

Mohammad Asadul Haque

**Associate Professor, Department of Physics, University of Chittagong, Chittagong,
Bangladesh
Former**

**Assistant Proctor, University of Chittagong, Chittagong, Bangladesh
Joint-Secretary, Chittagong University Teachers Association-2011, Chittagong, Bangladesh
Joint-Secretary, Chittagong University Teachers Club (Campus), Chittagong, Bangladesh
Lecturer, Department of Electrical & Electronic Engineering (EEE),
Bangladesh University, Mohammadpur, Dhaka-1207, Bangladesh
Senior Teacher, Junior Laboratory School [Eng. Medium], Dhanmondi, Dhaka**

Mailing Address:

Department of Physics, University of Chittagong, Chittagong, Bangladesh.

[asad.physics@cu.ac.bd/](mailto:asad.physics@cu.ac.bd) asad2310@gmail.com

Phone: 01552-488145/01862-107484

Academic Details

Master of Philosophy (M. Phil.):[48 Credits] (2003-2006)

**University : Bangladesh University of Engineering & Technology [BUET],
Dhaka, Bangladesh.**

Subject : Physics.

Field of study : Solid-state Physics.

Duration : Two academic years (Full time). [48 Credit]

**Including Subjects : Physics of semiconductors & superconductors,
Solid-state physics, Magnetism-I, X-ray, Experimental
Techniques in Solid-state physics, Magnetism-II (Special).**

Master of Philosophy (M. Phil.) Thesis [30 Credits]:

**Have success fully been completed an M. Phil. thesis entitle "A STUDY OF- THE
PERFORMANCE OF CRYSTALLINE Si-SOLAR CELL FOR CARRIER
RECOMBINATION IN THE BACK SURFACE." Under supervision of**

**Dr. Mominul Huq, Professor, Department of Physics, Bangladesh University of Engineering &
Technology [BUET], Dhaka and Co-Supervision of Dr. Jalalur Rahman, Professor, Department of
Applied Physics, Electronics & communication Engineering, University of Dhaka, Dhaka,
Bangladesh.**

Master of Science (M. Sc.) [Thesis Group]:

University : Chittagong University, Chittagong, Bangladesh.
Subject : Physics.
Examination Year : 1998 [held in 2002]
Including subjects : Semiconductor Physics & Technology, Computer & Computational Physics, Quantum mechanics, Electronics & Instrumentation.

Master of Science (M. Sc.) Thesis [200 Marks]:

Have success fully been completed an M. Sc. thesis entitle " A THEORETICAL STUDY ON PHYSICAL PICTURE OF A P-N JUNCTION UNDER ALL INJECTION CONDITIONS" under supervision of Dr. Rezaul Huque Khan, Professor, Department of Applied Physics & Electronics, Chittagong University, Chittagong , Bangladesh.

Bachelor of Science Honours (B. Sc.Hon's):

University : Chittagong University, Chittagong , Bangladesh.
Subject : Physics.
Examination Year : 1997 [held in 2000]
Including subjects : Major in Physics, Minor in- Mathematics, Statistics and Chemistry.

Higher Secondary Certificate (H. S. C.):

Institute : Shahajalal College, Madhab pur, Habiganj, Bangladesh.
Board : Comilla.
Examination Year : 1993.
Group : Science.

Secondary School Certificate (S. S. C.):

Institute : Gobindapur Govt. High School, Madhab pur, Habiganj, Bangladesh.
Board : Comilla.
Examination Year : 1991.
Group : Science.

Computer Literacy:

© Have success fully completed a One-Year Higher Diploma in Computer Science on Windows-98, MS Office (Word, Excel, Access and Power point), from a NATRAMS appeliated institute NYDA.

Others Qualifications:

Have success fully completed a Two-Years Certificate Course in Military Science [BNCC] (Air Wing) from Chittagong University, Chittagong , Under Karnofully Regiment Chittagong, Bangladesh.

Others Perceptions:

@ Obtained Scholarship in Primary and Junior secondary School.

@ Obtained graduation Scholarship from Chittagong University, Chittagong, Bangladesh.

Language Proficiency:

Bengali : Vernacular.

English : Fluent in all respect.

Work Experience:

University:

@ Have been working as an Associate Professor in the Department of Physics in Chittagong University, Chittagong, Bangladesh, since 31st March 2016 to till now.

@ Have been working as an Assistant Professor in the Department of Physics (Electronics Branch) in Chittagong University, Chittagong, Bangladesh, since 5th December 2009 to 30th March 2016.

