



CURRICULAM-VITAE

Contact Information

RASEL MAHMUD

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Objective

To succeed in an environment of growth and excellence in the professional & challenging field of Mechanical & Industrial Engineering, Design and analysis of machines and most of all, to become a skilled and dedicated engineer in near future. Searching for a desirable opportunity with which I will have the scope in utilizing my skills and potentiality to do something innovative for the benefit of mankind and the society as well and from which I will be able to enhance my knowledge and efficiency.

Educational Qualifications

<u>2012 – 2016:</u>	B.Sc. in Mechanical Engineering Department of Mechanical and Production Engineering Ahsanullah University of Science and Technology, Tejgaon, Dhaka CGPA: 2.712 out of maximum 4.00
<u>2009 - 2011:</u>	Higher Secondary Certificate (HSC) Narsingdi Govt. College, Narsingdi GPA: 4.90 out of maximum 5.00
<u>2007 – 2009:</u>	Secondary School Certificate (SSC) Brahmondi K.K.M. Govt. High School, Narsingdi GPA: 4.75 out of maximum 5.00

Major Academic Courses & Topics

- Thermal Engineering, Heat & Mass Transfer, Power Plant Engineering
- Refrigeration & Building Mechanical System, Thermodynamics
- Engineering Mechanics (Statics & Dynamics), Fluid Mechanics, Fluid Machinery, Solid Mechanics, Numerical Analysis & Statistics
- Machine Design, CAD, Manual Drawing, Engineering Materials, Manufacturing Process (Traditional & Modern)
- Automobile Engineering, Aerodynamics, Mechatronics, Control Engineering
- Basic Electrical Circuits, Analog & Digital Electronics, Electrical Machines
- Engineering Economy, Production Planning & Control, Industrial Chemistry, Accounting, Industrial Law & Safety Management, Sociology & Ethics

B.Sc. Engineering Thesis & Project

Thesis Title: Analysis of Produced Gas by the Gasification of Different Solid Biofuels (Rice Husk, Wood Chips and Bagasse)

Project Title: Fabrication and Testing of Rice Husk Gasifier Stove

Computer Based Skills

Operating Systems	: Microsoft Windows XP, 7, 8.1, 10
CAD Software	: SolidWorks (Excellent), AutoCAD (Moderate)
Programming Language	: C Programming
Simulation Software	: MATLAB
Application Software	: Microsoft Office (Word, Excel, PowerPoint)
Multimedia Software	: Adobe Photoshop CS6, Sony Vegas Pro 12

Language Proficiency

Can speak, read and write both Bangla & English very efficiently.

Personal Traits

- Hard Working and Patient
- Creative, Logical & Problem Solving Ability
- Co-operative and keen observer
- Personal computer troubleshooting

Notable Workshops

Participated at:

- Industrial tour at Bangladesh Industrial and Technical Assistance Center (BITAC), Tejgaon Industrial Area, Dhaka 1208 (June 2013)
- Industrial visit at Rangs Workshop Limited, Dhaka 1208 (August 2015)
- Industrial tour at Pragoti Industries Limited (PIL) factory, Barabkund, Sitakund, Chittagong. (January 2016)
- Industrial tour at Galfra-Habib Limited, Barabkund, Sitakund, Chittagong. (January 2016)
- Industrial tour at Eastern Refinery Limited (ERL), North Patenga, Airport Road, Chittagong 4204 (January 2016)
- Industrial tour at General Electric Manufacturing Company Limited (GEMCO), North Patenga, Airport Road, Chittagong 4204 (January 2016)
- Industrial tour at Aftab Automobiles Limited Assembly Plant, Fouzderhat Heavy Industrial Estate, Chittagong (January 2016)

Training Certificates:

1. Certificate on ISO/IEC 17025:2017 General Requirements for the competence of testing and calibration laboratories

2. Certificate on ISO 14644 (Part 1,2, & 3) Cleanrooms & Associated Controlled Environments- Classification of Air Cleanliness by Particle Concentration

Job Experience

20/07/2017 to 14/04/2018

Mechanical Engineer
Snowtex Outerwear Ltd.
Dhamrai, Savar, Dhaka, Bangladesh

Responsibilities

1. Maintenance of Sewing Machine
2. Maintenance of Utility Section

15/04/2018 to Present

Executive, Engineering
JMI Syringes & Medical Devices Ltd.
Rajendrapur, Chauddagam, Cumilla, Bangladesh

Responsibilities:

1. Responsible Engineering Documentation
2. Preparing of Standard Operating Procedure (SOP)
3. Responsible for Installation Qualification (IQ), Operational Qualification (OQ), Performance Qualification (PQ) of Machineries
4. Responsible for Cleanroom Validation

5. Responsible for in house Calibration of Controlled Instruments
6. Responsible for Master Maintenance Plan
7. Responsible for Monthly Electricity Consumption Report

Personal Interests

Music, Playing Guitar, Badminton, Football, Cricket, Cycling, Carom, Latest Technologies, PC Building, Gaming, Automobile etc.

Personal Information

Father's Name: Ahammed Hossain

Mother's Name: Shahina Begum

Date of Birth: 01/12/1994

Nationality: Bangladeshi

NID: 19946816430000031

Religion: Islam

Blood Group: B⁺

Permanent Address

Village: Battali

PO: Battali

PS: Raypura

District: Narsingdi

Post Code: 1600

References

Dr. Dewan Hasan Ahmed

Professor

Department of Mechanical & Production Engineering

Ahsanullah University of Science & Technology

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Md. Abdul Momin

Manager

Department of Engineering

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Declaration of Authenticity

I do hereby declare that all information presented above is true to my knowledge. If required and where applicable, this information can be supported by appropriate authentic certificates.