

## SUDIP SARKER

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### Career Objective:

A young and aspiring EEE graduate seeking for an opportunity to apply knowledge and skills alongside intensive expertise regarding power sector for the continuous improvement of the organizational goals.

### Academic Qualification:

Exam Title	Concentration/ Major	Institute	Result	Pas. Year	Duration
B.Sc. (Engg.) in EEE		American International University- Bangladesh (AIUB)	CGPA:3.63 out of 4	2019	4 years
HSC	Science	Chandpur Govt. College	CGPA:4.5 out of 5	2014	2 years
SSC	Science	Hasan Ali Govt. High School	CGPA:5 out of 5	2012	2 years

### Professional Trainings :

- Successfully completed internship with a duration of 3 months at Ashulia Power Plant I and Ashulia Power Plant II of Summit Power International.

### Undergraduate projects:

#### **Gravitational Water Vortex Power Plant (GWVPP)**

Gravitational Water Vortex Power Plant is an environmental technology, which generates electricity by rotation of turbine, which is created from water vortex. This kind of power generation is eco-friendly, less costly. Moreover, it can be used in rural, remote and hilly areas where expansion of national grid is too costly.

#### **Height Sorting Device**

It is a device, which use height for sorting different kind of materials. Sorting is an important aspect in industries. This kind of device can be very beneficial to small industries where sorting system can be implemented at a very low cost. As it uses height as unit it is also can be used to measure heights.

#### **Password Locker**

It is a security system where different logic gates are used in order to create a security system. It is a password based security system with an alarm system is also attached with it. When anybody uses wrong password then the buzzer will buzz.

**Technical Skills:**

- Good knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software.
- Good understanding of power systems such as switchgear, protection equipment, transformer, substation etc.
- Strong mathematical skills.
- Good command over MS Office, MATLAB, Proteus, Microwind, DSCH, Auto CAD, Multisim, Pspice.
- Basic knowledge on C and C++.
- Excellent operational knowledge of system design and implementation.

**Interpersonal Skills:**

- Positive attitude.
- Adaptability.
- Hard working and result oriented.
- Ability to cope up with different situation.

**Extra-Curricular Activities:**

- Participated in the AIUB drone contest organized by AIUB in 2018.
- Actively participated in various sports activities for inter school.

**Interest:**

Reading novels, Traveling, Playing Badminton, Watching TV.

**Language Proficiency:**

Language	Reading	Writing	Speaking
English	High	High	High
Bangla	High	High	High

**Personal Details:**

Father's Name : Bijoy Chandra Sarker  
 Mother's Name : Seema Rani Sarker  
 Date of Birth : January 5, 1997  
 Gender : Male  
 Marital Status : Unmarried  
 Nationality : Bangladeshi  
 National Id No. : 8254788626  
 Religion : Hindu  
 Permanent Address : Vill- Karaiya, Post- Dollai Nawabpur, Dist.- Cumilla.  
 Current Location : Dhaka

**Reference (s):**

Name	: Md. Saniat Rahman Zishan	Bikash Sarker
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Relation	: Academic	Relative