Curriculum Vitae

Name: Dr. MUNMUN SIKDAR

Designation: Assistant Professor (W.B.E.S.) in Microbiology

Highest qualification: M.Phil & Ph.D in Microbiology, NET

Contact details/Office address: Department of Microbiology, Darjeeling Government College, Richmond Hill, Lebong Cart Road, Darjeeling, WB-734101



Vidwan ID: 613635

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Date of joining to this institution: 29.01.2025

Date of joining W.B.E.S.: 29.01.2025

- Previous position(s) held: DISTRICT MICROBIOLOGIST (IDSP-CD), District Public Health Laboratory, Hooghly District Hospital, West Bengal State Health and Family Welfare Samiti, Govt. of West Bengal from Jun'2017 to Jan'2025
- Worked as a Lecturer in Asansol Girls' College affiliated to The University of Burdwan, West Bengal from Jan'2013 to Jun'2017

Teaching experience in years & months: 04 Years 06 Months

Awards, Recognition and Honours:

- **1.** Awarded with Rajiv Gandhi National Fellowship Scheme (JRF & SRF) sponsored by University Grants Commission (UGC), Govt. of India. (2009-12).
- 2. **Qualified ARS-NET (National Eligibility Test) in life Science in 2015** conducted by Agricultural Scientists Recruitment Board (ASRB), Indian Council of Agricultural Research (ICAR).

Courses taught: Bacteriology, Medical Microbiology, Recombinant DNA Technology, Environmental Microbiology, Virology, Molecular Biology, Agricultural Microbiology, Clinical Microbiology (Diagnostic methods).

Research area/ interest: Environmental Microbiology, Medical Microbiology

Detailed list of publications

*Peer reviewed journals

- 1. **Sikdar Munmun**, Das Santanu, Veerasamy Muralikrishnan (2011) Exploring the ability of selected bacteria in potential naphthalene depletion and biosurfactant production. *Recent Research in Science and Technology*. 3(11): 100-104, Online ISSN:2076-5061
- Sikdar Munmun, Das Santanu, Veerasamy Muralikrishnan (2011) Effect of various carbon sources on poly-β-hydroxybutyrate production by screened strains of *Wautersiaeutropha*. *Journal of Ecobiotechnology*. 3(8): 26-28, Online ISSN:2077-0464
- 3. Das Santanu, **Sikdar Munmun**, Veerasamy Muralikrishnan (2011) Random Mutagenesis on *Wautersiaeutropha*for Improving Poly-β-Hydroxybutyrate Production from Inexpensive Carbon sources. *Res. J. Biotech.* 6(1): 5-9

*Conference proceedings

 Santanu Das, Munmun Sikdar, and Muralikrishnan Veerasamy(2010) Improved Poly-β-hydroxybutyrate Production by Mutagenised Strains of *Wautersiaeutropha*Under Nitrogen and Phosphate Limitations. International Conference on Biotechnology, Food and Bioengineering – Emerging Trends and Future Prospects (ICBFBE 2010) 25-26 Feb 2010

*Chapters in books: NA

Participation in Workshops/ Training programme/ Certificate course/Seminars etc.

- 1. International Conference on Biotechnology, Food and Bioengineering Emerging Trends and Future Prospects (ICBFBE 2010)
- 2. Workshop on Mental Health, Ethics, and the Emerging Issues and Research Pathway Needed (Organised by DLR Prerna in collaboration with St. Joseph's College, Darjeeling) 11-March 2025