

Academic Staff (Faculty) Profile:



➤ **Personal Information:**

Dr. Atanu Koner

Department: Biotechnology, The University of Burdwan, Burdwan, West Bengal, India

Email: atanukoner@gmail.com; akoner@biotech.buruniv.ac.in

Contact: +91 94743 74800

Academic Positions: Faculty, Department of Biotechnology (joined March 7, 2008)

Research Interests: Immunology and Animal Biotechnology

Specializations: Cytotoxicity, heavy metal effects on mammalian systems, natural product extraction, antimicrobial compound studies

Education:

- Ph.D. in Biotechnology
- M.Sc. in Biotechnology (Gold Medalist, University of Burdwan)
- B.Sc. in Biotechnology (First Class First, University of Burdwan)
- National Scholarship recipient (Class X and XII)

Teaching Experience: Over 17 years

Past Roles: Guest Lecturer, Department of Microbiology, The University of Burdwan; Assistant Professor, Durgapur Institute of Science & Technology

Key Publications (selected):

Isolation of Antimicrobial Compounds from Chicory Root (Int. J. of Research in Pure & Applied Microbiology)

Detoxification of Homeopathic Potency Using Eukaryotic System (World Journal of Science and Technology, 2012)

Isolation and Characterization of IgM from Bengal Goat Blood Serum (Research Journal of Biology, 2013)

Effect of Argentum Nitricum (AgNO_3) in In Vivo and In Vitro Systems (Research Journal of Biology, 2015)

Nutraceuticals from Chicory Root (Biotechnological Approaches to Improve Medicinal Plants, 2011)

Effect of Silver and Lead Nitrates on Implantation Interference and Teratogenicity (2020)

Cytotoxic Effect of AgNO_3 on *Mus musculus* (Journal of Emerging Technologies and Innovative Research, 2023)

Publications Totals: Authored over 8 research papers (6 international, 2 national) and 1 book chapter

Awards & Honors: University Gold Medalist; multiple academic honors and national scholarships

Notable Achievements: Strong track record in immunology and animal biotechnology; active mentor for young researchers