



Dr. Souraditya Chakraborty

Assistant Professor (Stage-II)

Department of Zoology

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CONTACT:

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QUALIFICATIONS:

- M.Sc. in Zoology (University of North Bengal)
- Ph.D. in Zoology (Vidyasagar University, West Midnapore)
- CSIR--NET (Life Sciences) (AIR 41)
- WBCSC--SET (Life Sciences)
- GATE (AIR 148)
- B.Ed. (NSOU)
- Post Graduate Diploma (Environment and sustainable development) (IGNOU)
- Certificate in Wildlife ecology (IIT Kanpur-NPTEL)
- Certificate in Remote Sensing and GIS for rural development (IIT Bombay-NPTEL)
- Certificate in Environment quality monitoring and analysis (IIT Madras-NPTEL)

TEACHING EXPERIENCE:

- Assistant Teacher (WBSSC-PGT) in Biological Sciences - 6 years 4 months
- Assistant Professor in Zoology - 8+ years

AWARDS AND HONOURS:

- University *Gold Medal* for securing the highest rank (**1st Class 1st**) in B.Sc. Zoology (Honours) from the University of North Bengal in 2008.
- University *Silver Medal* for securing the second highest rank (**1st class 2nd**) in M.Sc. (Zoology) 2010 from the University of North Bengal in 2010.
- *Hrishikesh Roy Scholar Medal* for obtaining the highest marks in B.Sc. Zoology (Honours) at Siliguri College in 2008.
- UGC *Post Graduate Merit Scholarship* for *University Rank Holders*, New Delhi in 2008.
- Outstanding paper award at the 5th Regional Science and Technology Congress (Northern Zone), organized by West Bengal Science and Technology and Biotechnology department, Govt. of West Bengal, 2022-23.

PROFESSIONAL TRAININGS/ORIENTATIONS:

- International Faculty Development Program on Biological Sciences, organized by Nallamuthu Gounder Mahalingam College, Pollachi, Tamil Nadu, 2020.
- Faculty enrichment workshop for Life Science Teachers in Higher Education, organized by National Institute of Educational Planning and Administration, New Delhi, 2021.

- Refresher Course in Trends in Life Sciences Industry, UGC HRDC, Burdwan University, 2021 (Grade: A+).
- 1st Faculty Induction Programme, UGC HRDC, Burdwan University, 2022 (Grade: A+).
- Workshop for Enhancing Capacity of Higher Education Teachers, Netaji Subhas Open University, Kolkata, 2022.
- NEP 2020 Orientation & Sensitization Programme, UGC Malaviya Mission Teacher Training Centre, University of North Bengal, 2023.

RESEARCH INTERESTS:

- Ecology, Environmental biology, Ecotoxicology, Biodiversity, Ethology and Wildlife conservation.

PAPERS PUBLISHED:

- Chakraborty, S.** (2015). Human-animal conflicts in northern West Bengal: Losses on both sides. *International Journal of Pure Applied Bioscience*, 3, 35-44.
- Chakraborty, S.** (2018). Perception and attitude of local people towards human-elephant conflicts around Mahananda Wildlife Sanctuary, West Bengal, India. *International Journal of Zoology Studies*, 3(2).
- Chakraborty, S.** (2018). Diversity of millipedes (Myriapoda: Diplopoda) in selected lateritic soil habitats of West Midnapore, West Bengal, India.
- Chakraborty, S.** (2018). Review on freshwater fish diversity of Northern West Bengal, India: Status, threats, and conservation measures. *International Research Journal of Biological Sciences*, 7(7).
- Chakraborty, S., & Mallick, P. H.** (2020). Freshwater cladoceran (Cladocera: Branchiopoda) diversity of lateritic Rarh belt of West Bengal, India: A review. *Advances in Zoology and Botany*, 8, 188-198. (UGC CARE LISTED)
- Chakraborty, S., & Paul, S.** (2020). WILD LIFE TOURISM: Tourism at the cost of wildlife health? *Phoenix, An Interdisciplinary Multi Lingual Journal*, PMS Mahavidyalaya, II (1).
- Chakraborty, S., & Paul, N.** (2021). Efficacy of different human-elephant conflict prevention and mitigation techniques practiced in West Bengal, India. *Notulae Scientia Biologicae*, 13(3), 11017-11017. (SCOPUS)
- Chakraborty, S., & Mallick, P. H.** (2021). Study on diversity of cladocerans (Cladocera: Branchiopoda) in some selected wetlands of West Midnapore district, West Bengal, India. *Environmental and Experimental Biology*, 19(3), 151-160. (UGC CARE LISTED)
- Chakraborty, S.** (2022). Trends and patterns of elephant conservation management and human-elephant conflict scenario in forests of Northern West Bengal, India. *Proceedings of the Zoological Society*, 75(3), 319-332. (Impact Factor: 0.75) (SCOPUS)
- Chakraborty, S., & Mallick, P. H.** (2023). Cladocera as a substitute for Artemia as live feed in aquaculture practices: A review. *Sustainability, Agri, Food and Environmental Research*, 11. (UGC CARE LISTED)

