

MST. ELINA AKTHER ZENAT

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BCSIR Dhaka Laboratories, Bangladesh Council of Scientific and Industrial Research (BCSIR)
Dr. Qudrat-E-Khuda Road, Dhaka-1205, Bangladesh

Education

Master of Science (MS) in Botany **2011**
National University, Bangladesh

Bachelor of Science in Botany **2007**
National University, Bangladesh

Professional Experience

Senior Scientific Officer **January 2020 – Present**
Biological Research Laboratory, Plant Pathology Section, BCSIR Dhaka Laboratories
Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh

Scientific Officer **February 2013 – December 2019**
Biological Research Laboratory, Plant Pathology Section, BCSIR Dhaka Laboratories
Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh

Research Grants

Principal Investigator

- Treatment of Mold affected finished leather by various medicinal plant extracts (2023–2024)

Associate Investigator

- Developing a poultry feed using microalgae and macrophytes (2024–2025)

Publications (Selected)

1. **Zenat, M.E.A.**, et al. Antifungal activity of various plant extracts against aspergillus and penicillium species isolated from Leather-Borne Fungus. **2024**.
2. Haque, N.N., et al. Heavy metal scavenging potential of indigenous microalgae of Bangladesh. *South Asian Journal of Research in Microbiology*, **2024**, 18(7), 58-75.
3. Haque, N.N., et al. Cyanobacteria mediated CO₂ segregation. *Asian Journal of Research in Biochemistry*, **2023**, 13(3), 28-43.
4. Munshi, J.L., et al. In Vitro plant regeneration from leaf explants of *Tagetes erecta* L. *Bangladesh Journal of Scientific and Industrial Research*, **2021**, 56(2), 69-74.
5. Roy, C.K., et al. Control of early blight of tomato. *Open Microbiology Journal*, **2019**, 13, 41-50.
6. Begum, N., et al. In vitro micro propagation of soybean (*Glycine max*) BARI-5 variety. *The Open Microbiology Journal*, **2019**, 13(1).

Conference Presentations

- **Poster Presentations:** BCSIR Congress 2024 & 2022

Thesis Supervision

- Supervised 2 M.S. theses in Botany

Professional Trainings

- Atomic Absorption Spectrometer (AAS), BCSIR (17–21 August 2025)
- High-Performance Liquid Chromatography (HPLC), BCSIR (07–11 May 2023)
- Dumas Protein Analyzer & Rapid Fat Analyzer, BCSIR (24–28 October 2021)
- UV-visible Spectrophotometer & Ion Chromatograph, BCSIR (03–07 January 2021)

Professional Memberships

- Information not provided

Awards

- Information not provided

References

- Available upon request.

Last Updated: Wednesday 8th April, 2026