

Md. Sabbir Hossain Suny
Scientific Officer(Electronics)
Bangladesh Institute of Nuclear Agriculture
(BINA), BAU Campus, Mymensingh-2202
Phone: +88-01703992199, +88-01685360791
Email: sabbirhossainsuny@gmail.com
sh_suny@bina.gov.bd



EDUCATIONAL BACKGROUND

♦ B.Sc. Engineering

Institution name : Jatiya Kabi Kazi Nazrul Islam University
Department : Electrical & Electronic Engineering
Result : CGPA 3.86 (Scale of 4.00)
Passing year : 2019
Session : 2014-15

♦ Higher Secondary Certificate (HSC)

Institution name : Uttara High School and College
Major : Science
Board : Dhaka
Result : GPA 5.00 (Scale of 5.00)
Year of Completion : 2013

♦ Secondary School Certificate (SSC)

Institution name : Uttarkhan Collegiate School
Major : Science
Board : Dhaka
Result : GPA 5.00 (Scale of 5.00)
Year of Completion : 2011

PROFESSIONAL EXPERIENCE

- Scientific Officer (2022-Present)
Electronics and Health Physics Section
Bangladesh Institute of Nuclear Agriculture (BINA)

TECHNICAL SKILLS

- Computer Languages- Python, C/C++, SQL, HTML
- Hardware- Operation and Maintenance of Nuclear Equipment i.e. Gamma Chamber GC-500, GC-220, Neutron Moisture Meter etc. Gas Chromatography, High Performance Liquid Chromatography (HPLC), Isotope Ratio Mass Spectrometer (IRMS) etc.

- Software & Tools- **MatLab**, **Anaconda**, JUPYTER, MS office
- PCB design with **Proteus**, Modeling with **AutoCAD**

RESEARCH INTERESTS

- **Data Science, Machine Learning, Deep learning**
- **Satellite Image processing** for small object detection
- **Climate Change** Monitoring with **Remote sensing**
- **Medical Imaging** Analysis with **Artificial Intelligence**
- **Radiation** Safety Measurement and Design of **Radiation dosimeters**
- **Arduino** Based Hardware Project, **IoT** Based Smart System Designs

EXPERIENCES

- Working on Baseline study for Nuclear Activities in Bangladesh Institute of Nuclear Agriculture Premises and on the Varieties Released By BINA
- Working on the Application of Fourth Industrial Revolution in Agriculture of Bangladesh under the guidance of BINA
- Undergraduate thesis: “A Robust Lung Cancer Detection (RLCD) System in diagnosing Lung Cancer and its subtype with histopathology images.”
- Worked on the thesis “A Comparative Study of Deep Learning Algorithms in disease detection”
- Participated in “Workshop on Advance Technology (Robotics & Artificial Intelligence)”

KEY SKILLS

- Excellent Communication Skills – both written and verbal in Bengali and English.
- Fast Learning and able to cope up with new environment
- Hard working and able to organize a heavy workload with competing deadlines.
- Efficient in time management and self-motivated.

PERSONAL DETAILS

- Date of Birth : 01-04-1996
- Father's Name : Md. Rafiqul Islam
- Marital Status : Unmarried
- Nationality : Bangladeshi

- Religion : Islam
- Permanent Address : House#196, Taltola, Naddapara, DakshinKhan, Dhaka-1230
- Present Address: : Electronics Section, BINA, BAU Campus,Mymensingh-2202

REFERENCES

Dr. Sariful Haque Bhuiya

Chief Scientific Officer and Head
Electronics and Health Physics Section
Bangladesh Institute of Nuclear Agriculture
(BINA)
E-mail: <mailto:sariful@bina.gov.bd>

Bijoy Kumer Karmaker

Associate Professor
Department of
Electrical and Electronic Engineering
Jatiya Kabi Kazi Nazrul Islam University
Contact No: 01712480823
Email: bijoy_ice@jkkniu.edu.bd

Kazi Md. Shahiduzzaman

Associate Professor
Department of
Electrical and Electronic Engineering
Jatiya Kabi Kazi Nazrul Islam University
Contact No: 01715715324
Email: kazi_eee05@yahoo.com