

TAMJID ALAM SIUM

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SUMMARY

- ❖ **Showcased problem-solving, analytical, and teamwork skills:** Analyzed production processes, oversaw maintenance, and supervised production teams to ensure smooth operations.
- ❖ **Completed electrical training:** Gained valuable knowledge from TICI enhancing proficiency in electrical and mechanical systems.
- ❖ **Led teams and excelled in presentations:** Demonstrated leadership abilities by leading teams in thesis and departmental projects, and actively participating in competitions.
- ❖ **Engaged in impactful extracurricular activities:** Actively involved in student association, including skill development and voluntary organizations, held senior levels, and successfully organized several events.

PROFESSIONAL EXPERIENCE

Barishal Technocrats Polytechnic Institute Instructor (Electrical) Shamim Tower, C&B Road,Barishal	March 2023 – June 2024
Institute of Science Trade and Technology Lecturer Plot 1/9, Block D, Section 15, Mirpur, Dhaka	October 2024 – Till Now

TRAINING

Training Institute for Chemical Industries (TICI) Industrial Technology on Electrical Engineering and Instrumentation Polash, Narsinghi Final grade: A+ <ul style="list-style-type: none">This industrial training focused on several mechanical systems, such as, Electrical safety Electrical Switching and protective device Electrical maintenance tools Electrical testing & measuring instrument Transformer Power Generation & Control Technique Substation & Distribution system Parallel operation of generators Power factor improvement plant Lubricants & lubrication Boiler & Steam System Turbines Transmitter Programmable Logic Control (PLC) Bearing Introduction to Industry Safety Cooling tower etc.	9 May 2022 – 29 May 2022
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EDUCATION

M. Sc. in Nuclear Power Engineering Bangladesh University of Engineering & Technology CGPA: TBD <i>Date of Result Published: TBD</i>
B. Sc. in Electrical and Electronics Engineering Mymensingh Engineering College (affiliated with University of Dhaka) CGPA: 3.10 (Out of 4.00) <i>Date of Result Published: 1January, 2023</i>
HSC (2016) Govt. Syed Hatem Ali College,Barishal GPA: 5.00
SSC (2014) Udayan Secondary School, Barishal GPA: 5.00

THESIS

Enhancement of Binary Cycle Geothermal Power Plant by Using Therminol 66 as a heat conductor and its prospect in Bangladesh

Software used: COMSOL Multiphysics

EXTRA CURRICULUM ACTIVITIES

1. **Sanjibon**, Mymensingh Engineering College Unit | Vice President| (2020-2021)
A voluntary organization aim at helping society through various activity like blood donation, tree plantation, winter cloth donation, child marriage, women's education ect.
2. **Bangladesh Physics Olympiad** | Volunteer (2015)
3. **Bangladesh Read Crescent Society**, Udayan Secondary School Unit | Member (2010-2013)

EVENTS & ACHIEVEMENTS

- 🏆 Primary Scholarship (General Pool) in 2008
- 🏆 Board Scholarship (General Pool) in 2016
- 🏆 Quiz Contest arranged by District Administration, Mymensingh 2020 - 2nd Runner up
- 🏆 Quiz Contest arranged by Mymensingh City Corporation 2020 - 2nd Runner up
- 🏆 Bangladesh Earth Olympiad, Barishal Divisional Round in 2013 -4th Runner up
- 🏆 Bangladesh Physics Olympiad, Barishal Divisional Round in 2013- 1st Runner up

INTERESTS

Renewable Energy | Electrical Machines | Advance Power System | Tech-Edu | Leadership

TECHNICAL SKILLS

- PSpice
- MATLAB
- COMSOL Multiphysics
- Electrical Machine
- Electrical Tools
- Microsoft Office (Word, PowerPoint, Excel)

INTERPERSONAL SKILLS

Team work | Public speaking | Project Management | Problem Solving | Leadership | Communication | Work Under Pressure

LANGUAGE SKILL

English | Level: Advanced

Bengali | Native

REFERENCES

Md Salah Uddin

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Department of Electrical and Electronic Engineering,
Mymensingh Engineering College
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A.B.M Ziaul Huq

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