

SHEIKH FARHAN AHMED

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CURRICULUM VITAE

Objective

I want to establish myself as an efficient and successful engineer as well as a researcher in the field of Mechanical Engineering.

Educational Qualifications

Name of Exam & Session	Name of the Institution	Major	University/ Board
M.Sc. Engineering (2010)	Bangladesh University Of Engineering and Technology (BUET)	Mechanical Engineering (Thermal Engineering and Phase Change Heat Transfer)	Bangladesh University of Engineering and Technology (BUET)
B.Sc. Engineering (2008)	Bangladesh University Of Engineering and Technology (BUET)	Mechanical Engineering	Bangladesh University of Engineering and Technology (BUET)
HSC (2002)	Notre Dame College, Dhaka	Science	Dhaka
SSC (2000)	Rifles Public School and College, Dhaka	Science	Dhaka

Job Experience

- Presently (22/05/2011 to date) working as an Assistant Professor in the Department of Mechanical Engineering, Bangladesh University of Engineering and Technology (BUET), Dhaka
- Previously (October 2008 to May 2011) worked as a Lecturer in the Department of Mechanical Engineering, Bangladesh University of Engineering and Technology (BUET)
- Working as a part time lecturer in the Department of Mechanical and Production Engineering, Ahsanullah University of Science and Technology, Dhaka

Training Experience

- 3 weeks industrial attachment in **Eastern Refinery Limited, Chittagong**
- Professional Training in Teaching through **Teachers' Appreciation Workshop**, Directorate of Continuing Education (DCE), BUET
- Professional short course on **Dredging, International and Domestic**, through Directorate of Continuing Education (DCE), BUET

Achievements:

- **DEAN LIST SCHOLARSHIP** in all the curriculum years of undergraduate studies
- **MERIT SCHOLARSHIP** in all semesters of undergraduate studies
- **GOVERNMENT TECHNICAL SCHOLARSHIP** in all semesters of undergraduate studies
- **GOVERNMENT PRIMARY AND JUNIOR SCHOLARSHIP**

Professional Membership

- Member, BUET Alumni Association (BUETAA)
- Member, Bangladesh Society of Mechanical Engineers (BSME)
- Member, Bureau of Research, Testing and Consultation, Mechanical Engineering Department Group, Bangladesh University of Engineering and Technology (BUET)
- Member, Institution of Engineers, Bangladesh (IEB)
- Member, BUET Teachers' Association (BUETTA)

Thesis and project works completed:

- An undergraduate project work entitled as "**The Design and Construction of an Auto flow Control Twin-flap Butterfly Valve**," under the supervision of Dr. M. A. Taher Ali, Former Professor of Mechanical Engineering department, BUET
- M. Sc. thesis work entitled as "**Heat Transfer Analysis for Homogeneous Bubble Nucleation during Jet Impingement Quenching**," under the supervision of Dr. Md. Ashraful Islam, Professor of Mechanical Engineering department and Director of the Center for Energy Studies, BUET

Publications

Journals

- M. A. Islam and **S. F. Ahmed**, "Homogeneous Bubbles during Jet Impingement Quenching", *American Journal of Applied Sciences*, Vol 7, No. 6, pp 756 – 762, 2010

International Conferences (Outside Bangladesh):

- M. A. Islam and **S. F. Ahmed**, "Homogeneous Bubbles during Jet Impingement Quenching", Paper No. ESF_08, *Proceedings of 2nd CUTSE International Conference 2009*, Curtin University of Technology, Sarawak Campus, Malaysia, 24-25 November 2009

International Conferences (Inside Bangladesh):

- **S. F. Ahmed** and M. A. Islam, "Study of Heat Transfer Characteristics during Early Stages of Jet Impingement Quenching", Paper No. MED-19 (in press), *Proceedings of 13th Annual Paper Meet*, Mechanical Engineering Division, Institution of Engineers Bangladesh, 25 September 2010

Computer Skills:

- Operating Systems: Windows
- Programming Language: C, C++, MATLAB
- Other Applications: ProEngineer, AutoCAD, Solid Works, COMSOL, ORIGIN

Language Skill:

- **English:** Listening, Reading, Writing and Speaking
- **Bengali:** Listening, Reading, Writing and Speaking