Chakraborty, S., Mallick, P. H., & Kundu, S. (2023). Participatory Rural Appraisal for assessing freshwater wetland status and fishery potential in West Midnapore, West Bengal, India. *Proceedings of the Zoological Society*, 76(2), 134-145. (Impact Factor: 0.75) (SCOPUS).

Chakraborty, S., Banerjee, S., Chatterjee, A., & Mallick, P. H. (2024). People's perceptions and attitudes towards human-elephant conflicts and mitigation practices in the western part of southern West Bengal, India. *GeoJournal*, 89(4), 1-17. (Impact Factor: 2.5) (SCOPUS)

BOOK CHAPTERS:

Chakraborty, S. (2021). Status of NSS and its role in combating COVID-19 pandemic situation in West Bengal. In A. K. Chakraborty, S. Sar, & G. Das (Eds.), *Role of NSS in COVID-19 pandemic in India*. Redshine Publication, Gujarat, India. (ISBN: 978-93-90937-16-5)

Chakraborty, S. (2021). Impact of COVID-19 pandemic on ecotourism in India: Issues, challenges, and future prospects. In G. Das (Ed.), *COVID-19 pandemic and its impact on economy: Issues and challenges*. Redshine Publication, Gujarat, India. (ISBN: 978-93-90937-92-9)

Chakraborty, S. (2022). Biomedical waste management and environmental sustainability during COVID-19 pandemic: A case study of Siliguri and adjacent areas. In N. Mitra & S. Pal (Eds.), *Environmental management*. N. B. Publications, Ghaziabad, India. (ISBN: 978-93-91550-73-8)

Chakraborty, S. (2024). A case study on understanding the decline in migratory bird assemblages of Gajoldoba Wetland, Jalpaiguri, West Bengal. In Kapasia et al. (Eds.) *Man, environment, and development: A pathway to sustainable livelihood*. Readers Service, Kolkata, India. (ISBN: 978-93-92283-80-2)

INVITED LECTURES:

- Special lecture on “Population ecology and Community ecology” at Santal Bidroha Sardha Satabarshiki Mahavidyalaya, Goaltore, West Midnapore on 29th November, 2018.
- Special lecture on “Practical application of Population and Community Ecology” at Santal Bidroha Sardha Satabarshiki Mahavidyalaya, Goaltore, West Midnapore on 13th December, 2018.
- Special lecture on "Understanding Population Ecology: Growth Patterns, Interactions, and Regulations" as part of the Monsoon Lecture Series on Zoology-2024, organized by the Department of Zoology, Gorubathan Government College, on 25th September 2024.
- Special lecture on "Ecosystem Mechanics: Food Chains, Energy Flow, and Structural Diversity" in the Monsoon Lecture Series on Zoology-2024, organized by the Department of Zoology, Gorubathan Government College, on 27th September 2024.

SEMINAR/WEBINAR PARTICIPATED:

