



CURRICULLAM VITAE OF
Sheikh Tawfique Elahi

Electrical Engineer
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Career Objective

Enthusiastic and motivated individual with Bachelor's degree with honors in Electrical Engineering seeks admission into Master's program to advance technical expertise.

Skills

Computer Skill

MATLAB and SIMULINK, Microsoft office, C++, HTML

Language Skill

Sound ability in reading, writing, speaking and understanding in both Bengali (Native) and English.

Fair understanding and speaking ability in both Hindi and Urdu.

Language Certification

IELTS Band 6.5

Experiences

July 28, 2020 to Present

Founder and Technical In-charge

at PanchaRupa

- Designing and Developing Machineries
- Operation and Maintenance
- Strategy and planning
- Generating revenue earning campaigns
- Leading teams

Started this small venture during the lockdown due to the Covid-19 pandemic. PanchaRupa is a producer of special tea, to be more specified, Green and Golden tea. Purchasing best quality hand plucked tea leaves from the organic tea gardens of Panchagarh, Bangladesh. It's really challenging to negotiate with the growers and buyers, also to lead a team of 10-12 members.

June 15, 2019 to August 13, 2019

Intern

at United Shakti Limited

- Learned about electrical protection equipment business in Bangladesh
- Observed production of transformers and switch gears

During the two-month internship, learned about the marketing channel of transformer business here in Bangladesh. United Shakti Limited have accomplished several local big projects, while working there, I got the chance to witness some of the projects. They produce more than 200 transformers of different ranges. Also observed the production of different high- and low-tension switch gears.

June 24, 2018 to July 22, 2018

Intern

at **Summit Power Limited**

- Worked as an intern at all the departments of Summit Narayanganj Power Plant

The 28-day internship at Summit Narayanganj Power Plant is the starting of my professional career which taught me the professional etiquette. Leaned to work in a professional environment in one of the leading power generating companies of the county. Working in the operation department was so fascinating. Controlling six 17 megawatt engines was something very exciting. Also, while working in the mechanical maintenance department, I was fortunate to observe a 36,000-hour maintenance of an engine which added a ton of experience.

Publications

Sheikh Tawfique Elahi, Zaheeruddin Ansari, Syed Mohd Saad, M Saad Bin Arif* “***State flow Realization and Performance Evaluation of Selected MPPT techniques***” ICRP 2020 at BGSB University, Rajouri, J&K, India. ([Best Paper Award](#))

Final Year Project

Design and Implementation of an improved Maximum Power Point Tracking Technique (MPPT) for Solar PV module.

In this project, selected MPPT techniques such as P&O (Perturb and observe), INC (Incremental conductance), FOCV (Fractional open circuit voltage), FSCC (Fractional short circuit current) has been implemented using state flow technique, the performance of the system has been evaluated under the varying condition and obtained satisfactory results. In the project, implemented conventional MPPT technique FSCC and Bat algorithm have been implemented. After that, a comparative study between the existing conventional methods and implemented technique on the basis of different parameters has been done.

Activities

Observer

Visited Narora Atomic Power Station, Bulandshahar, Narora, Uttar Pradesh, India on the 6th of March, 2018. It was an observation cum training visit of the students guided by the Professors of Department of Electrical Engineering, Aligarh Muslim University.

Co Presenter

Case Study on “WHY NOT CO EDUCATION”
International Convention on Students’ Quality Control Circles [ICSQCC],
City Montessori School, Lucknow, India, November 2013.

Achievements

Indian Council for Cultural Relation (ICCR) Scholarship

Session: 2016-17

Full funded scholarship for the under graduate course in Aligarh Muslim University.

Educational Qualifications

Bachelor of Technology

Department of Electrical Engineering
Aligarh Muslim University, Uttar Pradesh, India
Enrollment: August, 2016
Pass out: September, 2020
Duration of course: 4 years
Result: CPI **6.94** out of **10**

Higher Secondary Certificate

Board: Dhaka Discipline: Science
Institute: Birsreshtha Noor Mohammad Public
College, Peelkhana, Dhaka, Bangladesh
Passing Year: 2015
Result: GPA **4.83** out of **5.00**

Secondary School Certificate

Board: Dinajpur Discipline: Science
Institute: Panchagarh BP Government High School,
Panchagarh, Bangladesh
Passing year: 2013
Result: GPA **5.00** out of **5.00**

Personal Information

Fathers' name : Sheikh Nasirul Kader
Mothers' name : Mosammat Tawzia Shamim Akhter Zahan
Date of birth : December 31, 1997
Gender : Male
Nationality: : Bangladeshi
Religion : Islam
Marital status : Unmarried

Hobbies and Interests

Travelling, watching movies, listening songs, watching YouTube videos, riding bikes and cars.

Contact Information

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References

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