



# RAMRASAI MARMA

ELECTRICAL ENGINEER | RESEARCHER

## CONTACT

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Khagrachari, Chattogram

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## SKILLS

- Programmable Logic  
Controller (PLC)
- PCB Design & Circuit  
Analysis | EasyEDA
- Python | HTML | CSS
- Microsoft Office | Excel |  
Data Analysis | Data  
Visualization
- MATLAB | Simulink
- Adobe Illustrator | Adobe  
Photoshop

## LANGUAGES

- Bangla (Fluent)
- English (Fluent)

## REFERENCE

Sabuj Ahmed

Assistant Professor & Head,  
Dept. of EEE | Barisal Engineering  
College, University of Dhaka

Email :sabujahmed.duengg@bec.edu.bd



## PROFILE

Dedicated Electrical and Electronic Engineering graduate with a strong academic foundation and research experience. Recently presented a research paper at an international conference. Skilled in dynamic wiring diagrams, circuit analysis, and technical problem-solving. Eager to leverage theoretical knowledge and practical skills in a challenging engineering role.



## PROJECTS & RESEARCH

Research Author & Presenter  
Academic Research

4 DEC 2025 | IEEE PEEIACON

- Authored the paper "Modeling and Controlling Dynamically Lead-Acid Battery Storage Integrated into a Hybrid Microgrid".
- Accepted for presentation at the IEEE PEEIACON 2025 conference.
- Analyzed dynamic control systems for renewable energy integration.

Industrial Training

2025 TICI, Narsingdi

Industrial Automation & Control

- Completed hands-on training on Transformers, Motors, and Star-Delta operations.
- Gained practical experience in PLC Basics, Instrumentation, and Safety Procedures.
- Learned industrial troubleshooting and maintenance standards.

PLC Automation Project

2025 Self-Initiated

Personal Project

- Designed an automated control system using Siemens LOGO! PLC technology.
- Developed ladder logic for efficient motor and system control.
- Simulated the project to ensure operational safety and accuracy.



## EDUCATION

B.Sc. in Electrical & Electronic Engineering

2025

Barisal Engineering College (University of Dhaka)

CGPA: 2.64/4.0

Higher Secondary Certificate (HSC)

2019

Rangamati Govt. College

GPA: 2.75 / 5.0

Secondary School Certificate (SSC)

2016

Tabal Chhari Kadam Toli High School

GPA: 4.33 / 5.0