- *Recent Development in Biological Science and Chemical Science*, organised by Garhbeta College, Paschim Medinipur, 2017, National Seminar (*Paper presented*).
- *Role of Basic Sciences in Translational Research Applied on Biological Science and Human Health*, organised by Midnapore City College, Paschim Medinipur, 2018, National Seminar (*Paper presented*).
- *Environmental Change: Adaptation Challenges by Sustainable Development*, organised by Midnapore City College, Paschim Medinipur, 2018, National Seminar (*Paper presented*).
- *Biodiversity in Midnapore District*, organised by Kharagpur College, Paschim Medinipur, 2019, State Seminar (*Paper presented*).
- *Young Scientists Conference*, part of India International Science Festival, 2019, International Conference (*Poster presented*).
- *Young Scientists Conference*, part of India International Science Festival, 2020, International Conference (*Paper presented*).
- *Science Village Festival*, part of India International Science Festival, 2021, International Festival (*Attended*).
- *Online Learning and Its Positive and Negative Effect on Future Generation Education*, organised by International School of Management, Patna, 2020, International Seminar (*Attended*).
- *Awareness and Preventive Measures of Covid-19*, organised by Garhbeta College, West Midnapore, 2020, State Seminar (*Attended*).
- *Covid-19: Global Voices*, organised by School of Humanities and Social Sciences, Sharda University, Delhi, 2020, International Seminar (*Attended*).
- *Rethinking Social Change in South Asia Amidst Covid 19*, organised by Kamala Nehru College, Delhi, 2020, International Seminar (*Attended*).
- *Biodiversity Informatics and Documentation Through Citizen Science on the India Biodiversity Portal*, organised by St. Xavier's College for Women, Aluva, Kerala, 2020, National Seminar (*Attended*).
- *Corona, The Unwanted Companion but An Invisible Teacher*, organised by International School of Management, Patna, 2020, International Seminar (*Attended*).
- *Data Science and AI*, organised by Mangalmai Institute of Engineering & Technology, 2020, National FDP (*Attended*).
- *Drug Designing and Discovery*, organised by Bansal Institute of Engineering and Technology, Uttar Pradesh, 2020, National Seminar (*Attended*).
- *Moving Forward Through the Challenges Posed by Covid-19: In the Manufacturing Sector*, organised by Jain University, Bengaluru, 2020, National Seminar (*Attended*).
- *Covid-19: And Its Preventive Measures*, organised by Midnapore College, West Midnapore, 2020, International Seminar (*Attended*).
- *Care to Biodiversity*, organised by ENVIS Resource Partner on Environmental Biotechnology, University of Kalyani, 2020, National Seminar (*Attended*).

- *Discourse on Digital Divide and Online Education*, organised by Prabhat Kumar College, Contai, East Midnapore, 2020, International Seminar (Attended).
- *Contemporary Issues in Education*, organised by Department of Education, Siddhinath Mahavidyalaya, East Midnapore, 2020, National Seminar (Attended).
- *Online Education in the Changing Times: Problems and Prospects*, organised by Vidyasagar University Teachers' Association (VUTA), Vidyasagar University, Midnapore, West Bengal, 2020, National Seminar (Attended).
- *Interface Between Chemistry and Environment*, organised by Dr. Shyama Prasad Mukherjee University, Ranchi, 2020, National Seminar (Attended).
- *Administrative Affairs Thrusting Upon Promotion of College Teachers / Librarians Under CAS*, organised by City College, Kolkata, 2020, State Seminar (Attended).
- *Interfaced of Biology and Chemistry: A Molecular Approach*, organised by Krishnagar Govt College, Nadia, 2020, National Seminar (Attended).
- *Scanning Covid-19 Pandemic Through Gender Lens*, organised by Saheli, Women's Cell, Garhbeta College, West Midnapore, 2020, State Seminar (Attended).
- *Current Perspectives in Chemical Sciences*, organised by Bhatler College, Dantan, West Midnapore, 2020, National Seminar (Attended).
- *Adjusting to the New Normal: Women's Perspective*, organised by Centre for Women's Studies, North Bengal University, 2020, National ICSSR Seminar (Attended).
- *Research Frontiers and Prospects in Biosciences and Biotechnology*, organised by P.G. Department of Biosciences and Biotechnology, Fakir Mohan University, Balasore, Odisha, 2020, International Seminar (Attended).
- *Chemspriration 2020*, organised by Banwarilal Bhalotia College, Asansol, West Burdwan, 2020, International Seminar (Attended).
- *Environment, Development and Livelihood*, organised by Chandrapur College, East Midnapore, 2020, International Seminar (Attended).
- *Impact of Virus and Vector on Human Health*, organised by Krishnagar Govt College, Nadia, 2020, State Seminar (Attended).
- *Ethnomedicine: Possibilities and Difficulties in the Present Scenario*, organised by Shyampur Siddheswari Mahavidyalaya, Howrah, 2020, National IQAC Seminar (Attended).
- *Breakthrough in Cell Science*, organised by Dept of Zoology, Midnapore College, West Midnapore, 2020, International IQAC Seminar (Attended).
- *Importance of Yoga in Pandemic*, organised by NSS Unit, SBSS College, Goaltore, West Midnapore, 2020, National Seminar (Attended).
- *Recent Advances in Basic and Applied Sciences*, organised by Pandit Raghunath Murmu Memorial College, Purulia, 2020, State Seminar (Attended).
- *Recent Trends in Research on Plant Science - A Molecular Approach*, organised by Ramnagar College; Mahishadal Raj College, East Midnapore, 2020, National Seminar (Attended).
- *Dealing with Covid 19 Pandemic: Biological Implication*, organised by Tamralipta Mahavidyalaya, East Midnapore, 2020, State Seminar (Attended).

