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Assistant Professor of Chemistry, Natural Science Group,
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Teaching Experience:

*National University, Bangladesh	:	July. 2014 to till date (Assistant Professor)
*National University, Bangladesh	:	Dec. 1, 2004 to Jun, 2014 (Lecturer)
*Department of Chemistry, BUET. (Teaching Assistant)	:	October, 2001- July, 2003

Academic Background:

Ph D : The Graduate University for Advance Studies, Nanoscience, Japan, 2009
Thesis Title: Synthesis of C_3 symmetric cup-shape molecules.

Researcher: Gwangju Institute of Science & Technology (GIST), South Korea, 2005
Thesis Title: Synthesis of Grafted Membrane and Technique of Removal of Arsenic in Ground Water.

M. Phil : Department of Chemistry BUET, Dhaka, Bangladesh, 2004
Thesis Title: Palladium Mediated Synthesis of Isoquinolinone Derivative and Study of their Biological Activities.

M. Sc. (Organic Chemistry): 1st Class, Class, Rajshahi University, Rajshahi, Bangladesh, 1998

B. Sc. (Hon's) Chemistry: 2nd Class, Rajshahi University , Rajshahi, Bangladesh, 1997

H.S. C.: 2nd Division, Rajshahi Education Board, Rajshahi, Bangladesh, 1994

S. S. C. : 1st Division, Rajshahi Education Board, Rajshahi, Bangladesh, 1991

List of Publications:

1. Md. Chanmiya Sheikh, **A. F. G. Masud Reza**, Akitaka Nakajima, Takasi Iwasawa, Atsutaka Kitao, Toshiaki,Yoshimura, Hiroyuki Morita," Syntheses of thianthrene derivatives linked with multiple bonds". (Submitted)

2. **A. F. G. Masud Reza** and Jee Hoon Lee, "Mild condition synthesis of α, β-Unsaturated Esters from Aryl Aldehydes and Ethyl Diazoacetates through Wittig reactions, Using Copper Triflates" *National University Journal of Science* (Accepeted).

3. M. R. Shaibur, **A. F. G. Masud Reza**, A. H. M Shamim and A. A. Mahmud, " Arsenic accumulation in different parts of pot grown vegetables" *Bangladesh J. Environ.* Sci., Vol. 32, 76-81, **2017**

4. Dr. Mohd Amirul Islam, **AFG Masud Reza**, Dr. Sefaly Khatun and Dr. Iftekhar Ahmad, "Evaluation of the cytotoxic effect of Malic acid-Butane 1,4-diol Copolyester in Albino Rats" *International Journal of Chemical Studies* **2016**; 4(6): 38-43

5. **A. F. G. Masud Reza** and Dr. Mohd. Amirul Islam, "Mild condition synthesis of a, b-Unsaturated esters derivatives through copper catalyst " *International Journal of Chemical Studies* **2016**; 4(5): 52-55

6. **A. F. G. Masud Reza** and Jee Hoon Lee,"Green chemistry and mild condition: Synthesis of 1,1- diacetates from Aromatic aldehyde without solvent, reagents and catalyst" *National University Journal of Science*, Vol. *2, No.* 1, **2015**

7. Shuhei Higashibayashi, **A. F. G. Masud Reza**, Hidehiro Sakurai,"Stereoselective Cyclotrimerization of Enantiopure Iodonorbornenes Catalyzed by Pd Nanoclusters for C3 or C3v Symmetric syn-Tris(norborneno)benzenes". *J. Org. Chem*., **2010**, 75 (13), 4626–4628 DOI:(10.1021/jo100710h).

8. **A. F. G. Masud Reza**, Shuhei Higashibayashi, Hidehiro Sakurai, "Preparation of C3- Symmetric Homochiral syn-Trisnorbornabenzenes through Regioselective Cyclotrimerization of Enantiopure Iodonorbornenes". Chem. Asian. J. **2009**, 4, 1329-1337.
9. **A. F. G. Masud Reza**, Md. Wahab Khan, Mohammad S. Rahman, Chowdhury M. Hasan, Mohammad A Rashid "In vitro Antimicrobial Activity of Some Synthetic Isoindolinone and Isoquinolinone Derivatives". Dhaka Univ. J. Pharm. Sci., **2006**, 5(1-2),15-19.

