

MD JISHNA JIDAN MARUF

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TECHNICAL SKILLS

Programming Languages: Python, C++, MATLAB, etc.

Tools: PyroSim, AutoCAD, SolidWorks, MATLAB, etc.

Hard skills: Rac, etc.

PROFESSIONAL EXPERIENCE

Pioneers Knitwears Bd LTD.

Procurement Officer

September 2024 – October 2025

Uttar Badda, Dhaka

- Purchasing goods and quality management

PROJECTS

Orifice

Own

- Designed and fabricated an orifice plate for flow measurement.
- Calculated flow rate using Bernoulli's equation.
- Measured pressure drop across the plate.
- Analyzed discharge coefficient and flow characteristics.

Fire Safety

Own

- Analyzed fire growth and sprinkler activation behavior in a shopping mall scenario.
- Studied heat release rate, temperature distribution, and smoke movement.
- Evaluated effectiveness of sprinkler system in controlling fire spread.
- Assessed fire suppression performance based on safety standards.

EDUCATION

Bangladesh Army University of Science and Technology

2019 - 2024

Bachelor of Science in Mechanical Engineering (BSc in ME)

Saidpur, Bangladesh

Saidpur Government Science College

2005 - 2017

Secondary School Certificate (SSC), Higher Secondary School Certificate (HSC)

Nilphamary, Bangladesh