

Md. Habibur Rahman Aslam

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CARRIER OBJECT

As an energetic electrical engineer, I thrive in challenging, competitive environments and enjoy learning and applying new skills daily. With hands-on technical experience, I excel at breaking down complex systems, improving processes, and analyzing data. I'm eager to transition my problem-solving and analytical skills to business and operational roles, contributing to industry growth while maintaining honesty, dignity, and a collaborative spirit in the workplace.

EDUCATION

B.Sc. in Electrical & Electronic Engineering

Chittagong University of Engineering & Technology (CUET)

Passing Year: 2025, CGPA: 3.43/4.00

Higher Secondary School Certificate (HSC)

Savar Cantonment Public College, Savar, Dhaka

Passing Year: 2019, GPA- 5.00/5.00

Secondary School Certificate (SSC)

Atomic Energy Research Establishment School & College

Passing Year: 2017, GPA- 5.00/5.00

SKILLS

- **Software & Technical:** Microsoft Office (MS Word, Excel, Power Point), Cadence, C/C++, COMSOL (Solar & Thermoelectric-Simulation), MATLAB, ADS, PROTEUS, SCAPS-1D, Auto-Cad.
- **Personal Skill:** Leadership, Creativity, Photography, Negotiation, Communication Skill, Critical Thinking, Writing Skills.
- **Others:** Basic knowledge about coding in Python, PHP & HTML5.

TRAINING & INTERNSHIP

1. BTCL

Completed two-week industrial attachment at Chittagong Telecom Region of BTCL.

2. SOLAR System Training

Completed 32 hours training on Solar system planning, Design, Installation and Operation for Engineering Students at Daffodil International University.

3. EDGE Program:

Completed 80-hour intensive training on Engineering Design & Analysis with MATLAB, conducted by IICT, CUET, under the EDGE Project of Bangladesh Computer Council (ICT Division).

EXTRA-CURRICULAR ACTIVITIES

- CUET Journalist Association General Secretary
- Greater Faridpur Association Cultural Secretary
- Greater Dhaka Association Advertising Secretary
- Achieved 7th position among Chattogram Region in 12th National Math Olympiad.

RESEARCH & PUBLICATIONS.

1. **Title:** Advancing SDG7 through sustainable solar energy in Bangladesh: A comparative assessment of floating and ground-mounted PV systems with insights into energy efficiency, financial viability and environmental impact
➤ **Published in:** *Energy 360 (Elsevier)*
2. **Title:** Design and Modeling of a High-Efficiency Unit Concentrated Solar Thermoelectric Generator
➤ **Accepted in:** *Journal of Undergraduate Research International (JURI)*
3. **Title:** Comprehensive Numerical Analysis of High Efficient Lead-Free CH₃NH₃SnI₃ based Perovskite Solar Cell
➤ **Accepted in:** *Journal of Undergraduate Research International (JURI)*

REFERENCES

1. Professor Dr. Joyprakash Chakrabartty

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2. Dr. Sampad Ghosh

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