

M A A Shofi Uddin Sarkar

B.Sc. (Hon's), M.Sc. in Chemistry (SUST)
M.Phil. in Organic Chemistry (BUET)

Scientific Officer
BCSIR Laboratories, Chattogram
Ministry of Science and Technology



Short Biography:

M A A Shofi Uddin Sarkar is working as Scientific Officer in the Phytochemistry Division, BCSIR Laboratories, Chattogram since November 2022. Earlier in his academic achievement, he has been awarded the B.Sc. (Hons) and the M.S. from SUST in 2010 and 2011, respectively. Mr. Sarkar was awarded M.Phil degree in 2019 in Organic Chemistry from Bangladesh University of Engineering and Technology (BUET), Bangladesh and continued his Ph.D research in the same institute since April, 2019. He received Post Graduation Fellowship during his Ph.D. research in 2021.

Education:

Degree Name	Group/Major Subject	Board/Institute	Country	Passing Year
M.Phil.	Organic Synthesis	Bangladesh University of Engineering and Technology (BUET)	Bangladesh	2019
Masters	Organic Chemistry	Shahjalal University of Science and Technology (SUST)	Bangladesh	2011
Bachelor	Chemistry	Shahjalal University of Science and Technology (SUST)	Bangladesh	2010

Research Interests:

Environmental chemistry, Hydrogels, Synthetic Organic Chemistry, Analytical Chemistry

Research Supervision:

Level of Study	Title	Name of Student
Master's	Microbial quality and heavy metal analysis of raw and commercial milk available in the local market of Chattogram, Bangladesh	Md. Javed Hossen Patwary University of Chittagong

Publications:

1. Sarkar, M. A. A. S. U., Nath, A., Kumer, A., Mallik, C., Akter, F., Moniruzzaman, M., & Ali, M. A. (2021). Synthesis, molecular docking screening, ADMET and dynamics studies of synthesized 4-(4-methoxyphenyl)-8-methyl-3, 4, 5, 6, 7, 8-hexahydroquinazolin-2 (1H)-one and quinazolinone derivatives. *Journal of Molecular Structure*, 1244, 130953.
2. Rahman, M. M., Pramanik, S. K., Paul, D., **Sarkar, M. S. U.**, Ahmed, M. J., Saha, R., & Ogawa, A. (2019). Synthesis, characterization, thermal and luminescent properties of thiophenol-functionalized platinum (II) bis (acetylido) complexes. *Transition Metal Chemistry*, 44, 247-252.
3. Islam, M. B., Sarkar, M. M., Rahman, M. R., Khan, M., Afroze, M., Hasan, M. A., ... & **Sarkar, M. S. U.** (2017). Fatty acid profile of freshwater crab (*Paratelphusa lamellifrons*) from Padma River of Rajshahi City, Bangladesh. *Journal of Nutrition & Food Sciences*, 7(06), 1000641.