

# Raihan Uddin Ahmed

Sebok-91(Ground Floor), Rainagar  
Sylhet  
Bangladesh

Phone: +8801770076358  
Email: [r\\_u\\_ahmed@outlook.com](mailto:r_u_ahmed@outlook.com)  
LinkedIn: [www.linkedin.com/in/ruahmed](http://www.linkedin.com/in/ruahmed)  
Website: <https://raihanuddinahmed.github.io/>

## Summary:

Diligent Civil and Environmental Engineering graduate from SUST with strong analytical, problem-solving skills and a proven record of academic success while retaining a strong desire to learn and grow.

## Education:

**Shahjalal University of Science and Technology**, Sylhet, Bangladesh

*BSc in Civil and Environmental Engineering, 2019*

- *Thesis Topic: Analysis of Torsional Behaviour of Reinforced Concrete Beams for Different Patterns of Shear Reinforcement Using ANSYS*
- *Results: CGPA 3.53 out of 4.00*

**M.C. College**, Sylhet, Bangladesh

*Higher Secondary Certificate Examination, 2015*

- *Results: GPA 4.50 out of 5.00*

**Sylhet Govt. Pilot High School**, Sylhet, Bangladesh

*Secondary School Certificate Examination, 2013*

- *Results: GPA 5.00 out of 5.00*

## Research Interests:

- Design and behavior of concrete elements subjected to stress
- Finite Element Analysis of RC structures
- Modeling of concrete
- Fiber Reinforced Polymers
- Earthquake Engineering
- Building Information Modeling

## Publication:

- **R. U. Ahmed**, Dr. H.M.A. Mahzuz, W. Jannat, 2021. Analysis of Torsional Behaviour of Reinforced Concrete Beams for Different Patterns of Shear Reinforcement via ANSYS. International Journal of Structural Engineering (IJSTRUCTE) (Under review)

## Standardized Test Score:

International English Language Testing System (IELTS) - Valid till December 05, 2022

<u>Overall</u>	<u>Listening</u>	<u>Reading</u>	<u>Writing</u>	<u>Speaking</u>
7.5	9.0	8.0	6.5	7.0

## Certifications:

- Courses on **Python**, March 30, 2020, from University of Michigan.
- Courses on **BIM**, June 2, 2020, from National Taiwan University.
- Specialization Course on **Excel**, December 24, 2020, from Macquarie University

## **Seminars Attended:**

02/2020-02/2020

Sylhet

Bangladesh

### **Client Summit, 2020**

Center of Research, Testing and Consultancy (CRTC),  
Shahjalal University of Science and Technology, Sylhet

- Attended a 12-hour long seminar on Structural Health Assessment, Construction Site Management, Geotechnical Engineering, Environmental Monitoring and Modelling, Water and Waste Management etc.

## **Skills:**

**Programing Languages**

: Python, C

**Structural Analysis Software:**

: ETABS, SAP2000, ANSYS, ABAQUS

**Computer Aided Design Software**

: SolidWorks, AutoCAD

**BIM Software**

: Autodesk Revit Structure