

M TAMIM PARVEZ TAPU

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ACADEMIC CREDENTIALS

Bangladesh University of Engineering and Technology (BUET)

Apr, 2019 – Jul, 2024

Bachelor of Science in Civil Engineering

Major: Structural Engineering, Minor: Environmental Engineering

CGPA: **3.56** / 4.00 (**3.70** in last semester)

WORK EXPERIENCE

Executive Engineer (Project Planning and Management)

Jul, 2025 – Present

Imarat Designers and Consultants Limited.

Oversee project planning, scheduling, and coordination for various civil engineering projects. Ensure timely execution, quality control, and cost efficiency while collaborating with multidisciplinary teams to achieve project goals.

RESEARCH EXPERIENCE

• **Undergraduate Thesis Work**

Jun, 2023 – Jul, 2024

Bangladesh University of Engineering and Technology (BUET)

Established linear and exponential relationships between the destructive test method and non-destructive test method to accurately predict the compressive strength of the concrete as well as found the optimum slag percentage.

Thesis title: "*Non-destructive Evaluation of Concrete Compressive Strength Using Steel Slag as Partially Replaced Coarse Aggregate*"

Research Supervisor: Dr. Syed Ishtiaq Ahmad

• **Interdisciplinary Research Work**

Nov, 2021 - May, 2022

Bangladesh University of Engineering and Technology (BUET)

Responsibilities included developing a data collection questionnaire, designing Excel format for Data Analysis, providing training to data entry personnel and field-level data collection.

Research project title: "*Determinants of Healthcare Expenditure of the Households of Rickshaw Pullers: A Case Study in Dhaka City.*"

Research Supervisor: Dr. Nazmul Islam

PROJECTS

• **Capstone Project**

Jun, 2023 – Jul, 2024

Bangladesh University of Engineering and Technology (BUET)

The project focused on developing a sustainable market building and overhead parking to reduce traffic congestion and on-street parking. Responsibilities included preliminary surveying, planning, distribution of individual roles, structural design, circular ramp design, internal traffic flow network design, water distribution, and waste management systems.

Role: Deputy Leader

Project title: "*Redevelopment of Karwan Bazar Market.*"

• **Undergraduate MATLAB course project**

Nov, 2021 - May, 2022

Development of a program for determining the stress parameters of a beam.

Project title: "*Determining the stress parameters of a beam through graphical representation of Mohr's Circle.*"

STANDARDIZED TEST SCORES

- **Test of English as a Foreign Language (TOEFL)** - November 13, 2024

Overall	Listening	Reading	Speaking	Writing
95	24	23	24	24

- **Graduate Record Examination (GRE)** - October 28, 2024

Total	Quantitative	Verbal	Analytical
317	169	148	3

TECHNICAL SKILLS

- **Engineering software:** AutoCAD, ETABS, SAP 2000, REVIT
- **Programming:** MATLAB, C++, Python
- **Microsoft Office Suite:** Word, Excel, PowerPoint
- **Data Analysis:** OriginPro, Excel
- **Project Management:** Excel, Monday.com

AWARDS

- **BUET Dean's List** award from Bangladesh University of Engineering and Technology 2019
- Merit Scholarship (General) in H.S.C. examination from Jashore Education Board 2018
- Merit Scholarship (Talent Pool) in S.S.C examination from Jashore Education Board 2016
- Merit Scholarship (Talent Pool) in J.S.C examination from Jashore Education Board 2014

WORKSHOPS AND SEMINARS ATTENDED

- Active Participation in the seminar on "**Innovative Nature-Based Technologies for Slope Stabilization, Land Reclamation and Soil Remediation**" organized by ASCE Student Chapter, BUET in 2024.
- Active Participation in the day-long "**Campaign Workshop on Universal Accessibility**" under the "Bangladesh Accessibility Awareness Campaign 2023" project on June 22, 2023, at Bangladesh University of Engineering and Technology (BUET).
- Active Participation in the seminar on "**Soft Skills Development**" organized by BUET in partnership with 'Techno India Group' in 2023.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Member of BUET Suhrawardy Hall 2024 Volleyball team (**1st Runners up of 2024**)
- An active member of the voluntary blood donation club named "**BADHON BUET**" of BUET.
- Participation in the "**Seismic Challenge**" in 2023 and "**Truss Competition**" in 2019 in "Cennovation" organized by the Islamic University of Technology (IUT).
- Participated in the "5000m run" at the Inter Hall Athletics Competition in BUET in 2022.
- "**Best Swimmer**" **3 times** in 2017, 2015 and 2013 in the Inter House Swimming Competition at Jhenaidah Cadet College.
- **1st** in the Quran Recitation Competition at Jhenaidah Cadet College in 2018.
- **1st** in "Javelin Throw" in the Inter-House Athletics Competition at Jhenaidah Cadet College in 2018.
- **House Prefect**, Khaiber House of Jhenaidah Cadet College in 2017.

REFERENCES

- **Dr. Syed Ishtiaq Ahmad** (Undergraduate Thesis Supervisor)
Professor, Department of Civil Engineering, BUET, E-mail: siahmad@ce.buet.ac.bd
- **Dr. Shohel Rana**
Professor, Department of Civil Engineering, BUET, E-Mail: shohel@ce.buet.ac.bd
- **Subashish Kundu Sunny**
Assistant Professor, Department of Civil Engineering, BUET, E-Mail: subashishkundu@ce.buet.ac.bd