

## **DR. DEEPJAY SARKAR**

Assistant Professor

M.Sc. (Geology), Ph.D.

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### » **Overview:**

I try to see behavioural aspects of different Recent and fossil taxa. I used Marine Molluscs for my study. I look after different biotic and non-biotic factors for understating coastal ecology for Marine Molluscs groups. I do have the expertise to maintain and developing marine aquarium system. I also work as a conservation ecologist. I work with bird diversity and taxonomy and I do photograph different wildlife in and around different habitat areas and do use them for different academic and conservation purposes.

### » **Date of appointment to the present job:**

19/08/2019

### » **Other Academic/ Administrative post:**

N. A.

### » **Academic background:**

- Since 2019 (Aug) to present - Assistant Professor, Triveni Devi Bhalotia College, Department of Geology, College Para Rd, Raniganj, West Bengal 713347.
- 2019 (April) – 2019 (Aug) Postdoctoral fellow (National Postdoctoral Fellow), National Stable Isotope Facility, Indian Institute of Technology, Kharagpur – 721302.
- 2018(June) – 2019(March). Postdoctoral fellow (Institute Fellow), National Stable Isotope Facility, Indian Institute of Technology, Kharagpur – 721302.
- 2017 – 2018. Research Associate, Department of Earth Sciences, Indian Institute of Science Education and Research (IISER) Kolkata, India.
- 2012-2017- Ph.D. Department of Earth Sciences, Indian Institute of Science Education and Research (IISER) Kolkata, India. Thesis title: “Nature of marine bivalve distribution along Indian coast and its environmental correlates”. Supervisor: Dr. Devapriya Chattopadhyay.
- 2009-2012- M.Sc. Tech., Applied Geology, Indian School of Mines, Dhanbad, India. Thesis title: “Human impact on intertidal bivalve, *Meretrix meretrix*: ecological and historical consequences.” Supervisor: Dr.Tajdarul Hassan Syed (Indian School of Mines), Dr. Subhendu Bardhan, (Jadavpur University).
- 2005-2009- B.Sc. (H). Geological Sciences, Jadavpur University, Kolkata, India.
- 2003-2005- Higher Secondary Examination, West Bengal Council of Higher Secondary Education, West Bengal, India.
- 2003- Madhyamik Pariksha (10<sup>th</sup> Grade), West Bengal Board of Secondary Education, West Bengal, India.

### » **Information about Ph.D.:**

- **Date of Award:** 5<sup>th</sup> Sept. 2017
- **Title of the Thesis:** *Nature of marine bivalve distribution along Indian coast and its environmental correlates.*

» **Professional Qualifications:**

N. A.

» **Publications in Journals:**

1. Chattopadhyay, D., Sarkar, D. and Bhattacharjee, M. (2021) The Distribution Pattern of Marine Bivalve Death Assemblage From the Western Margin of Bay of Bengal and Its Oceanographic Determinants. *Front. Mar. Sci.* 8:675344. doi: 10.3389/fmars.2021.675344.
2. Mondal S., Chakraborty H., Saha S., Dey S., Sarkar D. (2021) High biogeographic and latitudinal variability in gastropod drilling predation on molluscs along the eastern Indian coast: Implications on the history of fossil record of drillholes. *PLoS ONE* 16(8): e0256685. <https://doi.org/10.1371/journal.pone.0256685>
3. Paul, J., Mondal, S., Kayal, R. and Sarkar, D., (2019). Burrow morphology of the ocypodid crab *Ocypode ceratophthalma* at Chandipur Coast, Eastern India and its implications. *Current Science* (00113891), 117(4).
4. Sarkar, D., Bhattacharjee, M., Chattopadhyay, D. (2017) Influence of regional environment in guiding the spatial distribution of marine bivalves along Indian coast. *Journal of the Marine Biological Association of the United Kingdom*.1-15.
5. Chattopadhyay, D., Sarkar, D., Dutta, S., Prasanjit, S. R. (2014) What controls cannibalism in drilling gastropods? A case study on *Natica tigrina*. *Palaeogeography, Palaeoclimatology, Palaeoecology*. 410: 126-133.
6. Mondal, S., Bardhan, S., Sarkar, D. (2010) Testability of the energy maximization model of naticid predation of two bivalve prey from eastern coast of India. *The Nautilus* 124:137-150.

» **Books and Chapters:**

N. A.

» **Seminars, Conferences, Webinars and workshops attended:**

- Seminars/ Conferences/ Workshops: 08
- Webinar: 01

» **Life Membership:**

N. A.

» **Awards/ Academic Achievements:**

N. A.

» **Professional Courses:**

- Orientation Programme/FIP/FDP: 00
- Refresher Course: 00
- Short Term Course: 00

» **Others/ Miscellaneous:**

N. A.