



# Rima Sultana

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## OBJECTIVE

Accomplished, skilled candidate with diverse knowledge of imparting knowledge in the areas of Electrical and Electronics Engineering. Keen to find a challenging position with an ambitious and exciting company where I will be able to continue to increase my work experience & develop my abilities

## EDUCATIONAL QUALIFICATIONS

### Master of Science (M.Sc. Engg.) in Electrical and Electronic Engineering

Currently Studying  
April 2019

CGPA=3.50 (Scale of 4.00) [with honors grade]

American International University–Bangladesh (AIUB), Bangladesh [www.aiub.edu]

### Bachelor of Science (B.Sc. Engg.) in Electrical and Electronic Engineering

December 2018

CGPA= 3.04 (Scale of 4.00) [with honors grade]

American International University–Bangladesh (AIUB), Bangladesh [www.aiub.edu]

### Higher Secondary Certificate (HSC)

2014

GPA: 5.00 (Scale of 5.00)

BAF Shaheen College Dhaka

### Secondary School Certificate (SSC)

2012

GPA: 5.00 (Scale of 5.00)

Milestone School & College

## RESEARCH INTERESTS

- Renewable Energy Systems
- Micro-grid, Hybrid Power System and HVDC System

## ACADEMIC AWARDS AND RECOGNITIONS

- **Science Team Member 2020**, AIUB Robotic Crew. The team participated in the most prestigious International robotics competition named University Rover Challenge (URC) in 2018 and 2019 and secured top position among all the participant Universities from Bangladesh in 2019. This competition is arranged by NASA Mars society Utah, USA.
- Became **champion and runners up** in two national-level robotics competition arranged by Bangladesh Army International University of Science & Technology, COMILLA and Leading University, SYLHET.

## WORK EXPERIENCES

- **edotco Bangladesh Co. Ltd**  
UDAY Tower, 57 & 57A, Gulshan Avenue, Dhaka 1212  
Demand & Cost Management Technology  
Employment Period: March-April 2019

## RELATED ACADEMIC THESIS AND PROJECTS

- SCADA for Substation Monitoring System
- Design and Implementation of six-wheeled Rover for MARS exploration.
- Desalination of Sea Water Using Solar System

## TECHNICAL SKILLS

- **Language:** C/C++
- **Engineering Software Package:** Matlab/Simulink, Pspice, NI Circuit Design Suite, Proteus, Microwind, ALDEC, PCB Express, Autocad, PSCAD.

## ATTENDED SEMINARS AND WORKSHOPS

- Participated in a workshop entitled with ‘Basic Intelligent Robotics’ arranged by ESAB AIUB UNIT in 2017.
- Participated Seminar based on “Under Water Acoustic Event and Sound Quality Monitoring Using Hydrophone Big Data”.
- Participated Seminar based on “Technology and Intertextual Property” organized by ACES.
- Participated Seminar based on “ Hybrid Power System Simulation Using PSCAD/EMTD Software” organized by ACES.

## REFERENCES

**Md. Saniat Rahman Zishan**  
Senior Assistant Professor  
Faculty of Engineering  
American International University–Bangladesh  
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