# **MD.TARIQUL ISLAM**

© Contact no.: +88 01673-222406, +88 01916-261815

Email: tariqul33-3932@diu.edu.bd & engi.tariqul.islam@hotmail.com

Address: 99/4/1, Ekota Goli, Middle Pirerbag, 60 Feet, Mirpur, Dhaka-1216, Bangladesh

# ✓ CAREER OBJECTIVE

To pursue research experience and skills in a progressive environment, where my engineering education and knowledge will be enhanced to their maximum potentials so that I can render my services to humankind most efficiently as a potential researcher and an innovative engineer, I have seen this dream since childhood.

#### ✓ RESEARCH INTEREST

I would like to work in following fields. The wireless communication & Networking, Machine learning, image processing, natural language processing, Robotic. evolutionary computation and Artificial Intelligence, deep learning, Data management, data science, machine learning, and cloud computing are the prime areas of my interest.

<b>■ ACADEMIC QUALIFICATION</b>				
Degree	Institution	Discipline/Group	Passing year	Result
B.Sc. in Engineering	Daffodil International University (DIU)	Electrical & Electronic Engineering	2021	3.05 (Out of 4)
Diploma in Engineering	Park Polytechnic Institute (Completion of class 14)	Electrical Engineering	2015	3.01 (Out of 4)
S.S.C/ Dakhil	Kamalla Madinatul Ulum Fazil Madrasha (Completion of class 10)	Humanities	2011	4.06 (Out of 5)

#### **PUBLICATIONS**

"Electric Bike with Smart Features and Automatic Security Lock" authors; Md. Siddiqur Rahman, Md. Delwar Hossen, Md. Tariqul Islam & Md. Abdur Rashid. Journal of Engineering Science and Technology, Published oral Presentation on 29th October, 2021 at international conference Taylor's University, Malaysia. (Note: Paper accepted but Under binding Book)

#### SKILLS

- Technical Proficiency: Python, MATLAB, HTML and CSS, Android Studio, PCB design, AutoCAD drawing, Proteus, PSPICE, VLSI Cadence, PLC 8086 Assembly Language, MS Office (MS Word, MS PowerPoint, MS Excel), Adobe Illustrator, Adobe Photoshop and Adobe LightRoom. Adobe XD, UI/UX Design, Camtasia.
- Interpersonal skills: Team Building, negotiation and strong analytical skills, team leader as a motivator, sense
  of good organizational behaviour, flexibility with positivity towards challenges and Volunteer skill.
- Practical Skill: I have lots of others skills to practice, I have a personal laboratory, Where I develop my Idea.

#### **PROJECTS**

- A group project on "Design and Hardware Implementation of Electric Bike with Smart Features and Automatic Security Lock"
- A project on "Structure of Soil Moisture Sensing Electronic Irrigation System"
- A project on "Leaser Security Locker."
- A project on "Electrical DC Motor Design and Build"

#### CORPORATE EXPOSURE

- Internship at Global Entrepreneurship Development Programme in 2019 at Universiti Sains Islam Malaysia (USIM) Bandar Baru Nilai, 71800 Nilai, Negeri Sembilan, Malaysia (10 days)
- Internship at Bangladesh Power Development Board (BPDB), Tongi, Gazipur, Dhaka (3 Months)
- Internship at Tongi 80MW Gas Power Station, BPDB, Tongi, Gazipur (1 day)
- Internship at Pagla Electric Power Sub-Station, Pagla, Naraynganj, Dhaka. (1 day)
- Internship at Siddhirganj Power Station, Narayanganj, Dhaka. (1 day)

# **COURSE WORKS**

Course works in B.Sc.: VLSI Circuit Design, Electrical Circuit-I & II and lab, Electrical Machine - I&II and lab, Transmission and Distribution & Electrical Power, Analog Electronics-I&II and lab, Power System Analysis, Control Systems and Lab, Power System Protection & Analysis and Lab, Power Plant Engineering and Lab, Electrical Properties of Materials, Digital Electronics and Lab, Signal and System, Electromagnetic Field & Waves, Communication Engineering I&II and Lab, Microwave Engineering, Industrial Electronics, Digital Signal Processing and lab, Microprocessor & Interface and lab, Computer Programming and Lab, Data Communication & Computer Network, Random Signal Processing, Mathematics I,II&III, Physics I&II and Lab, Numerical Analysis, Chemistry and Lab.

### **EMPLOYMENT STATUS**

Currently, Admin & IT Officer of Giyner Pthshala (Charity Organizations) under the "Unity for Social Development (USD) Foundation®" since 2017. And I am working in SDG11 "The 23rd Asia Europe Foundation Summer University Hackathon program 2021.

### **EXTRACURRICULAR ACTIVITIES & AFFILIATION**

- Volunteer of Giyner Pthshala.
- Member of a Robotics Club (DIU)
- Participated in cultural programs of school, college and university
- Institution of Diploma Engineers (IDEB), Bangladesh Membership NO #61927
- Member of American Canter, US Embassy Dhaka Membership ID #112877
- The Institute of Electrical and Electronics Engineers (IEEE) Membership ID #98127154

# **® PERSONAL DETAILS**

Name: Md Tariqul Islam
Gender: Male
Date of Birth: 10th March, 1996
Father's Name: Md Ear Hossain
Mother's Name: Belatunnesa

NID No: 8213838477 Hobbies: Traveling, Photography, Research, Painting, Reading Books.

Marital Status: Single Permanent Address: VILL: Kodal Kata, PO: Pak-Gazipur, PS: Bangora

-Bazar, Cumilla, Bangladesh

# & REFERENCE

# Prof. Dr. M. Shamsul Alam

Dean & Professor,

Dept. of Electrical and Electronic Engineering

Daffodil International University Contact no.: +88 01713109917

Email: deanfe@daffodilvarsity.edu.bd

#### Dr. Md. Rezwanul Ahsan

Associate Professor & Head,

Dept. of Electrical and Electronic Engineering

Daffodil International University Contact no.: +88 01712-599409 Email: <u>ahsan.eee@diu.edu.bd</u>

Declaration: - I hereby affirm that all the above information and statements made by me are correct and true. I understand that any inaccuracy or false information will render my application invalid.

Signature