@ Had been working as Lecturer in the Department of Physics (Electronics Branch) in Chittagong University, Chittagong, Bangladesh, since 2nd June 2009 to 4th December 2009.

@ Had been working as a Lecturer in the Department of Electrical and Electronic Engineering (EEE) in Bangladesh University, Mohammadpur, Dhaka-1207, Bangladesh, since 15th July 2005 to 1st June, 2009.

Subjects that are being conducted:

Subjects	Year
Electronics II	4 th Year B. Sc (Hons)
Electronics I	3 rd Year B. Sc (Hons)
Electricity & Magnetism	2 nd Year B. Sc (Hons)
Renewable Energy	M. S.

Academic and Administrative Experience:

@ Have been working as an Assistant Proctor of Chittagong University, Chittagong, Bangladesh, since 24th October 2009 to 3rd January 2012.

@ Have been working as a join Secretary (Elected) of Chittagong University Teachers Association-2011, Chittagong, Bangladesh.

@ Have been working as a join Secretary (Elected) of Chittagong University Teachers Club (Campus), Chittagong, Bangladesh, since 1st July 2010 to 31st July 2011.

@ Had been working as a Coordinator in the Department of Electrical and Electronic Engineering (EEE) in Bangladesh University, Mohammadpur, Dhaka-1207, Bangladesh, since 15th July 2005 to 1st June, 2009.

English Medium School (O/A Level):

@ Had been working as a Senior Teacher (Physics & Math's) in the English Medium Branch of "Junior Laboratory School" House# 18, Road # 28 (old), Dhanmondi, Dhaka, Bangladesh, Phone-9128075, 8115759 since 01. 06. 2003 to 5th April 2005.

Award:

@ Have been awarded as a Best Teacher in the English Medium Branch of "Junior Laboratory School" House# 18, Road # 28 (old), Dhanmondi, Dhaka, Bangladesh, Phone-9128075, 8115759 in the year 2004-05 and 2005-06.

Field interest

Renewable energy [Solar, Hydro, Wind, Biomass, Biogas, Geothermal, Tidal, Wave and OTEC] and Semiconductor devices

Personal Information:

Father's name : Mohammad Sirajul Haque.
Mother's name : Afsana Haque.
Permanent address : C/O. Principal Sirajul Haque
Village- Birashingha para
P.O.- Gobindapur, P.S.-Madhabpur,
District- Habiganj, Bangladesh.
Nationality : Bangladeshi by birth.
National ID number: : 3 6 1 7 1 6 0 0 0 0 8 8 4
Passport No. : W 0 6 5 2 8 8 3
Blood Group : O + Ve
Date of birth : May-23, 1976, Habiganj, Bangladesh.
Marital status : Married.

Mohammad Asadul Haque

Academic Details that I have completed:**Master of Philosophy (M. Phil.): [48 Credits]**

Subject Name	Total Credits
1. Physics of semiconductors & superconductors	3
2. Solid-state physics	3
3. Magnetism-I	3
4. X-ray	3
5. Experimental Techniques in Solid-state physics	3
6. Magnetism-II (Special).	3
7. Thesis	30

Master of Science (M. Sc.) [Thesis Group]: (600 Marks)

Subject Name	Total Marks
1. Quantum mechanics	75
2. Electronics & Instrumentation	75
3. Semiconductor Physics & Technology	75
4. Computer & Computational Physics.	75
5. Viva & Class Record	100
6. Thesis	200

Bachelor of Science Honours (B. Sc.Hon's): [2200 Marks]**Major in Physics**

Subject Name	Total Marks
1. Vector analysis & Classical Mechanics	75
2. Properties of Matter & Sound	75
3. Heat & Thermodynamics	75
4. Mathematical Physics & Classical Mechanics	75
5. Statistical Mechanics	75
6. Electricity & Magnetism	75
7. Optics	75
8. Relativity	75
9. Electrodynamics	75
10. Quantum Mechanics	75
11. Atomic & Molecular Physics	75
12. Nuclear Physics	75
13. Solid-state Physics	75
14. Electronics	75

Minor Subjects:**Mathematics**

1. Algebra & Trigonometry	75
2. Geometry	50
3. Calculus (Integration & Differentiation)	75

Statistics

1. Theory of Statistics	75
2. Probability Distribution	75

Chemistry

1. Physical Chemistry	50
2. Organic Chemistry	50
3. Inorganic Chemistry	50

Practical **450**

Viva & Class Record **200**