

CURRICULAM VITAE

CONTACT and MAILING ADDRESS

Pranab Chowdhury

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ABOUT

- Knowledge on TPM, TQM, 5S, KAIZEN, Waste, Seven Waste, Poka Yoke, Jidoka, Inventory, Kanban, Two Bin System, Cellular Manufacturing(Lean Manufacturing Techniques), KPI, Data Analysis (Excel+PowerBI), AutoCAD, BNBC, NFPA.
- In Transcom Beverages Limited (PepsiCo Bangladesh), lead a team of 13 person (2 Senior Shift Engineer, 3 Sub-station Operator and 8 Electrical Technicians). Lead the three Beverage PET Line (One Krones Beverages Line, Two Tech long Beverages Line), One Glass Bottle Beverages Line. Also lead 6.2 MW Substation and Utility Operation.
- Specialization on Transcom Beverages Limited (PepsiCo Bangladesh) (AIBI [American Institute of Bakers International], QAS [Quality Audit System], and FSSC [Food Safety System Certification] Audit).

❖ Top Skills

Electrical Troubleshooting	Visionary Mindset	Instrumentation
Supply Chain Management	Project Management	Value addition as needed
Organizational Leadership	Strategic Planning	Preventive Maintenance
Analytical Thinking as needed	Utilities Maintenance	Documentation
Research and Development	Food Safety Audit	Proactive Maintenance

PROJECT ACHIEVEMENTS

- Initiation, planning, installation and execution of Lightning Protection System (Three ESEAT LPS) in TBL CTG Plant.
- Schneider Drive (315kW) installed with the help of OEM at Line-03 High Pressure Compressor (Bellis & Morcom).
- To evaluate the total power requirement scenario on TBL CTG Plant, this year we implemented Energy Monitoring System[EMS]. This EMS helps us to understand what is going on power requirement scenario, also we can easily calculate the instantaneous value and also total summarize value.

JOB EXPERIENCE (10+ Years Experience)

Transcom Beverages Limited (PepsiCo Bangladesh)

- ❖ Duration: 1st January, 2022 to Continue

Assigned Position: **Sr. Engineer (Electrical)**

[Technical Expert-11KV sub-station (Operation & Maintenance)].

- ❖ Duration: 1st November, 2014 to 31st December, 2022

Assigned Position: **Shift Engineer (Electrical)**

Major Responsibilities:

1. Effectively work on trouble in a Process Line (PET and GRB) and Utility (Chiller, CO2 Plant, Boiler, Compressor) with minimum breakdown time.
2. Handle different project on the Factory depends upon requirement as per PepsiCo standard.
3. Have the Long-time experience on PLC (S7 200 and S7 300/400) and Drive (AC, DC, Servo, Soft starter) troubleshooting.
4. Lead the Factory Electrical Safety and Annual maintenance of the Plant.
5. Technical store management through a proper link between the planned maintenance activities and the required

spare parts.

6. Oversee regular maintenance, servicing, and testing of Diesel Generators and associated equipment.

7. Lead maintenance activities of 6.2 MW Sub-station in a planned and optimized way considering all the potential constraints, like: Safety Measures, available manpower, production schedule, severity of potential failure, food safety and spare parts.

INDUSTRIAL TRAINING SUMMARY

- 230 KV/132 KV PGCB Step Down Grid Substation Operation [Year 2025].
- 15.75 KV/132 KV Step Up Substation Operation [150 MW Peaking Power Plant – Year 2025].
- 15.75 KV/230 KV and 10.5 KV/230 KV Substation Operation [225 MW CC Power Plant – Year 2025].
- Industrial Automation and PLC (Inverter, S7 200 and S7 300 PLC) [Uterior Engineering LTD – Year 2023].
- Industrial Productivity and Efficiency [AOTS Japan Society – Year 2019].
- Online UPS [Socomec – Year 2019].
- Career Goal setting, Corporate Protocol and Etiquette, Work ethics, Leadership [Dynamic Developers– Year 2018].
- Battery Manufacturing Process and Information Technology [Rahimafrooz Batteries Limited – Year 2012].
- Low Frequency Transformer Manufacturing [General Electric Manufacturing Company Ltd – Year 2012].
- Power Plant Operation [Chittagong Thermal Power Plant – Year 2012].
- 400 KV/230 KV GIS Grid Substation Operation [Modunaghat Substation – Year 2012].

EDUCATIONAL QUALIFICATION

B. Sc. Engineering	University	University of Science & Technology Chittagong (USTC)
	Year of Passing	2017
	Department	Electrical and Electronic Engineering
	Grade Obtained	3.46 (out of 4.00)
Diploma in Engineering	College	Bangladesh Sweden Polytechnic Institute (BSPI)
	Year of Passing	2012
	Department	Electrical Technology
	Grade Obtained	3.63 (out of 4.00)
SSC	School	Charkanai High School
	Year of Passing	2008
	Department	Science
	Grade Obtained	5.00 (out of 5.00)

REFERENCE

Prof. Dr. Mahmood Abdul Matin Bhuiyan Vice Chancellor Chittagong University of Engineering and Technology Telephone: +880-031-714912 Email: vc@cuet.ac.bd	Prof. Dr. Nur Mohammad Head Department of Electrical & Electronic Engineering Telephone: +880-031-714952 Email: nur.mohammad@cuet.ac.bd
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DECLARATION

I hereby declare that all the details given above are true to the best of my knowledge and belief.



Date: 28th August, 2025

(Pranab Chowdhury)

