

## Curriculum Vitae

### Monirul Islam

#### Current Address:

Vill: Jalalpur, P/O: Pabna Cadet College,  
P/S: Pabna Sadar, Zilla: Pabna-6603

Email: phamonir21@gmail.com & phamonir21@pust.ac.bd  
Mobile: +8801717486064

Web: [https://www.pust.ac.bd/academic/departments/dept\\_teachers/dept\\_teachers\\_profile/100135](https://www.pust.ac.bd/academic/departments/dept_teachers/dept_teachers_profile/100135)



#### Career Objective

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To gain a challenging and rewarding position in a well-reputed university; where I can apply my earned creativity, sincerity, skill, performance and knowledge as benefit the university.

#### Personal Details

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Name : Monirul Islam  
Father's Name : Abdul Quddus  
Mother's Name : Mahera Khatun  
Date of Birth : 23th August, 1989  
Age : 33 Years  
Religion : Islam  
Sex : Male  
Marital Status : Married  
Nationality : Bangladeshi

#### Scholastic Status

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Name of examination : Master of Pharmacy (M. Pharm.)  
Duration : July 2011 – June 2012 (1 Year)  
Date of award : 02 December, 2014  
GPA : 3.83 (Out of 4.00) [*Merit position 1<sup>st</sup> in the batch*]  
University : University of Rajshahi, Bangladesh.

Name of examination : Bachelor of Pharmacy (B. Pharm. Hons.)  
Duration : July 2007 – June 2011 (4 Years)  
Date of award : 30 December, 2012  
CGPA : 3.74 (Out of 4.00) [*Merit position 2<sup>nd</sup> in the batch*]  
University : University of Rajshahi, Bangladesh.

Name of examination : Higher Secondary Certificate (HSC)  
Duration : January 2005 – December 2006 (2 Years)  
Date of award : 26 August, 2007  
GPA : 5.00 (Out of 5.00)  
Institute : Notre Dame College, Dhaka.  
Board : Dhaka

Name of examination	: Secondary School Certificate (SSC)
Duration	: January 2003 – December 2004 (2 Years)
Date of award	: 9 July, 2005
GPA	: 5.00 (Out of 5.00)
Institute	: Shahid Smaranika High School, Pabna.
Board	: Rajshahi

### **Awards and Scholarships**

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- National Science and Technology (NST) fellowship from Ministry of Education, Bangladesh, during thesis work M. Pharm. Degree. Scholarship (2013)
- University Merit Scholarship by University of Rajshahi (2008 – 2011)
- Bangladesh Government Stipend for Secondary School Certificate (SSC) Examination by the Board of Intermediate and Secondary Education, Rajshahi. (2005 – 2007)
- Research Project Grants Funded by Pabna University of Science & Technology (2019–2021)

### **Certificate**

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I was attended a 1 year long ‘Japanese Language Certificate Course’ in Rajshahi University during the session of 2011–2012 and successfully qualified by securing First class.

### **Professional Affiliation**

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- ❖ Former Member of Rajshahi University Pharmacy Association (RUPA), Pharmacy Department, Rajshahi University, Rajshahi.
- ❖ Alumni of Pharmacy Department, Rajshahi University, Rajshahi.
- ❖ Former member of GOLD BANGLADESH (Group of Liberal Debaters Bangladesh), a debating club of Rajshahi University.
- ❖ Former Member of Swajon, a Voluntary Blood Donor’s Organization at Rajshahi University, Rajshahi.
- ❖ Registered Pharmacist Affiliated by the Pharmacy Council of Bangladesh (BPC). Registration Number: **A - 7726**

### **Leadership Experiences**

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- ❖ Chairman, Department of Pharmacy, Pabna University of Science and Technology since 27 April 2020.
- ❖ President, Pharmacy Association, Pabna University of Science and Technology since April 2020.
- ❖ Member, Medical Advisory Board, Medical Centre at Pabna University of Science and Technology since April 2020.
- ❖ Treasurer, Pharmacy Association, Pabna University of Science and Technology from September 2017 to April 2020.

