

Mr. Debangshu Ganguly

Assistant Professor
Department of Medical Laboratory Technology (MLT)
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Qualification:

- M.Sc. in Biochemistry from Vidyasagar University, Midnapore, West Bengal

Teaching Experience: 3 years

Expertise:

- **Microbiological Techniques:** Gel electrophoresis, Culturing and Isolation of microorganisms, Antibiotic Susceptibility Testing, Microscopy, Quality Control
- **Biochemical Techniques:** TLC, PC, Colorimeter, Digital pH meter, UV-spectrophotometer, Routine analysis of blood and urine parameters (glucose, proteins, creatinine, etc.), ELISA

Projects:

- i) Project on **“Production of exopolysaccharides & nanoparticles synthesis from thermophilic bacteria”** for the partial fulfilment of the requirements for the degree of Masters of Science in Biochemistry from Vidyasagar University.
- ii) A comprehensive review on **“Biofilm formation and its mechanism”** for the partial fulfilment of the requirements for the degree of Masters of Science in Biochemistry from Vidyasagar University.

Seminar & Workshop:

- i) Participated and presented a model on a one-day seminar on **“Sustainable Utilisation of Biodiversity in Biotechnology”** organized by **Department of Biotechnology, St. Xavier’s College, Burdwan (Affiliated to the University of Burdwan)** on 6th January, 2018.
- ii) Participated in Hands-on training on **“Advanced Techniques in Biological Sciences”** conducted by **Burdwan Institute of Management and Computer Science and Oriental Institute of Science and Technology**, from 5th March to 20th March, 2022.
- iii) Participated as Faculty in **27th Congress of Biomedical Laboratory Science** conducted by **All India Institute of Medical Technologists** on the theme **“Role of BLS in Global Management of Communicable Diseases”** held on 11th & 12th February, 2023 at New Digha, West Bengal.
- iv) Participated as Faculty on the 8th Annual Conference of Bengal Society of Haematology **“BeSHCON 2024”** on the theme **“Targeted Therapies – Hitting the Bull’s Eye”** on 16th-17th February, 2024 at Biswa Bangla Mela Prangan, Kolkata.

v) Participated as Faculty in the **International Seminar on “Current Advancements in Modern Biology”** held on 25th October, 2024 at University of Gour Banga, West Bengal, India jointly organized by **Department of Physiology, Botany, Zoology and Food & Nutrition** in association with **IQAC, University of Gour Banga**.

vi) Participated and acted as an organizer in the **International Seminar on “Emerging Trends in Allied Health Sciences”** jointly organized by **Vidyasagar Paramedical Institute (Affiliated to WBUHS)** and **Krishna Nursing Institute (Affiliated to WBUHS and WBNC)** on 24th-25th June, 2025.