EMTIAZ UDDIN

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📍 Talukder Bari, B-15, Road- 1, Mohanagar Housing Project, Rampura, Dhaka.

PERSONAL TRAITS

- Good communication and organizing skill.
- Problem solving

TECHNICAL SKILLS

- **Programming Languages**: C++, Python, Matlab, Verilog, HTML & CSS.
- **Libraries:** Pandas, NumPy, Matplotlib, Seaborn.
- **Tools:** Google Colab, MATLAB, Codeblocks, Visual Studio, Arduino.
- **Simulators:** Orcad Pspice, Quartus, Proteus, Cadence.
- **Design Software:** Adobe Photoshop, Adobe Illustrator.

PERSONAL PROJECTS

- Automatic Plant Irrigation System Using NE555 Timer.
- Home Automation System Using Arduino Uno.
- Automatic Power Factor Correction Using Capacitor Banks.
- Comparative Analysis and Design Optimization of different low power Nano-Scale SRAM Cells .
- Design and implementation of verilog HDL based subway automatic ticket selling system.

EXTRA-CURRICULAR ACTIVITIES

- Academic Coordinator,
  AUST EEE Society (Fall 2023)

ABOUT ME

Passionate about electrical engineering, I aim to leverage my expertise to inspire and educate students. With a focus on both theoretical and practical aspects, I am committed to fostering innovation and developing the next generation of engineers in the field.

EDUCATION

B.Sc. in Electrical and Electronics Engineering
Ahsanullah University of Science and Technology,Dhaka
📅 2020-2024
GPA: 3.85/4.0
Position - 1st

Higher Secondary Certificate (HSC)
Govt. Hazi Muhammad Mohsin College, Chattogram
📅 2018
GPA: 4.83/5.00

Secondary School Certificate (SSC)
Chattogram Collegiate School, Chattogram
📅 2016
GPA: 5.00/5.00

RESEARCH INTERESTS

Battery Management System, EV Charging Station

REFERENCE

Dr. Taskin Jamal
Associate Professor
Ahsanullah University of Science and Technology,Dhaka

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