### **Passion and Hobbies**

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- ❖ My utmost favorite hobby is reading book.

❖ I also prefer to watch different kinds of films in my leisure time.

### **Language Competency**

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Bengali: Mother Tongue

English: Fluent in Reading, Writing, Speaking and Listening

### **Computer Proficiency**

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- Microsoft Office Package
- Adobe Acrobat Writer
- Statistical Package for the Social Sciences (SPSS)
- Foxit PhantomPDF
- Good command over Photoshop, Internet Browsing, Email handling and many other softwares

### **Training**

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Induction training (from April, 2014 to June, 2015) on Standard Operating Procedure (SOP), Production machineries and Laboratory instruments, Formulation and Production of different Pharmaceutical dosage forms, Quality Control, Hygiene and Sanitation etc. at Healthcare Pharmaceuticals Limited, Gazipur, Bangladesh.

I have completed a 2 weeks (from 17 September, 2012 to 30 September, 2012) In-plant training in **Beximco Pharmaceutical Ltd.** During the training period I was trained in the Ware house, Production (Solid, Liquid, Semisolid and Sterile) Q.A. (Q.C, IPC and Validation), Packaging, Engineering, HR & Admin department.

I have attended a daylong Workshop on Establishment of Institutional Quality Assurance Cell (IQAC) at University Education Level on 13 March, 2016 at the Star Tower, Banani, Dhaka organized by Primeasia University.

### **Workshop and Seminar Attended**

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I have attended a daylong Workshop on Education materials development and Delivery method optimization at Institutional Quality Assurance Cell (IQAC), PUST, Pabna, Bangladesh on 29 July, 2017.

I have attended a daylong International Seminar on 30 January, 2016 at Institute of Nutrition & Food Sciences, Dhaka University on the topic of ‘Green Technology and Society’, organized by Bangladesh JSPS Alumni Association (BJSPSAA).

I have attended a daylong Seminar on 19 October, 2014 at Regency Hotel, Dhaka on the topic of ‘NIR & Raman Spectroscopy, An Introduction to the Techniques, Applications, Instrument and Analysis’ organized by Metrom Middle East FZC.

### **Thesis**

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I have completed a 1 year long thesis work on Pharmacology. My research topic was “Investigation of the beneficial effects of combination therapy of Metformin and *Momordica charantia* (Bitter melon) on alloxan induced diabetic rats”.

## Research Projects

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1. Prevalence Study of Risk Factors Connected with Malnutrition among PUST Students from the Assessment of Nutritional Status and Food Consumption Pattern.
2. Human Health Risks Evaluation by Assessing the Microbiological and Physicochemical Quality of Drinking Water of Student Residences of Pabna University of Science and Technology, Bangladesh.
3. Screening and Diagnosis of Diabetes and Pre-diabetes in Rural Area of Pabna District, Bangladesh: Looking for a Relationship with Associated Factors.
4. Assessment of Knowledge, Attitude and Practice Regarding Voluntary Blood Donation among Students of Pabna University of Science and Technology, Bangladesh – Establishment of a Database for Local and National Use.

## Areas of Research Interest and Techniques Known

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- Natural and Organic Compounds: Extraction, Isolation and Purification, Phytochemical investigation, Total flavanoids and Antioxidant activity tests.
- Pharmacology: Diabetology and Lipidology, Drug and natural compound combination therapy, Anticancer activity, Cytotoxicity.
- Biochemistry: Liver function marker analysis, Hormonal tests, Blood diseases.
- Microbiology: Antibiotic resistivity, Zone of Inhibition, MIC, MBC.
- Analytical method development: UV-Visible spectroscopy, IR.
- Formulation development of drug molecules into different pharmaceutical dosage forms.

