

MD JISHNA JIDAN MARUF

(880) 1710-432 125 MD Jishna Jidan Maruf [ijidanmaruf](#) jidanmaruf49@gmail.com

TECHNICAL SKILLS

Programming Languages: Python, C++, MATLAB, etc.
Tools: PyroSim, AutoCAD, SolidWorks, MATLAB, etc.
Hard skills: Rac, etc.

PROFESSIONAL EXPERIENCE

Academic Instructor <i>Part-time Tutor</i>	January 2022 – May 2024 Saidpur, Bangladesh
<ul style="list-style-type: none">• Provide one-on-one and group tutoring in English and Mathematics to improve understanding and academic performance.• Develop customized lesson plans, exercises, and practice materials based on student needs.• Assess student progress and give constructive feedback to enhance learning outcomes.• Guide students in developing effective study habits and exam strategies.	
Pioneers Knitwears Bd LTD. <i>Procurement Officer</i>	September 2024 – October 2025 Uttar Badda, Dhaka
<ul style="list-style-type: none">• Purchasing goods and quality management	

PROJECTS

Orifice	Own
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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.	

CO-CURRICULAR ACTIVITIES

	Sports and Cultural Activities
<ul style="list-style-type: none">• Participated in university sports events and competitions.• Engaged in cultural programs and technical workshops.	
	Leadership and Volunteering
<ul style="list-style-type: none">• Volunteered in community service initiatives.• Assisted in organizing technical seminars and workshops.	

EDUCATION

Bangladesh Army University of Science and Technology <i>Bachelor of Science in Mechanical Engineering (BSc in ME)</i>	2019 - 2024 Saidpur, Bangladesh
Saidpur Government Science College <i>Secondary School Certificate (SSC), Higher Secondary School Certificate (HSC)</i>	2005 - 2017 Nilphamary, Bangladesh