10. W.Khan, **A. F. G. Masud Reza**, "Palladium Mediated Synthesis of Isoindolinones and Isoquinolinones". Tetrahedron, **2005**, 61, 11204-11210.
11. **A. F. G. Masud Reza**, Yong-Seong Cho, Cho Hyeon-Jeong, Jai H. Lee, "Removal of Arsenic from Contaminated Water by Means of Radiation-Grafting Membranes". IERC (GIST), Republic of Korea, **2005**, 17- 27.

Conference:

1. **A. F. G. Masud Reza**, Shuhei Higashibayashi, Hidehiro Sakurai, "Synthesis of C3 Symmetric Cup-Shape Molecules, 13th Asian Chemical Congress, Shanghai, Chin,aSeptember 14-16, 2009 (oral presentation).
2. **Masud Reza A. F. G**, Shuhei Higashibayashi, Hidehiro Sakurai, "Asymmetric Synthesis of C3 π-Conjugated Chiral Molecules." 89th Annual Meeting of The Chemical Society of Japan, 4F4-29, March 27-31, 2009 (oral presentation)
3. **A. F. G. Masud Reza**, Shuhei Higashibayashi, Hidehiro Sakurai, "Asymmetric Synthesis of C3 Symmetric π-Conjugated Chiral Molecules." Taiwan, December, 2009. (Poster presentation)
4. Shuhei Higashibayashi, **A. F. G. Masud Reza**, Takeharu Ishikawa, Shinji Toyota, Hidehiro Sakurai, "Asymmetric Synthesis of C3 Symmetric Chiral Buckybowls." Taiwan, December, 2009. (Poster presentation).
5. **A. F. G. Masud Reza**, Shuhei Higashibayashi, Hidehiro Sakurai, "Synthesis of C3 Symmetric π- Conjugated Molecules." 39th Annual Meeting of Union of Chemistry-Related Societies (UCRS) in Chubu Area, Japan, November 8-9, 2008, (oral presentation)
6. Shuhei Higashibayashi, **A. F. G. Masud Reza**, Hidehiro Sakurai, "Asymmetric Synthesis of C3 Symmetric Chiral Buckybowls." France, July, 2008. (Poster presentation).
7. Shuhei Higashibayashi, **A. F. G. Masud Reza**, Hidehiro Sakurai, "Synthesis of C3v Symmetric Chiral Buckybowls." PM-47, IUPAC, 17th International Conference on Organic Synthesis, Daejeon, South Korea, June 22-27, 2008. (Poster presentation).
8. **A. F. G. Masud Reza**, Yong-Seong Cho, Cho Hyeon-Jeong, Jai H. Lee,"Removal of Arsenic from Contaminated Water by Means of Radiation-Grafting Membranes as a new technic."IERC (GIST), Republic of Korea, 2005 (Oral presentation).
9. W. Khan, **A. F. G. Masud Reza**, Palladium Mediated Synthesis of Isoindolinones. Bangladesh Chemical Congress 2004. Bangladesh. Page 52, December 9 -11, 2004 (Oral presentation).
10. W. Khan, **A. F. G. Masud Reza**, "Palladium Mediated Synthesis of 3-Substituted Isoquinolinones of Biological Importance." (Abstract of ASOMPS XI–Asian Symposium on Medical Plants, Spices and other natural products XI), Kunming, China, Page 304, October, 2003. (Poster presentation).

Fellowship Awarded:

- JSPS Short term, Research Center For Molecular Scale Nanoscience , IMS, Japan.
- MEXT, The Graduate University for Advance Studies, Japan.
- UN (United Nations, Young Scientist), GIST (Gwangju Institute of Science and Technology), South Korea.
- National Science and Technology Fellowship, Bangladesh Ministry of Information, Science and Technology, Bangladesh.

Teaching:

M. Phil : Organic Synthesis, Spectroscopy and analysis. Practical Chemistry
B. Sc. Level : Organic Chemistry, Reaction Mechanism, Spectroscopy, Practical Chemistry

Membership:

* Bangladesh Chemical Society L- 830
* Japan Chemical Society 2082710800
* Japanese University Alumni Association in Bangladesh (JUAAB)

Personal Information:

Father's Name : Professor Dr. Md Enamul Haque
Department of Physics, Rajshahi University-6205, Bangladesh.
Mother's Name : Late Nagita Begum
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