

Curriculum Vitae

Dr.SubhasisSarkar, M.Sc.,Ph.D.

Assistant Professor

Department of Microbiology,

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Swami Vivekananda University, Barrakpore



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Citations 1439

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PROFESSIONALDETAILS

Assistant Professor, Department of Microbiology, SwamiVivekanandaUniversity,Barrackpore,
West Bengal (September, 2021 – till date)

Visiting Lecturer, Department of Food & Nutrition,Panihati Mahavidyalaya,Kolkata- 700110
(November, 2020- August, 2021).

AssistantProfessor,Department of Microbiology,KingstonCollegeofScience(March,2016–
October, 2020).

GuestLecturer,Department of Microbiology,WestBengalStateUniversity,Barasat(August, 2019-
August, 2021)

GuestLecturer,Department of Food&Nutrition,WestBengalStateUniversity,Barasat(August,
2018- January, 2019)

GuestLecturer, Department of Physiology,WestBengalStateUniversity,Barasat(January,2019-
August, 2019)

SeniorProject Fellow,Instituteof EnvironmentalStudiesand WetlandManagement,Govt.ofWest
Bengal (July, 2015- March, 2016).

GuestLecturer,Department of Molecular Biology& Bioinformatics,TripuraUniversity,ACentral

University(Sep,2014-May,2015).

Project Assistant, Indian Association for the Cultivation of Science, Kolkata, Govt. of India (Nov 2005- April 2006)

GENERALINFORMATIONS

DATEOFBIRTH: 10thDecember,
1981NATIONALITY: Indian
GENDER: Male

ACADEMICBACKGROUND

Ph.D.inBIOTECHNOLOGYin2014fromUniversityof
CalcuttaM.Sc. in BIOTECHNOLOGY in 2005 from
University of Calcutta
B.Sc.(Honors)inMICROBIOLOGYin2003fromUniversityof CalcuttaHigher
Secondary in 2000 from WBCHE
Secondaryin1998fromWBBSE

REVIEWER

1. Journalof Ecology and Natural Environment
2. ArabianJournalof Geosciences
3. Journal of Applied and Fundamental Sciences

FUTURERESEARCHGOAL

1. Search for antimicrobials.
2. Exploration of potential microorganism for waste remediation.

Examiner & Paper Setter

(i) M.Sc. (Molecular Biology & Bioinformatics), Tripura University, (ii) B.Sc. & M. Sc. (Microbiology), West Bengal State University, Kolkata; (iii) M.Sc. (Microbiology), Jis Univesity, Kolkata, (iv)B. Tech (Biotech), Amity University, Kolkata; (v) Ph.D.: The Neotia Univesity, West Bengal,(v)B.Sc.,M.Sc.&Ph.D.(Microbiology&Biotechnology):SwamiVivekanandaUniversity.

Mentor

M.Sc.Dissertation:05(completed),05(on going)

Research Guide

Ph.D.(on going):04

Invited Speaker in National Level Workshop

1. National level training workshop entitled “Safety, health and environment” and honoredtodemonstratethemicrobiologyexperimentationrelatedtodrinkingwaterin2007, arranged by National Institute for Teacher's Training and Research, Government of India.
2. Microbial Biotechnology for Sustainable Environment (2022). Invited Lecture on National Science Day (February 28, 2022). Sree Chaitanya College, Habra, North 24 Pgs. West Bengal-743268.
3. Bioremediation: A way forward towards sustainability of environment (2023). Extension

Lecture Session. RKVM Sarada Ma Girl's College, Kolkata-700126.

4. Two Days Workshop.....Organized by Kalyani Mahavidyalaya &SHRM Pvt Ltd.

Seminars &Symposiums

1. Identification of microbial community from soil and water sample: a potential tool for microbial forensics (2011). Subhasis Sarkar, Prosun Tribedi, Koushik Mukherjee, Tapan Saha and Alok KumarSil. Proceedings in Indian Science Congress Association at SRM University, Channei, Tamil Nadu, India.

2. Oxidic-anoxic coupling in single pond treatment wastewater (2011). Subhasis Sarkar, Phani BhusanGhosh, Tapan Saha and Alok Kumar Sil. Proceedings in International Conference for Recycling andReuse of Materials at Mahatma Gandhi University, Kottayam, Kerala, India.

3.Sediment Microbial Activity in Single Pond Sewage Stabilization process (2011). SubhasisSarkar, Phanibhusan Ghosh, Alok Kumar Sil, Tapan Saha. Proceedings in National Seminar on Environmental Pollution and Bioremediation at Jawaharlal Nehru University, New Delhi, India.

4.MunicipalSewageTreatmentinSinglePondSystem:"Wise Use ofWetland Ecosystem" (2012). Subhasis Sarkar, Koushik Mukherjee, Phanibhusan Ghosh, Alok K Sil, Tapan Saha. Proceedings in National Seminar on Recent advancement in Microbiology and Biotechnology at Bidhannagar College, Kolkata, West Bengal, India.

5.Sustainable strategy for municipal sewage recycling: Wise use of wetlands (2012). SubhasisSarkar, Ghosh PB, Sil AK, Saha T. Proceedings in International conference on Biodiversity & Sustainable Energy Development at HICC complex, Hyderabad, Andhra Pradesh, India.

6.Natural Treatment of Municipal Sewage in a Sustainable way: Physicochemical and Microbial community study shed light into underlying Mechanism (2013). Subhasis Sarkar, Phanibhushan Ghosh, Alok Kumar Sil, Tapan Saha. Proceedings in National Seminar on Green Technologies for Sustainable Environmental Management at Doon Unieversity, Dehradun, Uttarakhand, India.

7.Suspended Particulate Matter Dynamics act as a driving force for Single Pond Sewage Stabilization System (2013). Subhasis Sarkar, Phanibhushan Ghosh, Tapan Saha, Alok Kumar Sil. Proceedings in International Symposium on Frontier Discoveries and Innovations in Microbiology and its interdisciplinary Relevance (FDMIR-2013) at Maharshi Dayanand University, Rohtak, Haryana, India.

8. Microbial Community and Water Purification (2019). Subhasis Sarkar, Prosun Tribedi, Alok Kumar Sil. In: National Symposium on "Biotechnology: How is it changing our lives? atThe Neotia University, Kolkata, West Bengal.

9.The Dynamics of Microbial Functional Diversity during Sewage Purification at East Kolkata Wetland (2024). Subhasis Sarkar. International Conferences on "Scope of Microbiology beyond academia: industry entrepreneurship and more' at Vijaygarh Jyotish Ray College, in Collaboration with Microbiologists Society of India & E-Yuva Centre, Adamas University (supported by BIRAC), Jadavpur, West Bengal.