

a) Name- Dr.SejutiRoy (Naha Biswas)

b) Qualification: (Ph.D)

c) Specialization: Environmental Biology

d) 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

e) **E-mail-** snahabiswas@gmail.com

f) List of 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, NallamuthuGodhantaraman&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

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

g) Awards and Scholarships won: Nil

h) Institutional Membership: Nil

i) Conference Attended

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.