

Fred Hridy Halder



ACADEMIC QUALIFICATION

American International University-Bangladesh

- BSc. Electrical and Electronic Engineering May 2016-December 2019 CGPA 3.62 on a scale of 4.00

S.F.X Green Herald International School and College, Dhaka, Bangladesh

- A Level in 2013 GPA 3.03 on a scale of 4.00
- O Level in 2011 GPA 3.89 on a scale of 4.00

PROFESSIONAL TRAINING

- **Professional Training on** "Introduction to Power Plant Operation and Maintenance"

Institution: Power and Energy Training Academy at United International University

Duration: 4 months

Major Fields: Power Plant Operation Philosophy, Basics of Engine, Troubleshooting on Electrical System, Sensor Techniques, Operating principle of protection relays, DC systems, LV & MV Switchgears and Transformer operation, System Automation.

- **Professional Training on** "Industrial Automation/PLC"

Institution: International Automation Technologies

Duration: 2 months

Major Fields: Introduction to automation control system, Classification of control, Logic control, PLC, Basic concept Of PLC networking system, Block diagram of PLC, Digital elements (PB SW, Limit SW, LS, PS, Raid SW, Photo SW) and Analog elements (TC, RTD, Transmitter for 4-20mA), Basic PLC Programming (Logo- Siemens) Basic PLC programming by ladder Languages, Basic PLC Programming (S7-200) Basic PLC programming (Mitsubishi) Basic PLC Programming (Omron), Basics on Drive Control System (VFI), HMI

Contact

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COMPUTER SKILLS

Electrical Design Software	Auto CAD, Multisim, MATLAB
Office Suite	MS Word, Excel, Power Point
Programming Language & OS	C++, Windows 10

UNDERGRADUATE THESIS

Thesis Topic: Portable Windmill for Powering Electronic Gadgets

Thesis Supervisor: Tawsif Ibne Alam (Assistant Professor)

LANGUAGE PROFICIENCY

Type	Writing	Reading	Listening	Speaking
Bengali	Good	Good	Good	Good
English	Good	Good	Good	Good

EXTRA-CURRICULUM ACTIVITIES

- Attended a Workshop on “Making Drone” at Dhaka University of Science and Technology.
- Seminar on “Basic Automobile Engineering & Electric Vehicle” at ACES Club AIUB.
- Seminar on Basics of Mobile Communication Network at ACES Club AIUB.

REFERENCES

- Engr. Md. Jalal Uddin
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