

SUMAN BHATTACHARYYA

Aquatic Bioresource Research Laboratory

Department of Zoology

University of Calcutta

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EDUCATION

- 2009 **University of Calcutta**, Department of Zoology
Doctor of Philosophy Candidate in Ecology
Advisor: Professor Sumit Homechaudhuri
Thesis problem: DISTRIBUTION AND DIVERSITY PATTERN OF THE
ZOOPLANKTONIC COMMUNITY IN RELATION TO WATER
QUALITY OF SOME WETLANDS .
- 2003 **University of Calcutta, India**, Masters in Zoology with specialization in
Ecology
- 2001 **University of Calcutta, India**, Bachelor of Sciences with Honors in
Zoology.

DETAILED EDUCATIONAL STATUS

Degree(Subject)/Examination	Institute and Board/ Council/ University	Percentage of Marks	Division/ Class
Masters in Zoology	University of Calcutta	70	1 st
B.Sc.(Hons. in Zoology)	City College	62.75	1 st
Higher Secondary	The Scottish Church Collegiate School, W.B.C.H.S.C	60	1 st
Secondary (Madhyamik)	The Scottish Church Collegiate School	76.22	1 st

ACADEMIC HONOURS

Received **National Scholarship** from **Govt. of India** for 1st class degree in Graduations

TEACHING EXPERIENCES AND PROFESSIONAL ENGAGEMENTS

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| 2005 | Joined as a full time faculty member (contractual basis) in Department of Zoology, Bangabasi College (Undergraduate and Postgraduate), Kolkata.

Joined as a resource faculty member in Department of Zoology, Bethune College (Postgraduate) Kolkata. |
| 2006 | Selected as teacher-in-charge to mentor the post graduate students under Ecology Unit, Post graduate Dept. of Zoology, Bangabasi College . |
| 2006 | Member of Examination and Result Committee of Bangabasi College (Postgraduate).

Member of Examination and Result Committee of Bethune College (Postgraduate). |
| 2008 | Member of Examination and Result Committee of Rishi Bankim Chandra College, Naihati, West Bengal (Postgraduate). |

RESEARCH EXPERIENCE

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| 2005-Present | Research Scholar
Aquatic Bioresource Research Laboratory, Fisheries and Ecology Unit
Department of Zoology, University of Calcutta.
Enumerated the diversity patterns of zooplanktons from the selected habitats of different regions. Also measured various hydrological features and correlated those factors with zooplanktonic variations. Categorized those regions on the basis of distribution patterns of zooplanktons and hydrographic regimes. Submitted the thesis work for evaluation. |
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CONFERENCES ATTENDED

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| 2009 | Prospective in evolutionary biology, Dept. of Zoology, University of Calcutta. |
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- 2008 National Zoology Congress on “Biodiversity and Human Welfare” in Department of Zoology, Gauhati University, Gwahati.
- National seminar on “Science since Linnaeus” in Dept of Zoology, Bidhannagar College, Kolkata.
- Awareness and recent developments in life science, in Dept of Zoology, Bethune College, Calcutta.
- 2007 Poster presented “Taxonomic and Species Diversity of surrogate planktonic population compared between formed and wild aquatic systems.” in National Symposium in Department of Zoology, University of Calcutta.
- Poster presented “Cell cycle analysis in haemopoietic tissues of *Labeo rohita* exposed to freshwater copper ion accumulation” in a National Symposium on Limnology, College of Fisheries, MPUAT, Udaipur, Rajasthan.
- 2006 DST sponsored state level seminar on “Biodiversity” in Dept of Zoology, Bethune College, Calcutta.
- Workshop cum training programme on “Food safety” in collaboration with CFRL, Govt. of India, in Dept of Zoology, University of Calcutta.
- “Contemporary Zoology”, Dept of Zoology, University of Calcutta.
- Poster presented “Responses of some freshwater zooplankton species towards irradiation” in UGC sponsored State level symposium in Dept of Microbiology, at Barrackpore Rastraguru Surendranath College, Barrackpore, West Bengal.
- 14th Dipta Memorial Symposium on Attack on Ecological Balance- Impact on Mankind at Bose Institute, Kolkata.
- 2005 “Biological Research- Now and Beyond” in Dept of Zoology, University of Calcutta.
- 2004 “Pollution in natural waters and methods of conservation of Aquatic systems through water surveillance” under National Environmental Awareness Campaign (NEAC), Ministry of Environment and Forest (Govt. of India) in Dept of Zoology, University of Calcutta.
- Training programme on “Mangrove based Aquaculture/ Agriculture/Ecology” organized by Central Inland Fisheries Research Institute, Kolkata.
- 2003 Workshop on “Water Surveillance and Biodiversity estimates in Wetlands”, under National Environmental Awareness Campaign (NEAC), Ministry of Environment and Forest (Govt. of India) in Dept of Zoology, University of Calcutta.

Project participation on “Water Surveillance and Biodiversity estimates in Wetlands” under National Environmental Awareness Campaign (NEAC), Ministry of Environment and Forest (Govt. of India) in Dept of Zoology, University of Calcutta.

ORAL PRESENTATIONS

Presented a scientific research work “Pattern recognition in the planktonic community and cross comparison of diversity in relation to water quality of some wetlands” in the National Zoology Congress on “Biodiversity and Human Welfare” in Department of Zoology, Gauhati University, Gwahati in 2008.

PAPER PUBLISHED

“Comparison of Diversity indices and Hydrological variables of some aquatic systems exposed to anthropogenic stress” an original research work published in Journal “Environment and Ecology” 24s(3): 698-702, 2006.

“Radiation induced effects on viability and antioxidant enzymes of crustaceans from different habitats” an original research work has accepted in Journal of Environmental Biology on August 2009.

PERSONAL STRENGTHS:

- Effective in critical thinking and problem solving (both in concept and practices).
- Strong in **oral presentation**.
- Excellent in verbal and written communication in **three languages** (English, Hindi and Bengali).
- **Interpersonal** and **teamwork** skills.
- Entrepreneurial and excellent mentoring skill.

HOBBIES

Singing, Painting, Sketching, Cooking, Traveling and Reading.