- *Recent Trends of Climate Change and Its Impact on Mankind and Its Biosphere*, organised by Government General Degree College, Chapra, Nadia, 2021, National IQAC Seminar (Attended).
- *Career Advancement Scheme (CAS)*, organised by Gokhale Memorial Girls' College, Kolkata, 2021, State Seminar (Attended).
- *Academic and Administrative Responsibilities of College and University Teachers Thrusting Upon Their Promotion Under CAS*, organised by Udaynarayanpur Madhabilata Mahavidyalaya, Howrah, 2021, State Seminar (Attended).
- *Career Advancement Scheme (CAS)*, organised by Santal Bidroha Sardha Satabarshiki Mahavidyalaya, Goaltore, West Midnapore, West Bengal, 2021, State IQAC Online Workshop (Attended).
- *Think Green, Live Green*, organised by P.G. Department of Conservation Biology, Durgapur Government College, West Burdwan, 2021, National Seminar (Attended).
- *Snake: Twists in the Tale*, organised by Krishnangar Govt College, 2021, State Seminar (Attended).
- *Wildlife Biology as a Career Option in India & Abroad*, organised by Bangabasi College, Kolkata, 2021, International Seminar (Attended).
- *Zoological Research with Threatened Higher Chordates: Emphasis on Chelonians*, organised by Department of Zoology, Vidyasagar University, West Midnapore, 2022, International Seminar (Attended).
- *Bee Pollinators*, organised by Zoological Survey of India, Kolkata, 2022, International Seminar (Attended).
- *Understanding Climate Change*, organised by Sarojini Naidu College for Women, Kolkata, 2022, National Seminar (Attended).
- *Implementation of NEP-2020 for University and College Teachers*, organised by IGNOU, 2022, National ST-PDP (Attended).
- *Immunological Aspects of Covid-19*, organised by Belda College, 2022, International Seminar (Attended).
- *Green management of the environment using eco-friendly technology-2024 (Green Meet-2024)*, International seminar, Organised by Department of ecological studies and ICEE and Department of Food and nutrition, on 20th Feb, 2024 (Paper presented).
- "Recent Advancements and Prospects in Sustainable Management for a Better Future: An International Seminar, organized by the Department of Botany and Chemistry, East Calcutta Girls' College" on 25-26, Nov, 2024 (Paper presented).
- *Young Scientists conference*, part of India International Science Festival, 2024, Organised by Ministry of science and Technology, Govt of India, on 30th November- 3rd December, 2024 at IIT Guwahati (Poster presented).
- *7th Regional Science and technology congress 2024-25*, Organised by Govt of West Bengal, At Siliguri College, on 24-25 January, 2025 (Paper presented).
- *New education policy: challenges and prospects*, Organised by Central Institute of Hindi Agra, and Department of Hindi, PMS Mahavidyalaya, at PMS Mahavidyalaya, on 24th February, 2025 (Paper presented).

PROFESSIONAL ACTIVITY:

Reviewer for journals like *Proceedings of the Zoological Society* (Springer, SCOPUS), *Human Ecology* (Springer, SCOPUS), *International Journal of Environmental Research* (Springer, SCOPUS) and the *Uttar Pradesh Journal of Zoology*.

ORGANISATIONAL MEMBERSHIP:

Life member of Indian Science Congress Association, Kolkata., since 2021

Date: 18.5.2025

S. Chakraborty

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