## Publications

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1. **Islam M.**, Ali B., Islam F., Rahman A., Nusrat F., and Islam M. A. 2021. Assessment of the Distribution of ABO and Rh Phenotype Blood Groups: A Study among the Students of Pabna University of Science and Technology, Pabna, Bangladesh. *Bangladesh University Journal (ISSN 2309-8791)*. **4** (1): 103-111.
2. Pulye Roy P., **Islam M.**, Islam M. S., and Rashid M. 2020. Beneficial Effects of Combination Therapy of Sitagliptin and  $\beta$ -carotene Drugs on Streptozotocin-induced Diabetic Rats. *Bangladesh Pharmaceutical Journal (ISSN 0301-4606 eISSN 2408-8463)*. **23** (2): 87-95.
3. Iqbal A., Hossain M. S., Shamim M. A., **Islam M.**, Siddique M. A. T. 2020. Formulation, *in vitro* evaluation and characterization of atorvastatin solid dispersion. *Tropical Journal of Pharmaceutical Research (ISSN: 1596-5996 (print); 1596-9827 (electronic))*. **19** (6): 1131-1138.
4. **Islam M.**, Islam M. S., Zannah S., Sadik G. and Rashid M. 2018. *Momordica charantia* (Bitter melon) in combination with metformin potentiates hypoglycemic and hypolipidemic effects in alloxan-induced diabetic rats. *Bangladesh Pharmaceutical Journal (ISSN: 0301-4606)*. **21** (2): 109-117.
5. **Islam M.**, Islam M. S., Zannah S. and Rashid M. 2019. Combination therapy of *Momordica charantia* Linn. (Bitter Melon) with antihyperglycemic agent gives increased antioxidative and hepatoprotective actions in alloxan-induced diabetic rats. *Bangladesh Pharmaceutical Journal (ISSN: 0301-4606)*. **22** (1): 34-40.

6. Biswas M., Roy D. N., **Islam M.**, Parvez G. M. M., Rahman M. M., Tajmim A., Ferdiousi N., Ali M. and Nasim S. M. 2014. Prevalence and nature of handwritten outpatients prescription errors in Bangladesh. *International Journal of Pharmacy and Pharmaceutical Sciences (ISSN: 0975-1491)*. **6** (5): 126-130.
7. Biswas M., Roy D. N., Rahman M. M., **Islam M.**, Parvez G. M. M., Haque M. U., Shahriar A. A. E., Ahmed M. S. and Niloy S. I. 2015. Doctor's prescribing trends of antibiotics for outpatients in Bangladesh: A cross-sectional health survey conducted in three districts. *International Journal of Pharmaceutical Sciences and Research (E-ISSN: 0975-8232; P-ISSN: 2320-5148)*. **6** (2): 669-675.
8. Zannah S., **Islam M.**, Ali Y., Asaduzzaman M., Sarwar M. S., Bari A. A. A. and Rashid M. 2015. Antidiabetics in combination with hydroxylchloroquine improve antioxidant and hepatoprotective activities in alloxan-induced diabetic rats. *Bangladesh Pharmaceutical Journal (ISSN: 0301-4606)*. **18** (1): 72-77.

### **Employment History**

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1. Currently I am serving as an Assistant Professor and Chairman, Department of Pharmacy, Pabna University of Science and Technology (PUST), Pabna ever since 01 October, 2019.
2. I also worked as a Lecturer, Department of Pharmacy, Pabna University of Science and Technology (PUST), Pabna from 01 April, 2017 to 30 September, 2019.
3. I served as a Lecturer, Department of Pharmacy, Primeasia University, Banani, Dhaka from 01 July, 2015 to 31 March, 2017.
4. I worked as an Officer, Research and Development (R&D) Department in Healthcare Pharmaceuticals Ltd., Gazipur from 26 April, 2014 to 30 June, 2015.
5. I have a 1 year long teaching experience in Rajshahi Institute of Medical Technology (RIMT), Rajshahi; a private paramedical institute.