

PRACHI HEMANT MARATHE

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Date of Birth: 11th May 1995
Nationality: Indian
Languages Known: English, Hindi, Marathi.



Qualification: M.Sc Marine Biology, Pondicherry University, India.

- CGPA: 8.83/10
- M.Sc Thesis: Diversity of Deep Sea Macrobenthos off Nicobar Islands in Andaman Sea and Bay of Bengal.

B.Sc Zoology, The D.G.Ruparel College, University of Mumbai, India

- CGPA: 5.98/7
- B.Sc project: Biodiversity survey of Suruchi beach

Area of Interest:

- Stable Isotope Ecology
- Conservation biology

Academic Activities:

- As a part of M.Sc curriculum, I worked on Dissertation entitled ‘Diversity of Deep-Sea macro benthos off Nicobar Islands in Andaman Sea and Bay of Bengal’ from January 2017 to April 2017. This included identification of deepsea macro benthic species of Echinodermata, Arthropoda and Mollusca. As very few studies have been carried out in this region it is highly unexplored till date. Participated in Snorkelling, boat sampling and field work during M. Sc to study intertidal and shallow waters of Andaman Sea.
- As a part of B.Sc Dissertation I worked on “Biodiversity Survey of Suruchi beach, Mumbai, India”. This included extensive field survey for four months with identification of marine as well as terrestrial fauna with special emphasis on avian fauna to understand the diversity of *Suruchi* Beach.
- Participated in various field works, Excursions organized by college, Bioinformatics workshop, Leopard Census, etc.

Research Experience:

- Presently working as a Project Assistant at Centre for Marine Living Resources and Ecology (CMLRE), Ministry of Earth Sciences(MoES), Government of India (GOI) since December 2017.

- 150 days of sailing onboard 'Fishery Oceanographic Research Vessel 'Sagar Sampada' in eastern Arabian Sea between January 2018 to September 2019.
- Instruments handled: BONGO Net, Multi Plankton Net and Niskin Rosette Sampler. Smith McIntyre Grab, van Veen Grab, Naturalist's Dredge, Deep-Sea demersal Trawl
- Parameters collected: Mesozooplankton, Particulate Organic Carbon, macrobenthos, heterotrophic nanoflagellates (HNF), microzooplankton, phytoplankton, pigments, estimation of primary productivity using C14.

Conferences and Workshops:

- Attended 21st INDO-US Flow Cytometry Workshop on "Basics of Flow Cytometry and its applications in Oceanography jointly organized by CSIR-National Institute of Oceanography, Trust for Education and Training in cytometry, Live Education Task Force and International Society for advancement of Flow Cytometry during 27th – 28th January 2020 at Goa, India.
- Organised and participated in the 6th Biennial conference of Ocean Society of India, OSICON 2019, held in December 12-14, 2019 in Kochi, India.
- Presented a poster in the International Conference on Benthos (ICB-19) organised by the department of Marine Biology, Microbiology and Biotechnology, School of Marine Sciences, Cochin University of Science and Technology held from 6th to 8th March 2019 in Kochi, India.
- Attended a workshop on Bioinformatics organised by the Department of Zoology, the D.G.Ruparel College, Mahim, Mumbai.

Achievements:

- Dr. Awtar Krishan Award for winning the "Flow Cytometry Quiz" supported by Trust for Education and Training in Cytometry at 21st INDO-US Flow Cytometry Workshop during 27th – 28th January 2020 at Goa, India
- Certificate of Merit: Modern Education Society's Gold Medal for ZOOLOGY during the Academic Year 2014-2015.

Future Plans: Research in the field of Marine Biology with more emphasis on Isotope Ecology.

Referees:

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Date: 03.02.2020

Place: Kochi, India



Signature