

Curriculum Vitae

Name- Dr.Sejuti Roy (Naha Biswas) (Ph.D)

Designation: Assistant Professor, Department of Zoology, Dinabandhu Mahavidyalaya, Bongaon

Date of Birth- 2nd December, 1985

Nationality- Indian

Language known: Bengali, English and Hindi

Marrital Status- Married

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Academic Background

Exam	Year	Board/ University	% of Marks	Division/ Class
Ph.D	2014	C.U	-	-
M.Sc (Zoology)	2008	C.U	77.9	1st
B.Sc (Zoology Hons)	2006	C.U	68.5	1st
W.B.H.S.E	2003	West Bengal	78.3	1st
W.B.B.S.E	2001	West Bengal	84.8	1st

Additional qualification: NET (Lecturership), 2008

Research interest

- Ecology and biodiversity of Microzooplankton (Tintinnid) in coastal and marine water and the relative environmental factors for their existence.
- Occurrence and impact of algal bloom in Coastal & marine water
- Relation of Microzooplankton with phytoplankton and algal bloom
- Different hydrological parameters of water that are related to the survival and biodiversity of phytoplankton as well as Microzooplankton
- Molecular characterization of microzooplankton, especially tintinnid

Research Experience

Position	Duration	Institution	Remark
Junior Research Fellow	June, 2009- May, 2011	Department of Marine Science, University of Calcutta	Learnt field collection and preservation procedure of tintinnid and phytoplankton, identification of tintinnid and phytoplankton species, chemical analysis of hydrological parameters, analysis of water samples during stressed condition like algal bloom and different annual festival.
Senior Research Fellow	June, 2011- April, 2013	Department of Marine Science, University of Calcutta	Learnt statistical analysis of collected data and their application, analyzing multispecies bloom condition

Research Publications (In Peer reviewed Journals)

- 1) **Naha Biswas, S.**, Godhantaraman, N., Sarangi, R.K., Bhattacharya, B.D., Sarkar, S.K. & Satpathy, K.K., (2013A). Bloom of *Hemidiscus hardmannianus* (Bacillariophyceae) and Its Impact on Water Quality and Plankton Community Structure in a Mangrove Wetland. **CLEAN – Soil, Air, Water**, 41(4):333–339
- 2) **Naha Biswas, S.**, Godhantaraman, N., Rakshit, D. and Sarkar, S.K., (2013B). Community composition, abundance, biomass and production rates of tintinnids (ciliata: Protozoa) in the coastal regions of Sundarban Mangrove Wetland, India. **Indian Journal of Geo-Marine Science**, 42(2):163-173
- 3) **Naha Biswas, S.**, Rakshit, D., Godhantaraman N., Sarkar S. K. and Ahmed K., (2013, Feb). Biodiversity and community composition of tintinnid in Sundarban Mangrove Wetland, India along with a special case study. **Proceedings of the International Wetland Symposium (IWS)**, Nepal, 2012. ISBN: 978-9937-2-5938-5.
- 4) **S.N. Biswas, D. Rakshit, S.K. Sarkar, R.K. Sarangi, M.P. Jonathan** (2014 August). Impact of multispecies diatom bloom on plankton community structure in Sundarban mangrove wetland, India. Baseline, **Marine Pollution Bulletin**, **85(1):306-311**
- 5) **Dibyendu Rakshit, Sejuti Naha Biswas, Santosh K. Sarkar, Bhaskar D. Bhattacharya, Nallamuthu Godhantaraman & Keswar Ahmed** (2014, Jan). Seasonal variations in species composition, abundance, biomass and production rate of tintinnids (Ciliata: Protozoa) along the Hooghly (Ganges) River Estuary, India: A multivariate approach. **Environmental Monitoring and Assessment**, 186(3): 3063-3078
- 6) **Bhattacharya, B.D., Nayak, D.C., Sarkar, S.K. and Naha Biswas S.**, (2015, June). Distribution of dissolved trace metals in coastal regions of Indian Sundarban mangrove wetland: A multivariate approach. **Journal of Cleaner Production**, **96(1), 233-243**
- 7) **Sejuti Roy, Niladri Shekhar Das, Shubhajit Saha & Dipshikha Ghosh** (2022). Idol immersion in Ichhamati river and its impact on water quality parameters. **International journal of Experimental Research and Review**, **29: 40-47**
- 8) **Sejuti Roy and Santosh Kumar Sarkar** (2022). Anthropogenic impacts on Plankton biodiversity and water Quality Parameters. **Indian Journal of Environmental Protection**, **42(12): 1456-1463**

Chapter in a book:

Sarkar , S.K., Satpathy, K. K., Jonathan , M. P., Bhattacharya, A., Alam, A., Chatterjee , M., Bhattacharya , B. D. and Biswas, S. N. (2012). Persistent Organic Pollutants (POPs) in Sediments and Biota in Coastal Environments of India. In: Environmental Chemistry for a Sustainable World. Volume 1. Nanotechnology and Health Risk. (eds.) Eric Lichfouse, Jan Schuwarzbauer, Didier Robert. pp: 375-406

Paper Presented in National and International Seminars

- 1) An abstract entitled “Ecology of Tintinnids, the loricate ciliate, in the coastal regions of Sundarban Mangrove wetland, India” was submitted and presented in a national seminar held on 24-25th February, 2012 at Berhampur University, Orissa.
- 2) An abstract titled “Biodiversity of tintinnid (Protozoa: Ciliata) in coastal regions of Sundarban mangrove wetland with a note on adverse impact on the community structure due to algal bloom” was accepted and presented in a national seminar (NSRTMES), held on 21st-22nd June, 2013 at Acharya Prafulla Chandra Roy Campus, University of Calcutta.
- 3) A paper entitled “Biodiversity and community composition of tintinnid in Sundarban Mangrove Wetland, India along with a special case study” was accepted and presented in an International Symposium, held on 7th-9th November, 2012 at Pokhara, Nepal.
- 4) An abstract entitled “Occurrence and Impact of algal bloom on the biodiversity of phytoplankton and tintinnid community in Sundarban Mangrove Wetland, India” was accepted and presented in an International conference held on 30-31st Jan, 2014 at Mysore, Karnataka.
- 5) An abstract entitled “Anthropogenic impacts on plankton biodiversity and water quality parameters” was accepted and presented in an International seminar held on 31st Dec, 2019 at East Calcutta Girls College, Kolkata.

Teaching Experience

1. Guest Lecturer in HiralalMajumder College for Women (Dakshineswar) from October, 2013 to Jan, 2017
2. Guest Lecturer in Gurudas College from September, 2014 to Jan, 2017
3. Assistant Professor in Dinabandhu Mahavidyalaya, Bongaon from 30th jan, 2017 till date.

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