

Dipta Saha, B.Sc.

Curriculum Vitae



Contact details:

5F, Exclusive Rose Valley
29 Jamalkhan Road, Kotowali
Chattogram -4000, Bangladesh.

Cell: (+880) 1814396274

Email: dipta.bd14@gmail.com

LinkedIn: www.linkedin.com/in/dipta-saha

Career Objective:

To build up my profession considering the experience through working in a very much assumed industry or association with genuineness and pride where achievement comes through innovativeness, difficult work and dedication to obligation.

Educations:

- **B.Sc. in Electrical and Electronic Engineering (EEE), October 2021.**

American International University-Bangladesh (AIUB),

Dhaka - 1229, Bangladesh.

CGPA: 3.29 out of 4.

- **Higher Secondary Certificate Examination (HSC), 2016.**

Chattogram Collegiate School (Intermediate Section),

Chattogram, Bangladesh.

GPA: 4.33 out of 5.

- **Secondary School Certificate Examination (SSC), 2014.**

Chattogram Collegiate School,

Chattogram, Bangladesh.

GPA: 5 out of 5.

Internship:

“Center for Reactor Research (CRR)” of “Atomic Energy Research Establishment (AERE)” under “Bangladesh Atomic Energy Commission”.

Duration: **4 weeks**

- Different systems and various operational and utilization aspects of the **3MW BAEC TRIGA Research Reactor.**

Project Work:

Perturb and Observe Based MPPT (Maximum Power Point Tracker) Controller for Smart Micro grid.

- **Designed a Maximum Power Point Tracker (MPPT) using MATLAB Simulink.**
- **The tracker can extract almost double power from the solar panel rather than the conventional system.**
- **DC-DC converter is connected with MPPT to boost up the voltage which is got from the solar panel.**
- **This system is designed for the remote areas where the transmission setup is difficult.**

Computer Skills:

Microsoft Office	MS Office, MS Project.
Programming languages	C, C++, MATLAB.
Computer Aided Design Skills	AutoCAD, MATLAB SIMULINK.
Simulation Software	Proteus, NI Multisim, Cadence.

Language Skills:

Bangla	Native Language.
English	Good in reading, speaking and writing.

Extra-Curricular Activities:

- **Fund Raising Lead** of “Engineering Students’ Association of Bangladesh (ESAB) AIUB unit face”.
- **Volunteer** at ESAB AIUB Unit Face.
- **Volunteer** at “VR Fest ’18” organized by Studio13 at AIUB.
- **General member** at AIUB Community of Engineering Students (ACES).
- **General member** at IEEE AIUB student branch.

Certificates:

- Coursera certified **Energy Production, Distribution, and Safety.**
- Coursera certified **Photovoltaic Solar Energy.**
- Coursera certified **Electric Industry Operations and Markets.**
- Coursera certified **Wind Energy.**
- Robi 10 minute School certified **Interview Skills.**

References:

Md. Saniat Rahman Zisan
Head of the Department,
Computer Engineering (COE).
Associated Professor,
Department of Electrical and Electrical Engineering.
American International University-Bangladesh (AIUB).
Email : saniat@aiub.edu
Contact no: (+880) 1720191713

Sujan Howlader (Essan)
Assistant Professor,
Department of Electrical and Electrical
Engineering.
American International University-
Bangladesh (AIUB).
Email : sujan@aiub.edu
Contact no: (+880) 1673497157

All information in this Curriculum Vitae is true and correct to the best of my knowledge and belief.

Chattogram, 21.03.2022

Dipta Saha.

Place, Date

Signature