

## M. SAIFUL ALAM CHOWDHURY

B. Sc. In Electrical & Electronic Engineering

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### PROFESSIONAL GOAL

To obtain a challenging position in a constructive work environment where my resourceful experience, technical skills, and academic knowledge will add value to organizational operations.

### WORK HISTORY

- **Designation:** Assistant Officer (Maintenance Department)  
**Duration:** November 2017 – Present.  
**Organization:** Young One Bangladesh.  
**Job Details:** Working in the various field of this new factory.
  - New 11000/415 V substation setup and maintenance work.
  - 2,500 KVA Diesel generator installation.
  - Boiler, Heater commissioning work.
  - Dyeing, Finishing, Knitting Machine Setup, maintenance work.
  - AC Drive installation.
  - Motor connection, controlling.
  - Machinery mechanical work.
  - Solar Panel installation, Fire safety work.
  - Maintenance and set up work of Compressor, Condenser, Flowmeter, HVAC, IPS, UPS etc.
  - Electrical interface and layout design using AutoCAD.
  - Preparing the BOQ (Bill of Quantities), purchase materials.

#### **Research Work: Thesis Title: Implantable LC Passive Resonance Based Therapeutic Device for the Treatment of Neural Disorder of Renal (Urinary Bladder) System Failure.**

**Supervisor:** Saiful Islam Khan; Lecturer, American International University- Bangladesh (AIUB), Dhaka. E-mail: saifk28@gmail.com

This project was focused on solving the urinary disorder problems. There are many possibilities that can be achieved through further research and development with this prototype. In this project, it was pieced together a small FES device attached with resonant circuit with passive sensor unit to treat the patient who suffers from poor control of urination like urinary tract infection, overactive bladder, urine retention etc. By using this operation various types of sensor like pressure sensor, RFID tag etc. and stroke device can be made.

**Industrial Tour:** Chandpur 150 MW combined cycle power plant.

## SKILLS

**Leadership Skill:** Team Leadership, Project Management, Planning and execution of routine Maintenance.

**Computer Skill:** Microsoft Office Suite (Word, Excel, Power Point), PCB (Printed Circuit Board) Design, Auto CAD.

**Technical Skill:** AC Drive Installation, Switchgear and protection system, Machinery Electrical and mechanical maintenance work.

## EDUCATION

February, 2016                      **B.Sc. in Electrical and Electronic Engineering**  
**From** American International University- Bangladesh (AIUB)  
**CGPA:** 3.40 (scale of 4.00)

July, 2011                              **H.S.C (Higher Secondary Certificate)**  
**From** Government City College, Chittagong.  
**GPA:** 4.30 (scale of 5.00)

May, 2009                              **S.S.C (Secondary School Certificate) in 2009**  
**From** Anwara Model High School, Chittagong.  
**GPA:** 5.00 (scale of 5.00)

\* Government Scholarship in Junior School Certificate Exam.

## LANGUAGES

- English- Fluent in both oral and written.
- Bengali- Native Language

## INTERESTS

- I like to read books (Story, Novels, History etc.) when I get free times.
- I am fond of travelling also.
- Playing games (cricket, football, badminton) etc.

## REFERENCES

Name: Nazim Uddin  
Organization: Chittagong WASA  
Designation: Assistant Secretary  
Phone: 01716-819179

Name: Dr. Md. Abdul Mannan  
Organization: American International University-  
Bangladesh (AIUB)  
Designation: Head, Faculty Of Engineering  
E-mail: mdmannan@aiub.edu