

# ANTAR KUMAR BISWAS

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## Education

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### **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-March2021

### **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

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

## Research Experience

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Undergraduate Thesis Title: “Hollow-core anti-resonant photonics crystal fiber for low confinement loss”.  
March 2020 – March2021

Thesis supervisor: Shadhon Chandra Mohonta

### Ongoing research:

1. Provisional title: “On secrecy performance of mixed  $\eta$ - $\mu$  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

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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

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**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

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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

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

## Extracurricular Activities, awards and achievements

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- 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

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

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**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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