

Ahosan Habib

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📍 Dhaka, Bangladesh

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Research Interest

- Construction materials
- Construction engineering & management
- Construction Analytics
- BIM and IoT Integration with Digital Twins

Professional Experience

Powerchina Fujian Engineering Co., Ltd.

Current Position: Manager, Construction Department

Dhaka, Bangladesh

March 2021- Present

Project: Design, Supply, Installation, Testing and Commissioning of 132kV, 230kV and 400kV high voltage power transmission line of Turnkey Basis. (Approximately 900km)

Udvash Academic and Admission Care

2013-2015

- Took Math Classes with 60 students
- Prepared questions and notes for their tests

Education

Khulna University of Engineering and Technology (KUET)

Khulna, Bangladesh

B.SC. IN CIVIL ENGINEERING

Mar. 2016 – Jan. 2021

- **CGPA 3.03** out of 4.00

Key Courses: Details of construction, Numerical analysis and computer programming, Project planning and construction management

Undergraduate Thesis

“The performance of concrete and brick hollow block in protecting structural steel member exposed to high temperature.”

- Grade: A+, Course Credit: 4.5

Standardized Test Score

IELTS Score: 7 (Listening: 8, Reading: 7, Writing: 6.5, Speaking: 6.5)

GRE Score: Quantitative Reasoning-156, Verbal Reasoning-141, Analytical Writing Ability- 3

Programming Language Proficiency

- Languages: R, Python, HTML, CSS, JavaScript (Ongoing course in coursera)
- Software: Etabs, StaadPro, SPSS, ArcGIS Pro, AutoCAD, Revit, PLS CADD, Abaqus

Publications

- The efficiency of fluid viscous dampers (FVDs) in enhancing a low-rise construction domestic reinforced-concrete building's seismic response. *(Submitted after final review in Scopus Indexed Journal)*
- Evaluation of physical and mechanical properties of concrete produced with super absorbent polymer exposed to High Temperature. *(AOSFST Conference 2021)*
- Low cost fire protective material for structural steel members exposed to high temperatures. *(Extended abstract submitted)*

Extra-Curricular

- Organizer at Organization of **KUET Sports** *2020*
- Organizer at Dr. M A Rashid Hall **Annual Feast** *2017*
- Organizer & Judge at **Civil Convivial** *2018*
- Organizer at **Civil Night festival** *2019*

Awards

- Man of the Tournament in Intra Hall Cricket Tournament (KUET)
- Member of Champion Team in Intra Department Football Tournament 2017 (KUET)
- Champion in Intra Batch Quiz Tournament (2017) arranged by Dept. of Civil Engineering (KUET)
- Math Fest Second Runners-Up (2017), KUET Math Club
- Recipient of Government Scholarship in Higher Secondary School Certificate examination.
- Recipient of Government Scholarship in Junior School Certificate examination.

Affiliations

Vice-President at Organization of KUET Sports	2020
Organizing Secretary at TRY (KUET)	2019
Treasurer at Greater Rangpur Association (KUET)	2018-2019

Personal development

- *"Finite Element Analysis with MATLAB and ANSYS"* offered on Udemy platform.
- *"Machine Learning A-Z™: Hands-On Python & R In Data Science"* offered on Udemy platform.
- *"R Programming A-Z™: R for Data Science with Real Exercises!"* offered on Udemy platform.
- *"Data Science with R"* career track offered by Data Camp.
- *"Statistics with R"* specialization offered by Duke University on Coursera platform.
- *"Advanced Writing"* offered by University of California, Irvine on Coursera platform.

Reference

Dr. H.M. Iqbal Mahmud

Professor, Department of Civil Engineering

Khulna University of Engineering & Technology (KUET), Khulna -9203, Bangladesh.

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