


# Resume of Md. Ashraful Alam



Scientific Officer, Leather Research Institute  
Bangladesh Council of Scientific and Industrial Research (BCSIR)  
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## **Research Interest:**

Environmental chemistry, waste management, polymer chemistry, synthesis of naturally and medicinally important compounds, bio-inorganic chemistry, medicinal chemistry, natural products & Analytical chemistry

## **Work Experience:**

### **Scientific Officer**

**May 2022-Present**

Bangladesh Council of Scientific and Industrial Research (BCSIR)

### **Quality Control Officer**

**June 2018-May-2022**

Popular Pharmaceuticals Limited

## **Academic Qualification:**

<b>Name of Degree</b>	<b>Institution</b>	<b>Department</b>	<b>Passing Year</b>
Masters of Science	University Of Chittagong	Chemistry	2015
Bachelor of Science	University Of Chittagong	Chemistry	2014

## **Laboratory Work Experience:**

Experiences on following instruments

- ❖ HPLC, ICP-OES, ICP-MS, GC, GC-MS, AAS, UV-VIS, FTIR Instruments.
- ❖ Liquid Particle Counter & Malvern Mastersizer
- ❖ Potentiometer, Polarimeter, Dissolution tester, Karl fisher apparatus & Disintegration tester
- ❖ Conductometer, Viscometer, Osmometer, Refractometer & pH Meter

### **Current R &D Project:**

- Preparation of fat liquor for leather processing from Rubber (*Hevea Brasiliensis*) seed oil- Project associate
- Phytoremediation of heavy metals of tannery wastewater using local plant species

### **Publication:**

- 1.0 **Md. Ashraful Alam**, Dr. Ajoy Kanti Mondal, Dr. Md. Tushar Uddin, Md. Abdur Razzaq, Murshid Jaman Chowdhury, Dr. Madhu Sudan Saha, “Chemical investigation and separation of chromium from chrome cake of BSCIC tannery industrial estate at Hemayetpur, Dhaka, Bangladesh.” *Journal of Environmental and Public Health* (Accepted, Date:04/04/2023)
- 2.0 **A. Alam**, P. Paul, R.K. Shil, A. Chakraborty, S. Rabi, T.G. Roy “Chromium (III) complexes of a tetraazamacrocyclic ligand: synthesis, characterization and antibacterial investigation” *Acta Sci. Pharm. Sci.*, 5 (8) (2021), pp. 89-96
- 3.0 D Palit, L Dey, S Rabi, S Roy, **A Alam**, TG Roy “Axial Addition in Diastereoisomeric [Ni(Me8[14]ane)](ClO4)2 Complexes and Their Antifungal Activities. DOI: <https://doi.org/10.3329/cujs.v4i1i1.51920>



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