

# MD. ASHRAFUL ISLAM

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**BCSIR Chattogram Laboratories**  
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## WORK EXPERIENCE

- **Chemistry Lecturer** at Cambrian College, Dhaka; Mohammadpur Preparatory School & College, Dhaka; Keraniganj Mohila College, Dhaka; Bir Uttam Shaheed Samad School & College, Rangpur from 2017 to 2021.
- **Scientific Officer** at BCSIR from 15/11/2021 to Present.

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## EDUCATION

- **B.Sc (Hons), M.Sc (Thesis)** under Department of Chemistry from Rajshahi University, Bangladesh.

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## ADDITIONAL SKILLS

- Instruments operation and data analysis: HPLC, AAS, UV, FTIR, FLAME PHOTOMETER.
- Analysis different test parameters of Industrial products (Water, food, Soil, Oil, Cosmetics, Chemical, Medicine etc.).

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## RESEARCH AREA

- Heavy metals, Waste water treatment, Medicinal plants etc.

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## PUBLICATION:

1. Chakraborty, Dipankar, Paroma Arefin, Sreebash Chandra Bhattacharjee, Mehedi Hasan, Rajib Sarkar, Suman Das, Saidur Rahman,....**Md. Ashraful Islam**. "Biological activity of Mesua ferrea (Nageswar) seed extracts: An in vitro and in silico study." *Informatics in Medicine Unlocked* 36 (2023): 101166.
2. Farhana, Fahima, Gorungo Ray, **Md Ashraful Islam**, Dipankar Chakraborty, Sreebash Chandra Bhattacharjee, and Suman Das. "Antioxidant Activity, Phenolic and Flavonoid Contents of Abrus precatorius Leaf in four Different Extracts." *EAS J. Pharm. Pharmacol* 5 (2023): 168-175.
3. Ray, Gorungo, Fahima Farhana, **Md Ashraful Islam**, Sreebash Chandra

- Bhattacharjee, Dipankar Chakraborty, and Suman Das. "Antioxidant Activity of Plant Extracts at Chattogram Hill Tracts, Chattogram, Bangladesh." *EAS J. Pharm. Pharmacol* (2024).
4. Islam, Md Samrat Mohay Menul, Hasina Akter, Md Hasan Ali, A. J. M. Morshed, **Md Ashrafur Islam**, Mohammad Helal Uddin, MAA Shofi Uddin Sarkar, and Md Nure Alam Siddik. "Physicochemical Characterization and Determination of Trace Metals in Different Edible Fats and Oils in Bangladesh: Nexus to Human Health." *Heliyon* (2024).
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