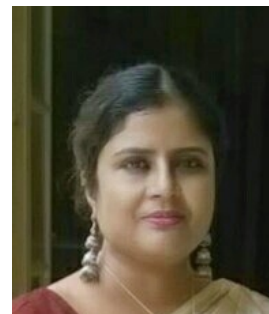


FACULTY MEMBER ACADEMIC PROFILE

1. **Name of the Faculty member:** Dr. SUTAPA SANYAL
2. **Designation:** Assistant Professor in Zoology (W.B.E.S.)
3. **Qualification:** M.Sc. (CU), B.Ed., Ph.D. (CU)
4. **Specialization:** Fishery and Aquaculture
5. **E-mail address:** sutapa2007.sanyal@gmail.com
6. **Date of Joining in W.B.E.S.:** 25.04.2007
7. **Date of Joining in this College:** 16.06.2015
8. **Total Teaching experience in College level:** 11+ years (UG + PG)
9. **Research interests:** Fishery and Aquaculture
10. **Title of thesis (Ph.D.) with year:** “Qualitative and Quantitative assessment of bacterial population of exposed fish species and their environment in different ponds utilized for natural purification of wastewater” (awarded in 2013)
11. **Research guidance:** Nil
12. **Research Projects (Completed and ongoing):** 02



Year	Name of PI	Title of Project	Amount (in Rs.)	Duration	Funding Agency with date
2009-2011	Dr. Sutapa Sanyal	Health hazards assessment from antibiotic resistance bacteria associated with waste fed freshwater fishery	1, 15,000/-	2 years (Oct. 2009 to Apr. 2011)	UGC Minor Research project (F.PSW-054/09-10(ERO)
2018-2021	Dr. Sutapa Sanyal	Bacteriocins: Novel and Highly Potent Biopreservative in Fishing Industry	10,79,900/-	3 years	DST, Govt. of W.B., Sanction No: 281(Sanc)/ST/P/S&T/1G-52/2017

13. **List of publications:**

A) Published papers in Journals:

1. “Drug Resistance Profiles of Coliforms from Sewage Exposed Fish”, **S. Sanyal**, A. Basu and S. Banerjee, *World Journal of Fish and Marine Sciences*, **2011**, 3(4), 275-282 [ISSN 2078-4589].
2. “Transferable drug resistant coliforms in fish exposed to sewage”, **S. Sanyal** and S. Banerjee, *Archives of Polish Fisheries*, **2013**, 21, 29-39 [ISSN 2083-6139; IF: 0.632].

3. "Acclimatization to Heat Stress in Nistari Race of *Bombyx mori*", S. Sinha and **S. Sanyal**, *Journal of Entomology and Zoology Studies*, **2013**, 1(6), 61-65 [ISSN 2349-6800; **IF: 0.37**].
4. "Prey selectivity and efficient biocontrol of dengue by guppies: Effects of alternative prey and habitat complexity", **S. Sanyal** and S. Ghosh, *International Journal of Pure and Applied Zoology*, **2014**, 2(4), 339-347 [ISSN 2320-9577; **IF: 0.765**].
5. "Prey Selection in Relation to the Mosquito Control Efficacy of Guppy", **S. Sanyal**, *Manan*, July **2016**, 2(2), 132-138 [ISSN 2348-3849].
6. "Formalin in fish trading: an inefficient practice for sustaining fish quality", **S. Sanyal**, K. Sinha, S. Saha and S. Banerjee, *Archives of Polish Fisheries*, March **2017**, 25, 43-50 [ISSN 2083-6139; **IF: 0.632**].

B) Chapter in Books:

"Occurrence and antibiotic susceptibility of bacteriological indices isolated from fish cultured in waste fed wet land", **S. Sanyal**, A. Basu and S. Banerjee, Eds. A. Sinha, S. Datta and B. K. Mahapatra, In '*Diversification of aquaculture*', Narendra Publishing House, **2011**, Chapter 19, 201-209 [ISBN 978-93-8042-853-6].

C) Book:

"Questions and Answers in Zoology. Part I", R. Kr. Datta and **S. Sanyal**, Archana Publishing Centre, Kolkata, April **2016**.

14. Membership of Learned Societies/ Editorial Boards, etc.:

Life member of Zoological Society Kolkata

15. Patents: Nil

16. Awards:

1. **S. P. Roychowdhury Award** for "**Best Poster Presentation**" for poster entitled "A study on Monsoon Microbial Load of River Ganga in two different sites of West Bengal" in **National Seminar** on 'Faunal Diversity: Status, Utilization and Impact on Human Health' organized by University of Calcutta and Zoological Society Kolkata in **2008**.
2. **R. K. Sur Award** for **Best Presentation** of "**unpublished original research work in the line of animal science**" for **Paper** entitled "*Pathogenic bacteria and transferable drug resistant coliforms of public health significance in sewage exposed fish*" in **R.K. Sur Memorial Lecture** on 'Animal Science' organized by the Zoological Society Kolkata in **2013**.
3. **Best Poster Award** for presenting poster entitled "*Multidrug-tolerant bacteria and transfer of their resistance factors in microbial milieu of sewage system*" at UGC-SAP sponsored **National Conference** on 'Effect of Climate Change on Faunal Diversity' organized by Department of Zoology, University of Kalyani, on **27th February, 2017**.

