

CURRICULUM VITAE

- **NAME:-** Dr. BARNALI MANNA
- **DESIGNATION :** State aided college teacher 1
- **EMAIL ID :** manna12.barnali@sncwgs.ac.in
- **EDUCATIONAL QUALIFICATIONS:**

PhD from Aquaculture Research Unit, Dept of Zoology, University of Calcutta
M.Sc in Zoology – University of Kalyani (specialization in Endocrinology & Reproductive Physiology)
- **OFFICIAL ADDRESS:** 30, Jessore Road, K.B. Sarani, Golpark, North Dumdum, West Bengal 700028, India.
- **AREAS OF INTEREST :** Fishery, Ecology, Biochemistry, Classical Zoology, Endocrinology, Cell biology, Comparative Anatomy, Wildlife and Conservation, Environmental Biology.

TEACHING EXPERIENCE : 14 years 6 months

1. As Part time Lecturer in Hooghly Rammohan College: August 2001-February 2002
2. As Part time Lecturer in East Calcutta Girls' College: 2007- 2009
3. As Part time Lecturer in City College: 2013-2015
4. As Guest lecturer in West Bengal University of Animal & Fishery Sciences : 2015-2017
5. As Management approved part time lecturer in SNCW : May 2015- December 2019
6. As State aided college teacher 1 in SNCW : January 2020- Till date.

Research Experience: 9 years

Research Interest: Ornamental fish biology & behavior, Plankton identification & culture, mathematical modelling.

Place of Work: Aquaculture Research Unit, University of Calcutta & Indian Statistical Institute, Kolkata.

ADDITIONAL ACADEMIC PERFORMANCE:

1. Qualified **GATE- 2004** with **93** percentiles.
2. Completed NPTEL-AICTE conducted 12-week Faculty development programme funded by MoE, Govt.of India on basic Course in Ornithology & secured Elite badge.
3. Completed Two-day workshop on Analysis of Statistical data & use of R-code funded by SERB, DST, Govt. of India organized by Bidhannagar Govt.College on 17th-18th 2022.
4. 5 days FDP on Recent trends on Pharmaceuticals & Biomedical Research organized by JIS University from 3rd to 7th August,2021.
5. 13 days FDP on Entrepreneurship Development organized by Adamas University on 8th to 20th Feb,2021.
6. Completed two year Bachelor of Education (B.Ed) from The West Bengal University of Teachers Training, Education planning & Administration.
7. Participated in the interactive Workshop on CBCS , West Bengal State University
8. Completed three month online Graphology course from Kolkata institute of Graphology.

PAPER PUBLICATIONS :

a) Papers published in peer-reviewed journal

1. **Manna B.** Aditya G,Banerjee S..Vulnerability of the mosquito larvae to the guppies(*Poecilia reticulata*) in the presence of alternative preys, Journal of Vector borne diseases, Vol 48(3):200-206; 2008.
2. **Manna B.** ,Banerjee S.,Aditya G .Chattopadhyay J.Study of marine planktonic diversity in the Digha coast,Bay of Bengal, Proceedings of the dimensions in Zoological Research in Human Welfare, 2008.
3. **Manna B.** Aditya G, Banerjee S.Habitat Heterogeneity and prey selection of *Aplocheilichthys panchax*: an indigenous larvivorous fish, Journal of Vector borne diseases,Vol 45(3):144-149; 2011.
4. **Manna B.** Aditya G , Banerjee S. Population surveillance of *Poecilia reticulata* in Kolkata,India: Implications in mosquito regulation. Vector Biology Journal, 2016.1:3,DOI: 10.4172/2473-4810.1000113.

b) Papers presented in Seminars/Symposia/Conferences

1. A comprehensive study on floristic biodiversity in & around Sarojini naidu college for women, west bengal, India. **Barnali Manna**, Saranya Chakraborti, Adrija Saha, Aishi Das, Manila Basu, Moumita Dutta & Shruti Sanpui . International conference named 8th India Biodiversity Meet at Indian Statistical Institute on March 24-26,2025.
2. Climate change and effect of Toxin producing phytoplankton on Zooplankton population. **Barnali Manna**. International Seminar on recent advances in Life sciences, Dept.of Zoology, Sree Chaitanya College, Habra on 24th Feb,2024.
3. The Eco-friendly technology for sustainable management of different Industrial wastes-An overview. Sreelekha De & **Barnali Manna**. International seminar on Recent developmental trends in biological research, dept of zoology, APC college,15th July,2023.
4. Indigenous Ornamental fish for overseas trade: Sustaining Livelihood or Destroying Ecosystem? A Brief Overview. **Barnali Manna** and Soma Aditya (Bandyopadhyay). International Conference on Aquatic Resources and Sustainable Management CCSCYOY, Dept. of Fisheries, WB & CU, Science City, Kolkata, February 17-19, 2016.
5. Influence of *Aplocheilus panchax* on Rice field Community: Implications for vector management. **Barnali Manna**, Gautam Aditya & Samir Banerjee. XIth International Symposium of Vector and Vector borne diseases held at Regional Medical Research Centre for Tribals (ICMR) in the occasion of 100 years of Biomedical Research, Jabalpur on 15th-17th October, 2011.
6. Impact of Habitat heterogeneity on the predation potential of the Indigenous killifish *Aplocheilus panchax*. **Barnali Manna**, Gautam Aditya & Samir Banerjee. Xth International Symposium on Vector and Vector Borne Diseases organized by Goa University and National Institute of Malaria Research from 4th-6th Nov, 2009 at Goa.
7. Oral presentation in the National Seminar on Dimensions in Zoological Research in human Welfare held on March 23rd-25th, 2007 in the Department of Zoology, University of Calcutta

University assignment :

- Served as Paper setter, Examiner, Moderator, Scrutineer of West Bengal State University
- Served as Examiner of Netaji Subhash Open University.
- Served as Practical course counsellor of Netaji Subhash Open University from 30th Oct to 11th Nov,2023.

Delivered Extension Lecture as Invited Speaker:

Invited speaker on International Seminar on Recent Trends in Life Sciences organized by Sree Chaitanya College, Habra.

Project/dissertation guidance:

1. Act as a Joint Course coordinator of 30-hour Biodiversity & conservation certificate course organized by Dept. Of Zoology, Sarojini Naidu College for Women on 2022
2. Course coordinator of Skill Enhancement Course on Ornamental Fish Keeping & Vermicompost production.
2. Guided students in M.Sc. dissertation on Fishery special paper at University of Calcutta & West Bengal University of Animal & Fishery Sciences.
3. Guided UG students to a State level Inter College competition named Ichthyoconnect & they secured 1st position in PPT presentation.

PROFESSIONAL MEMBERSHIP :

1. Life Member with Journal, The Zoological Society, Kolkata.
2. Life Member, Indian Science Congress Association
3. Life Member, National Academy of Vector Borne Diseases (NAVBD).

ADMINISTRATIVE EXPERIENCE :

Member- Cultural Committee
Member- Magazine Committee