

# CURRICULUM VITAE

## Ahasan Habib Zinan

Mulla Bari, Changao,

Birulia, Savar, Dhaka-1216, Bangladesh

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### CAREER OBJECTIVES:

An enthusiastic and passionate Electrical and Electronics Engineering student seeking to join the EEE club to enhance my knowledge, collaborate with like-minded peers, and contribute to innovative projects. Eager to leverage academic knowledge and technical skills to support club activities and participate in hands-on experiences in the field of EEE.

### PERSONAL DETAILS:

Name	: Ahasan Habib Zinan
Father's name	: MD Asaduzzaman
Mother's name	: Most Farida Easmin
Date of Birth	: 04-09-2004
Permanent Address	: Village: Kamat Para P.O: Panchagarh P.S: Panchagarh District: Panchagarh
Present Address	: Area: Changao P.O: Birulia P.S: Savar District: Dhaka
Nationality	: Bangladeshi (by birth)

### EDUCATION:

- i. Daffodil International University (Dhaka, Bangladesh)**  
B.Sc. in Electrical & Electronics Engineering  
**CGPA: 3.10/4.00** (last semester)
- ii. Moqbulur Rahman Govt College Panchagarh (Panchagarh, Bangladesh)**  
Higher School Certificate, Science Background  
**GPA: 5.00/5.00**
- iii. Panchagarh Nurun Ala Nur Kamil Madrasah (Panchagarh, Bangladesh)**  
Secondary School Certificate, Science Background  
**GPA: 4.94/5.00**

### SKILLS:

- Computer skills: Canva, PSpice, Microsoft Office Suite (Word, Excel, PowerPoint Basic)
- Programming skills: WordPress Development
- Technical skills: Electrical house wiring, PLC
- Language skills: Bangla (native), Hindi (conversational), English
- Soft skills: Teamwork & Collaboration, Project Planning & Time Management, Quick Learner.

## **PROJECTS :**

### **i. Sound Detector:**

- Utilizes a microphone sensor and a transistor-based circuit to detect sound intensity.
- LED indicators provide real-time visual feedback based on detected sound levels.
- Activates a relay or buzzer when the sound crosses a predefined threshold, enabling automation.
- Can be used for security alarms, noise monitoring, and voice-activated control systems.
- Adjustable sensitivity using a potentiometer for different noise environments.

### **ii. Shadow Sensor:**

- Utilizes an LDR (Light Dependent Resistor) and an Op-Amp 741 to detect shadows and trigger actions.
- LED indicators respond to shadow intensity in real-time, providing immediate feedback.
- Can be used for security systems, automatic lighting, and motion detection applications.
- Activates a relay when a shadow is detected, enabling automation for various devices.
- Adjustable sensitivity allows customization for different lighting conditions..

## **TRAININGS & EXPERIENCES:**

### **iii. Organizing Secretary – DIU EEE Club**

- Leading and coordinating events related to Electrical and Electronics Engineering.
- Managing club activities, meetings, and workshops.
- Ensuring smooth execution of EEE Day and other technical events

### **iv. Student Associate- DIU**

- Assisting in university programs and administrative tasks.
- Supporting students and faculty in various academic and non-academic activities.
- Enhancing the university's student engagement programs.

### **v. Former Member – DIU Volunteer Service Club (VSC) (Traffic Volunteer)**

- Helped manage campus traffic and ensured smooth mobility during peak hours.
- Assisted in organizing road safety awareness campaigns.

### **vi. Volunteering Experience:**

- DIU Convocation: Helped in organizing and managing the convocation ceremony.
- Orientation Program: Assisted in welcoming and guiding new students.
- EEE Day & Iftar Event: Actively contributed to planning and execution.

**vii. AutoCAD Seminar:**

- Completed, actively learning and finding it helpful for future projects)

**viii. Interests and Hobbies:**

- Circuit Design & Hardware Projects
- Riding Bikes & Exploring New Places
- Playing Football (Online Games)

**Signature:**

*Ahasan Habib Zinan*

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(Ahasan Habib Zinan)