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## Ms. Sharmin Ahmed Rakhi

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### Lecturer, Department of Pharmacy

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### Biography

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Sharmin Ahmed Rakhi obtained her B.Pharm (Hons.) from the Department of Pharmacy, University of Dhaka in the year 2018 with 5th position and M.Pharm from the Department of Pharmaceutical Chemistry, University of Dhaka in the year 2019 with 3rd position. She started her career with Incepta Pharmaceuticals Ltd as a Brand Executive in the Marketing Strategic Department and then in July 2023 she joined the Department of Pharmacy, United International University as a Lecturer. She had carried out her master's thesis on Phytochemical and biological investigation on *Crinum asiaticum*. Her research interests include organic synthesis, molecular biology, nanoparticle drug delivery etc. She has received the Govt. scholarship from Ministry of Education for outstanding academic achievement in her B.Pharm. and received the NST scholarship for her thesis research in masters program.

### Education

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**M. Pharm. (2018-19)** Department of Pharmaceutical Chemistry University of Dhaka CGPA: 3.96 (3rd Position) **B.Pharm. (2014-2018)** Department of Pharmacy University of Dhaka CGPA: 3.91 ( 5th position) **HSC (2013)** Ideal School And College, Motijheel GPA: 5.00 **SSC (2011)** Ideal School And College, Motijheel GPA: 5.00

### Research Interest

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- Phytochemistry
- Drug Design
- Synthetic chemistry
- Molecular biology
- Nano particle
- Molecular docking

### Experience

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- **Lecturer** , Department of Pharmacy, United International University ( July,23- Present)
- **Brand Executive** , Marketing, Incepta Pharmaceuticals Ltd. (May,22-Jun,23)

### Course Taken

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- Introduction to Pharmacy
- Inorganic Pharmacy
- Organic Pharmacy

## Publication

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## Journal Papers

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2024## Isolation of bioactive phytochemicals from *Crinum asiaticum* L. along with their cytotoxic and TRAIL-resistance abrogating prospect assessment Pharmacy Publication: Heliyon Author List: Sharmin Ahmed Rakhi, Safaet Alam, Nazim Uddin Emon, Muhammad Abdullah Al-Mansur, Md Ruhul Kuddus, Md Raihan Sarkar, Masami Ishibashi, Firoj Ahmed, Teruhisa Manome, Md Saiful Islam, Yasumasa Hara

## antioxidant and thrombolytic activities of *crinum asiaticum* l.

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Publication: Bangladesh Journal of Scientific and Industrial Research Author List: Saiful Islam, Sharmin Ahmed Rakhi, Md Raihan Sarkar, Md Ruhul Kuddus, Firoj Ahmed 2023## Isolation of bioactive phytochemicals from *Crinum asiaticum* along with their cytotoxic and TRAIL-resistance abrogating prospect assessment Publication: Research Square (Research Square) Author List: Sharmin Ahmed Rakhi, Yukio Hara, Teruhisa Manome, Safaet Alam, Nazim Uddin Emon, Md Ruhul Kuddus, Md Raihan Sarkar, Firoj Ahmed, Masami Ishibashi, Muhammad Abdullah Al-Mansur

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