

# IZAZ ZUNNURAIN

Electrical Engineer (Power System & Renewable Energy)

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Dhaka, Bangladesh



## CAREER OBJECTIVE

A meticulous, focused and hardworking university-leaver who is more than able to assist seniors, staff and clients in the design, execution and evaluation of the running projects. Currently looking for a suitable position in a reputable, exciting and forward thinking organization.

## EDUCATION

B.Sc. in Electrical and Electronics Engineering

American International University-  
Bangladesh

2013 - 2017

GPA

3.57 / 4.0

## ELECTIVE COURSEWORK

Power Systems Protection -  
(94/100)

Renewable Energy  
Technology - (97/100)

## RESEARCH EXPERIENCE

Thesis

09/2016 - 04/2017

Smooth Coordination of Demand Side Management in a Smart Grid equipped with Renewable Energy Sources

- Modelling and designing of Renewable Energy sources (Solar PV, PMSG Wind Turbine, PEM Fuel cell) with their respective converters and controllers in Simulink (MATLAB)
- Modelling of the smart home appliances with integrated automated HEMS controller for Demand response (DR)

Publications

Dhaka, Bangladesh

1 IEEE International Conference: 4th International Conference on Advances in Electrical Engineering (ICAEE), 28-30 September, Dhaka

- Automated Demand Response Strategies using Home Energy Management System (HEMS) in a RES-based Smart Grid

## STRENGTHS & TRAITS

Hard working and Passionate

Patient and Consistent

Fast learner and Discerning

Strong Adeptness in Softwares

## ADDITIONAL SKILLS

Softwares

MATLAB/Simulink

AutoCAD

C/C++

PSpice

Homer Pro

Microsoft Office

MultiSim

GIS Softwares

Cadence Virtuoso

Other Skills

Public Speaking

Creative Writing

Team work

Technical Presenter

Communications

Team Organizer

Perfectionist

Professional

## HOBBIES & INTERESTS

- Research
- Movies
- Guitar
- Soccer
- Automobiles
- Servicing
- Cycling
- Swimming
- Gymnasium

## LANGUAGES

Bengali

Native



English

Proficient



# PERSONAL INFORMATION

<b>Date of Birth</b> 08 - February - 1994	<b>Blood Group</b> O (+) Positive	<b>Religion</b> Islam
<b>Nationality</b> Bangladeshi	<b>Martial Status</b> Single	<b>Gender</b> Male

# PARENTS

<b>Father</b> <b>Muhammad Abu Taher</b> Senior Teacher Ispahani Public School & College Phone: +88-01817204323	<b>Mother</b> <b>Manowara Shaheen</b> Housewife Phone: +88-01753775510
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# ADDRESS

<b>Present Address</b> <b>Residence</b> Oli Villa, 24, Zakir Hossain Road, East Nasirabad, Chittagong-4225	<b>Permanent Address</b> <b>Village</b> Ichamati, Talukder Bari, Ward No. 09, Rangunia, Chittagong
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# REFERENCES

<b>Engr. Md. Noorul Karim</b> Chief Engineer (Retired), Bangladesh Power Development Board (BPDB) Vice Chairman & Life Fellow, The Institution of Engineers, Bangladesh (IEB), Chittagong Phone: +88-01756974858, E-mail: mnkarimnew@gmail.com	<b>Md. Nasimul Islam Maruf</b> Assistant Professor, Department of EEE, American International University-Bangladesh (AIUB) Co-founder, Light of Hope Phone: +88-01717061721, E-mail: mnimaruf@aiub.edu
<b>Fariah Sharmeen Akbar</b> Chairman & Principal Architect Proprietor, Arquitectura Design Studio Phone: +88-01911773500, E-mail: fariah@arquitecturabd.com	