

Suranjana Sarkar



Assistant Professor, Dept. of Microbiology, School of Life Sciences

Swami Vivekananda University (1/12/2020- Present)

Role

- Provided instructional assistance and monitored student progress.
- Monitored and provided specific information and documentation of student's reading needs and their respective progress.
- Organized and conducted national and international conference, seminars and workshops.
- Served on academic and administrative committees as assigned.
- Contributed to the efficient management and administration of the department and the university.
- Handled undergraduate and graduate course classes.
- Maintained an active research program and motivated active participation.
- Adhered to the academic rules, regulations, policies and standards.

CAREER ACHIVEMENTS

- NPTEL-AICTE Faculty Development Programme funded by the MoE, Govt. Of India, certificate for successfully completed Microbial Biotechnology (1 % topper).
- NPTEL-AICTE Faculty Development Programme funded by the MoE, Govt. Of India, certificate for successfully completing the course Food Microbiology for Safe and Sustainable Food Systems (5% Topper).
- NPTEL-AICTE Faculty Development Programme funded by the MoE, Govt. Of India, certificate for successfully completed Cell Culture Technologies (2 % topper).
- NPTEL-AICTE Faculty Development Programme funded by the MoE, Govt. Of India, certificate for successfully completed Modern Food Packaging Technologies: Regulatory Aspects and Global Trends, IIT Kharagpur (Elite Gold Medal).
- Second Prize (Faculty) for Poster Presentation at 2nd International Conference Conference on "Innovations in Sustainable Drug Discovery & Development to Combat the Crisis of Antimicrobial Resistance" 2025, Eminent College of Pharmaceutical Technology.
- Best Oral Presentation (Faculty) in National Conference on "Recent Advances in Animal Science" 2026, University of North Bengal.

- Paper selected and presented at 33rd West Bengal State Science and Technology Congress, department of Science and Technology and Biotechnology, Government of West Bengal.

EDUCATIONAL QUALIFICATION

Qualification	Institution	University/ Board	Year	Subject
Ph.D.	Swami Vivekananda University	Swami Vivekananda University	2026	Microbiology
Post Graduation	Bidhannagar College	West Bengal State University	2017	Microbiology
Graduation	Gurudas College	University of Calcutta	2015	Microbiology (Hons)
Higher Secondary	Indira Gandhi Memorial High School	CBSE	2012	Science (Physics, Chemistry, Biology, English, Bengali, Mathematics)
Matriculation	Indira Gandhi Memorial High School	CBSE	2010	Science, Social Science, English, Mathematics, Bengali

INTERNSHIP & DISSERTATION

Dissertation

Institute of Post-Graduate Medical Education & Research (IPGMER)

Topic- Aggravation of systemic inflammation as a result of periodontal infection and PAD4 levels in patients with rheumatoid arthritis.

Hands-on Techniques:

- Bacterial DNA Isolation
- ELISA
- Western Blotting
- Anaerobic Culturing of Bacteria
- PCR Amplification

TEACHING EXPERIENCE

UG & PG Level CBCS based curriculum.

TECHNICAL SKILLS

- Drug Designing
- Cheminformatics
- Computational Biology
- Bacteriology
- Biochemical Analysis
- Molecular biology
- Immunological Techniques
- Biophysical techniques

Suranjana Sarkar

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Publications: 65

Patent Published: 02

OTHER INFORMATION

Software & Computer Skills	Photoshop, Google G Suite, AutoDock Vina AutoDock Tools (ADT) PyMOL Discovery Studio Visualizer GOLD GROMACS AMBER NAMD VMD (Visual Molecular Dynamics) MEGA GraphPad Prism RStudio OriginPro
Languages	English, Hindi and Bengali

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