17. Other notable activities:

1. Supervised Departmental Excursion of **42 students** of **UG 2nd Year (Hons)** and **PG Semester-1** to **Sunderbans**, South 24 Parganas, West Bengal from **14-16th December, 2015** (3 days).
2. Supervised Departmental Excursion of **22 students** of **UG 2nd Year (Hons)** to **Vizag and Araku, Andhra Pradesh** from **04-08th December, 2016** (5 days).
3. Supervised Departmental Excursion of **32 students** of **UG 2nd Year (Hons)** and **PG Semester-2** to **Chandipur, Orissa** from **26th February - 01st March, 2018** (4 days).
4. Supervised Departmental Excursion of **06 students** of **PG Semester-3** (Fishery Special Paper) to **Kanchrapara Fish Co-operative Society, Nadia**, on **30st August, 2016**.
5. Supervised Departmental Excursion of **04 students** of **PG Semester-3** (Fishery Special Paper) to **Kanchrapara Fish Co-operative Society, Nadia**, on **16th December, 2017**.

18. A) Participation in Seminars/Symposia/Conferences/Workshops:**Seminars:**

1. **Presented a Poster** entitled “*A study on Monsoon Microbial Load of River Ganga in two different sites of West Bengal*” in **National Seminar** on ‘*Faunal Diversity: Status, Utilization and Impact on Human Health*’ organized by Department of Zoology, University of Calcutta on **16th February, 2008**.
2. **Presented a Paper** entitled “*Depuration of bacteria from fish*” for the selection of **Shudev Bhusan Ghosh Young Scientist Award (2009-10)** organized by the Zoological Society, Kolkata on **11th December, 2010**.
3. **Presented a Paper** entitled “*Bacteriological contamination and ability of self purification of fish reared in waste fed wet land*” in **18th West Bengal Science and Technology Congress** (State level) organized by Ramakrishna Mission Residential College, Narendrapur and West Bengal Science and Technology Department, Government of West Bengal on **28th February to 1st March, 2011**.
4. **Presented a Paper** entitled “*Pathogenic bacteria and transferable drug resistant coliforms of public health significance in sewage exposed fish*” in the **Regional level R.K. Sur Memorial Lecture** on ‘*Animal Science*’ organized by the Zoological Society, Kolkata on **12th February, 2013**.
5. **Presented a Poster** entitled “*Predatory Preference of Poecilia reticulata to Aedes Larvae: An Efficient Biocontrol to Dengue*” in **National Seminar** on ‘*Frontiers in Modern Biology*’ organized by IISER, Mohanpur, on **10th December, 2013**.
6. **Presented a Paper** entitled “*Quality characteristics of formalin contaminated fish*” in **International Conference** on ‘*Aquatic Resources and Sustainable Management*’ organized by Central Calcutta Science & Culture Organization for Youth, in collaboration with the University of Calcutta on **17th to 19th February, 2016**.
7. **Presented a Poster** entitled “*Transferable antibiotic resistant bacteria: A limit to waste fed aquaculture*” in **RUSA Funded International Level Seminar** on ‘*Recent Trends in Microbiology*’ organized by Ramakrishna Mission Vidyamandira, Belur Math on **14th January, 2017**.
8. **Presented a Poster** entitled “*Multidrug-tolerant bacteria and transfer of their resistance factors in microbial milieu of sewage system*” in **UGC-SAP sponsored National Conference** on ‘*Effect of Climate Change on Faunal Diversity*’ organized by Department of Zoology, University of Kalyani, on **27th February, 2017**.
9. **Presented a Paper** entitled “*Gene transfer in microbial milieu of sewage system*” in **29th All India Congress of Zoology and International Symposium on Culture Based Fisheries in Inland**

Open Waters and International Satellite Symposium on Fish Immunology organized by ICAR-Central Inland Fisheries Research Institute, Barrackpore on **9th-11th June, 2017**.

10. **Presented a Paper** entitled “*Use of formalin for artificial quality retention of fish*” in **2nd Regional Science and Technology Congress (Southern Region)**, organized by University of Kalyani on **14th - 15th December, 2017**.

Workshops:

1. Participated in **ICAR Sponsored Short Course** on ‘*Molecular approaches in diagnosis and control of emerging and transboundary diseases of freshwater fish and shellfish*’ organised by ICAR-Central Institute of Freshwater Aquaculture Kausalyaganga, Bhubaneswar, Odisha from **17th to 26th November 2015**.
2. Participated in the **two-day National Seminar and Workshop** on ‘*Scientific Devices, Technology Applications and Community Linkage*’ organized by Immunobiology and Regenerative Medicine Research Unit, Department of Zoology, University of Calcutta, in collaboration with Centre of Excellence, University of Calcutta, funded by TEQIP Phase II-CoE and held at the Centre for Research in Nanoscience and Nanotechnology (CRNN) on the **18th & 19th of March 2017**.

Invited Lectures:

1. Delivered an interactive invited lecture at **Science Teachers’ Training Workshop** organized by Jagadis Bose National Science Talent Search, funded by NCSTC-Department of Science and Technology, New Delhi, Govt. of India on **18th May, 2017**.
2. Delivered an interactive invited lecture at a Workshop entitled ‘**Science Teachers’ Training Program**’ organized by Jagadis Bose National Science Talent Search, funded by NCSTC-Department of Science & Technology, New Delhi, Govt. of India on **20th July, 2017**.

B) Participation in OP/RC:

1. Participated in UGC sponsored **Orientation Programme** organized by UGC-ASC, University of Calcutta from **5th to 30th July, 2010**.
2. Participated in UGC sponsored **Refresher Course** organized by UGC-ASC, University of Calcutta from **12th June to 2nd July, 2014**.