

# MD. FARHAD SARKER

Research Pharmacologist

BCSIR



## ACADEMIC QUALIFICATIONS

Examination	Board/ Institution	Group/ Subject	Passing year	Duration
S.S.C	Rajshahi	Science	2010	N/A
H.S.C	Rajshahi	Science	2012	N/A
B.Pharm	Rajshahi University	Pharmacy	2017	4 years
M.Pharm (Thesis)	Rajshahi University	Pharmacy	2019	2 years

## MAJOR COURSES ATTENDED DURING GRADUATION

Physiology and Biochemistry, Microbiology and Immunology, Biostatistics, Pharmacology, Pharmaceutical Technology, Pharmaceutical Analysis, Medicinal Chemistry, Bio pharmaceuticals, Pharmaceutical Engineering, Cosmetology, Hospital and community Pharmacy, Quality control- Quality Assurance and Validation, Molecular Biology and Biotechnology, Organic Spectroscopy, Clinical Pharmacy, Pharmacy Law and Ethics, Pharmaceutical Marketing and Management.

Thesis Area	Duration	Major Performed Experiments
Phytochemistry & Molecular Biology	1 year	Extraction & Fractionation of Plant Extract, Antioxidant Potential and Reducing Power Analysis, Protective Effect on Human Erythrocytes, Plasmid DNA Isolation from <i>E.Coli</i> & DNA Damage Protective Assay by Gel Electrophoresis etc.

## INTERNSHIP

Company	Duration	Fields
Incepta Pharmaceuticals Limited	25 June to 10 July 2018(2 weeks)	Operational and Technological Management of Production, Quality Assurance, warehouse & Engineering Department.

## SKILLS

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- **Computer Skills:** Microsoft Word, Microsoft Excel, Microsoft Power Point, SPSS, Python. • Three -month Statistical Computing Certificate Course (from 17 May to 24 August, 2017) on Microsoft Excel, SPSS & Research Methodology from Department of Statistics, Rajshahi University.
- **Language proficiency:** Have good command over Bengali and English in both Speaking and writing.
- **Research skill:-** One year thesis under M.pharm program. **Topic: Phytochemical Analysis of Ficus Benjamina Plant Extract and Evaluation of its Protective Effect against Oxidative Damage of RBC & DNA by Gel Electrophoresis.**
  - Ongoing R&D project:** "Efficacy and Resistance of Clopidogrel on Rats with type 1 Diabetes mellitus".
  - Pharmacology Research Division, BCSIR Chattogram laboratories (June 2022- July 2024): Animal model study
  - Chemical Research Division, BCSIR Dhaka laboratories (August 2024- Present): Chemicals from indigenous sources, Phytochemistry, Compound isolation, HPLC
  - Publications: 02

## EXTRA CURRICULAR ACTIVITIES & ACHIEVEMENTS

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- ✚ Worked as Editor and Co-Editor of different souvenir.
- ✚ Worked as Senior Assistant Publication Secretary & Cultural Secretary of Rajshahi University Pharmacy Association (RUPA).
- ✚ Attended different Seminars, Industrial Tours, In-house trainings.
- ✚ Scholarship from Rajshahi Education Board at Primary, SSC & HSC level.
- ✚ DBBL scholarship at HSC & Honours level.
- ✚ Hobbies: Writing Poems and Articles, Travelling, Gardening.

## PERSONAL INFORMATION

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Name : Md. Farhad Sarker	Cell: +88 01748554657
Home district: Rajshahi	Gender: Male
Marital status: Married	Nationality: Bangladeshi
Religion: Islam	E-mail: <a href="mailto:fsarker2014@gmail.com">fsarker2014@gmail.com</a>