

SAKIB HASAN JEEBON

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EDUCATION

M.Sc. In Chemical Engineering Bangladesh University of Engineering and Technology, Dhaka	CGPA: 3.33 / 4.00 Apr 2021 – Mar 2024
B.Sc. In Chemical Engineering and Polymer Science Shahjalal University of Science and Technology, Sylhet	CGPA: 3.33 / 4.00 Jan 2016 - Feb 2021
B.Sc. 2 nd Major in Computer Science & Engineering Shahjalal University of Science and Technology, Sylhet	CGPA: 3.37 / 4.00 Jan 2017 - Nov 2019

RESEARCH EXPERIENCE

Graduate Thesis on “**Optimizing Biogas Production from Distillery Spent-wash using different Inoculums and Substrates.**“

Supervised by [Dr. Shoeb Ahmed](#)

Undergraduate Thesis on “**Photocatalytic Degradation of Methylene Blue Dye Using ZnO-Carbon Based Composites**“

Supervised by [Dr. Mohammed Mastabur Rahman](#)

ADDITIONAL CERTIFICATIONS

- **Certified Energy Manager** by the Sustainable and Renewable Energy Development Authority (SREDA), specializing in optimizing energy production and consumption for energy-intensive industries.
- **LDC Roster of Experts on National Adaptation Plans (NAPs)** by UNFCCC, contributing to climate-resilient strategies and policy advisory,
- **Climate Action Training (CAT)** developed by the UN Fashion Industry Charter for Greenhouse Gas (GHG) Mitigation.
- **Successful Negotiation: Essential Strategies and Skills** from University of Michigan
- **Using Python for Research** from Harvard University
- **Introduction to Thermodynamics: Transferring Energy from Here to There** from University of Michigan

STANDARDIZED TEST SCORES

Graduate Record Examination (GRE) - March 09, 2023

Total	Quantitative	Verbal	Analytical
310	160	150	3

Test of English as a Foreign Language (TOEFL iBT) - June 04, 2023

Total	Reading	Listening	Speaking	Writing
89	25	24	21	19

WORK EXPERIENCE (4 Years)

Intelligent Resources International (IRI) Limited, Bangladesh.

Head of Client Relations and Training Jan 2024 to Present

- Spearheaded sustainability service strategy, branding, and stakeholder alignment.
- Conducted 20+ stakeholder sessions.
- Launched 3 new services, growing user base 25%.

Engineering Resources International (ERI) Limited, Bangladesh.

Manager – Technical Integration & Training July 2023 to December 2023

- Developed the **ESG module** and scoring mechanism for the RTIS platform.
- Onboarded 30+ factories; trained 200+ professionals across South Asia.

RTIS Integration Lead July 2022 to June 2023

- Built predictive models; reduced waste and improved operational KPIs.
- Ensured data integration across 60+ factories for real-time monitoring.

Engineer - Sustainable Development Engineering May 2021 to June 2022

- Performed 80+ energy audits, 40+ chemical assessments, 15+ ETP evaluations.
- Supported 40+ factories under BESTSELLER, achieving significant resource savings

INDUSTRIAL TRAINING & WORKSHOP

Industrial Process Unit Operation and Process Control Technique (3 weeks)

Training Institute for Chemical Industries (TICI), Palash, Narshingdi, Bangladesh

Process Safety Engineering: Plant Personnel and Business (1 Day)

Department of Chemical Engineering and Polymer Science - SUST, Sylhet, Bangladesh

SKILLS

- | | |
|---------------|---|
| • Office-365 | • Python, C, MATLAB, GitHub, Docker |
| • Aspen HYSYS | • Adobe Software (Photoshop, Premiere Pro, Illustrator) |

REFERENCES

Dr. Shoeb Ahmed

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Dr. Mohammed Mastabur Rahman

Professor, Department of Chemical Engineering and Polymer Science, SUST

Email: mrahman-cep@sust.edu

S.M. Rafi

Chief Technology Officer, Intelligent Resources International (IRI) Ltd.

Email: rafi@iribd.com