

NAZMUS SAAD LAMIM

+880-1302067305 | nsLAMIM@hotmail.com | saad-lamim.github.io
BUET, Dhaka, Bangladesh - 1000

OBJECTIVE

Seeking research opportunities in **Wireless Communication** and related systems to explore enabling technologies and applications of next-generation networks, with the goal of advancing **communication protocols** through research and innovation. I am also interested in **Wireless Sensing** and application of **AI** in improving wireless system performance.

EDUCATION

- **Bangladesh University of Engineering and Technology** April 2019 - July 2024
BSc in Electrical and Electronic Engineering
◦ CGPA: 3.71/4.00 (3.92 in senior year)
◦ Major: Communication and Signal Processing
◦ Thesis: Joint Pilot Assignment and Pilot Power Allocation for Cell-free Massive MIMO Communications
Dhaka, Bangladesh

EXPERIENCE

- **Undergraduate Research Assistant** June 2023 - July 2024
Department of EEE, BUET
◦ Minimize channel estimation error in Cell-free Massive MIMO
Dhaka, Bangladesh
- **Engineering Intern** November 2023
Bangladesh Betar (Radio)
◦ Hands-on experience in industrial broadcasting system
Dhaka, Bangladesh

PUBLICATIONS

- [C.1] **Joint Pilot Assignment and Pilot Power Allocation to Minimize Channel Estimation Error in Cell-free Massive MIMO Communications**. Submitted in "IEEE ICTP 2025" Conference, December 18-19, 2025, Dhaka, Bangladesh

SKILLS

- **Languages:** C, C++, Python, MATLAB, System Verilog
- **Simulation:** PSPICE, Simulink, Quartus, Ansys FDTD, HFSS, AutoCAD
- **Optimization:** AMPL, Knitro
- **Hardware:** Arduino, FPGA, STM Microcontroller
- **Documentation:** Overleaf(LaTeX), MS Office, Excel

AWARDS

- **University Merit Scholarship** 2023 - 2024
Department of EEE, BUET
◦ Awarded for being top 10% of the class
- **Dean's List award** 2023 - 2024
Department of EEE, BUET
◦ Awarded for having GPA > 3.75
- **Government Board Scholarship (Talentpool)** 2010 - 2018

TEST SCORES

TOEFL iBT: 106 / 120 September 2024
Sectionwise: R-30, L-26, S-25, W-25

REFERENCES

1. **Dr. Md. Forkan Uddin**
Professor, Department of EEE
Bangladesh University of Engineering and Technology
Email: mforkanuddin@eee.buet.ac.bd
Relationship: Thesis Supervisor
2. **Dr. Mohammed Imamul Hassan Bhuiyan**
Professor, Department of EEE
Bangladesh University of Engineering and Technology
Email: imamul@eee.buet.ac.bd
Relationship: Academic Adviser