

ANTAR KUMAR BISWAS

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Education

Rajshahi University of Engineering and Technology (RUET) / B.Sc. Engg.

Rajshahi, Bangladesh

Department of Electrical and Electronic Engineering

CGPA: 3.26 / 4.0

January 2016-March 2021

BAF Shaheen College, Dhaka / Higher secondary Certificate (H.S.C)

GPA: 5.00 / 5.00

Akherjani High School, Kalukhali, Rajbari / Secondary School Certificate (S.S.C)

GPA: 5.00 / 5.00

Research Interest

- Antenna Array Beamforming, Wireless Communication, 5G Networking, Photonics, Bio-medical Engineering, Artificial Intelligence

Research Experience

Undergraduate Thesis Title: "Hollow-core anti-resonant photonics crystal fiber for low confinement loss".

March 2020 – March 2021

Thesis supervisor: Shadhon Chandra Mohonta

Ongoing research:

1. Provisional title: "On secrecy performance of mixed η - μ and Málaga RF-FSO system with variable gain relaying channel".
2. Provisional title: "Performance Analysis of Linearly Arranged Antenna Array with Robust NVL technique."

Industrial Training

Katakhali 50MW peaking power plant, Katakhali, Rajshahi June 2019 – August 2019

- Observed the machinery utilized in the power plant and learned from the individuals that worked there.

Technical Skills

Engineering software: Matlab, Arduino Uno, Proteus, Intel 8085 & 8086 Microprocessor

Programming software: MATLAB, Latex

Language: C, python

Microsoft software: Word, Excel, Powerpoint

Operating system: Windows

Standardized Test Score

Graduate Record Examination (GRE) - August 28, 2020

Overall	Verbal	Quant	Analytical Writing
308	147	161	2.5

TOEFL iBT- October 24, 2020

Overall	Reading	Listening	Speaking	Writing
82	20	26	18	18

Linguistic Proficiency

- English (Fluent working proficiency)
- Bengali (Native Language)
- Hindi (Mediocre in verbal communication)

Extracurricular Activities, awards and achievements

- Technical Scholarship from RUET, Rajshahi.
- Vice-president, Greater Faridpur students Association, RUET
- International Bridge, Call Bridge champions in Departmental competition
- Member of RUET 2015 cricket team (Runners up of 2018)

Reference

Shadhon Chandra Mohonta, Assistant Professor, Department of Electrical & Electronic Engineering, Rajshahi University of Engineering and Technology

URL: <https://www.eee.ruet.ac.bd/shadhonmohonta>

Email: shadhonmohonta@eee.ruet.ac.bd

A.S.M Badrudduza, Assistant Professor, Department of Electronics & Telecommunication Engineering, Rajshahi University of Engineering and Technology

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Alok Kumar Paul, Assistant Professor, Department of Electrical & Electronic Engineering, Rajshahi University of Engineering and Technology

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