaka: insights from Media-Reported data**. 8th International Conference on Civil Engineering for Sustainable Development (ICCESD 2026, KUET)(Abstract accepted)

Professional Experience:

1. I have been serving as a Lecturer in the Department of Civil Engineering at Prime University since 21.01.2025.
2. Currently, I am working as the In-Charge of the Survey Practical Lab and the Carpentry & Welding Shop Lab.
3. I Served as the environmental Engineering Lab-In Charge at Prime University from 28 January 2025 to August 2025

Extra-Curricular Activities:

Participations

1. Judge – Truss Challenge, The Odyssey 2025, Organized by ASCE Student Chapter, Chittagong University of Engineering & Technology (CUET), April, 2025
2. 7th International Conference on Civil Engineering for Sustainable Development
3. Concrete Olympiad organized by ACI Student Chapter - CUET, Year:2023
4. Workshop on Professional Plumbing Practice, Challenges and Case Studies at KUET, Year: 2023
5. Campaign Workshop on Universal Accessibility under the “Bangladesh Awareness Campaign 2023” Project at KUET, Year: 2023
6. Truss Challenge competition organized by Civil Alliance, Department of Civil Engineering, KUET, Year: 2023
7. Buzzer Master Competition organized by Civil Alliance, Department of Civil Engineering, KUET, Year: 2023
8. Poster Presentation Competition organized by Civil Alliance, Department of Civil Engineering, KUET, Year: 2023

**Vice-President at Greater Barishal Association, KUET

** General Member at Concrete Society of KUET

Achievements

- Achieved Dean’s Award for an outstanding academic performance with an average GPA 3.89 out of 4.00 in the Second Year Examination of Academic Session 20192020
- Achieved Dean’s Award for an outstanding academic performance with an average GPA 3.76 out of 4.00 in the Third Year Examination of Academic Session 2020-2021 •
- Achieved Dean’s Award for an outstanding academic performance with an average

GPA 3.86 out of 4.00 in the Fourth Year Examination of Academic Session 2021-2022

- Concrete Olympiad (3rd position in Advanced category) organized by ACI Student Chapter - CUET, Year:2023
- Achieved Scholarship in General grade after getting GPA-5.00 in HSC Examination. Year:2018
- Achieved Scholarship in General grade after getting GPA-5.00 in SSC Examination. Year: 2016
- General Scholarship in Primary Scholarship Examination. Year:2010

Personal Information:

Father's Name : Harun- Or- Rashid

Mother's Name : Ayesha Begum

Date of Birth : 25 April, 2000

Gender : Male

Marital Status : Unmarried

Present Address : 312/S/4/6, Jahurabad, Mazar Road, Mirpur-1, Dhaka

Permanent Address :Village & Post Office: Bharpasha-8280, Thana-Bakerganj, Dist: Barishal.

References:

Dr. Quazi Hamidul Bari

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Dr. Khondoker Mahbub Hassan

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