

Mohammad Mazharul Islam

Lecturer

Department of Chemical Engineering
BUET, Dhaka-1000

E-mail: mazhar_che@che.buet.ac.bd, shahed_080305@yahoo.com, shahed080305@gmail.com

Mobile: +8801718558915

Phone: 880 2 966 5650 (PABX)

FAX: 880 2 861 3026, 880 2 861 3046

Degree Pursuing:

MSc in Chemical Engineering

BUET, Dhaka-1000

Degree earned:

BSc in Chemical Engineering

First class First with Gold Medal

October 2009

BUET, Dhaka-1000

Research and Publications:

1. **Islam, M. M.**, J. Uddin and M. A. A. S. Choudhury, “*Simulation of an Industrial Scale Ammonia Plant Using HYSYS*”, Presented at Conference on Engineering Research, Innovation and Education(CERIE-2010), SUST, Bangladesh

Postgraduate thesis:

"Quantification of System Nonlinearity using Time- series based measures"

Under the supervision of

[Dr. M A A Shoukat Choudhury](#)

Associate Professor

Department of Chemical Engineering

BUET, Dhaka-1000

Undergraduate thesis:

“Simulation of an industrial scale ammonia plant using HYSYS”

Under the supervision of

[Dr. M A A Shoukat Choudhury](#)

Assistant Professor

Department of Chemical Engineering

BUET, Dhaka-1000

Industrial Attachments:

1. 15 days industrial training at Jamuna Fertilizer Company Limited, the largest Ammonia-Urea complex under BCIC

Technical Skill:

Proficient in Windows and Linux Operating Systems.

Worked with High-level programming languages like ForTran, Matlab and Python.

Carried out simulation works in OrCAD, Simulink, HYSYS and Aspen

Performed Process Optimization in GPROMS, GAMS, Matlab and Excel.

Worked on Energy Star Rating, Higher Order Statistics, Process Nonlinearity and Computer Aided Design.

Awards:

- Dr. Ali Karim Gold Medal, BUET, 2011
- Mitsubishi Corporation International Scholarship, Mitsubishi Corporation, 2009
- Belayet and Salima Ch. Scholarship, BUET, 2008
- Dean's List Award, Engineering Faculty, BUET for four consecutive years (2006, 2007, 2008, 2009)
- Talentpool Scholarships, Junior Scholarship Examination, SSC and HSC, Bangladesh Board of Intermediate and Secondary Education, Dhaka