

Mr. Sunil Kumar Padhi, M. Sc.

Junior Research Fellow (JRF),
Ocean Science Division,
National Centre for Polar and Oceanic Research
Ministry of Earth Sciences, Govt. of India
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Academic Background:

2017–2019: Berhampur University, Berhampur, Odisha

- M.Sc. in Marine Biology (7.95 CGPA)

2013–2016: Stewart Science College, Cuttack, Odisha

- B.Sc. in Zoology (Hons) With Subjects Zoology, Botany, Chemistry, & Mathematics, (60.83%).

2011–2013: Christ Junior College, Cuttack, Odisha.

- Higher secondary with Subjects Physics, Chemistry, Mathematics & Biology, (68.83%)

2011: Hatibari High School, Jajpur, Odisha.

- Matriculation with Subjects Mathematics, Science, Social Studies, MIL(O), English & Sanskrit (81.83%)

Professional Background:

- Dec, 2021- : Junior Research Fellow (National Centre for Polar and Oceanic research, MoES, Goa)
- Nov, 2020 – Dec, 2021: Project Associate-I (CSIR-National Institute of Oceanography, Mumbai)
- May, 2019 – Apr, 2020: Project Fellow (Dpt. Of Marine Sciences, Berhampur University)

Awards and Recognitions:

- Qualified UGC NET- Jun_2020 and Jun_2021 (For Lectureship)
- DST Inspire Fellow
- University Gold medallist (1st rank in M. Sc)

Skills and Techniques:

- Collection and identification of marine plankton
- Collection and identification of marine benthic organisms
- Genus level identification of Nematodes
- Basic Identification of other marine vertebrates and invertebrates
- Culture of marine invertebrates in laboratory
- Marine algae culture
- Bacteria culture
- Isolation and amplification of DNA(PCR)

- Seawater quality parameter analysis (Nutrients)
- DO, BOD, PP analysis
- Estimation of chlorophyll
- Estimation of TOC by titration method
- Sampling and analysis in coastal cruise and small boats
- Wildlife photography

IT Exposure:

- Well acquaint with Computer Operating Systems like Windows XP Professional, Windows 10 and Windows 7.
- Can Work efficiently with Application Packages like MS Office (Word, Excel and PowerPoint etc.).
- Surfer, Qgis, ODV.

Interpersonal Skills:

- Self-confidence and determined
- Willingness to learn with a positive attitude
- Ability to work in any condition

Dissertation Thesis:

- In Vitro study of feeding behaviour of barnacle *Amphibalanus amphitrite*

Seminar/Training/Workshop:

- Participated in "pogo-ITCOcean International training program on "Ocean observation for societal services" organized by INCOIS, Hyderabad from 31st Oct. 2022 to 5th Nov. 2022.
- Participated in SCAR open science conference from 1st to 10th Aug. 2022.
- Presented a paper entitled "*An insight into the low-density meiofaunal community structure in the nodule covered area of CIOB*" in the International Workshop on "Evolution and Diversity of meiobenthos" (For Bio and MEDUSA course) on 13th sept., 2021.
- Participated in the International Bioinformatics workshop on "*Genome Informatics*" during 5th Apr - 21st Apr, 2021.
- Poster presentation in the National Conference on Coastal, Ocean-Atmospheric Science and technology-2020 (COAST-2020) on the topic entitled "*Preliminary study on the vertical distribution of benthic meio-fauna in the intertidal zone of Gopalpur, east coast of India*" during 28th Feb. 2020 to 1st Mar. 2020.
- Participated in the Workshop on "Faunal diversity of Chilika Lagoon" at Estuarine Biology Regional Centre, ZSI, Gopalpur on 26th July 2019.
- Participated in "World Environment Day" organized by ZSI, Gopalpur on 5th June, 2019.

- Poster presentation in the National Conference on Crossroads of Biological Sciences and its applications on the topic entitled “*Understanding the feeding behaviour of barnacle Amphibalanus amphitrite under laboratory conditions*” during 15-16th February, 2019.
- Participated in “*Winter Nature Camp - 2018*” organized by Regional Museum of Natural History, Bhubaneswar during 11th -12th December, 2018.
- Participated in the Research Expedition (Cruise No. SK-352) on-board National Flagship ORV Sagar Kanya from 12th September to 15th October, 2018 as part of research project Marine Ecosystem Dynamics of Eastern Arabian Sea (MEDAS).
- Participated in “National Seminar on Plastic Pollution and Coastal Environment” organized by Zoological Survey of India, held at Estuarine Biology Regional Centre, Gopalpur-on-Sea on 5th June 2018.
- Participated in “National seminar on Beach Erosion and Anthropogenic exploitation at coastal lines of Odisha and its effect on Olive Ridley sea turtle, Irrawaddy Dolphin and Fish population and measures for conservation” during 29th & 30th march, 2018

Publications:

- Patro, S., **Padhi, S. K.**, Bhoi, G., Parida, S. P., and Mohapatra, A., Krishnan, P., (2022), Is the sea Off Odisha, North-western Bay of Bengal a favourable feeding ground of Bryde's whale [*Balaenoptera edeni* Anderson, 1878]. *Thalassas*. (IF: 0.6)
- Chatterjee, T., Dovgal, I., Sautya, S., Abibulaeva, A., and **Padhi S. K.**, (2022), Report of *Cothurnia* cf. *pendunculata* Dons, 1918 (Ciliophora, Peritrichia) found as epibiont on Entoprocta from the Indian Ocean. *Cahiers de Biologie Marine*. (IF:0.72)
- Chatterjee, T., Sautya, S., Dovgal, I., and **Padhi S. K.**, (2021), Report of *Lecanophryella indica* (Ciliophora, Suctorea) as epibiont on harpacticoid copepod from Mumbai coast of India (Arabian Sea). *Octa Biologica*. (Accepted) (IF: 1.42)
- Kar P. K., Mohanty P. K., Pradhan S., Behera B., **Padhi S. K.**, and Mishra P., (2021), Shoreline change along Odisha coast using statistical and geo-spatial techniques. *Journal of Earth System Science*. (IF: 1.42)
- **Padhi, S.K.**, Patro, S., Sahu, B.K., Baliarsingh, S.K., and Sahu, K.C., (2021), A preliminary study on the environmental factors triggering frequent bloom of diatom *Asterionellopsis glacialis* (Castracane) Round along west coast of Bay of Bengal. *Indian Journal of Geo-Marine Sciences*. (IF: 0.30)
- Behera, A., **Padhi, S. K.**, Roy, S., Patro, S., and Mitra, S., (2020), Biodiversity of hermit crabs in Odisha, east coast and their distribution in other coastal states of India. *Indian Journal of Geo-marine Sciences*. (IF: 0.30)

- Patro, S., and **Padhi, S. K.**, (2019), Saltwater crocodile and human conflict around Bhitarkanika National Park, India: A raising concern for determining conservation limits. Ocean and Coastal Management 182:104923. (IF: 3.28)

Personal Information:

Father's Name: Mr. Gangadhar Padhi

Date of Birth: 6th April 1996

Gender: Male

Marital Status: Single

Nationality: Indian

Permanent Address: Hatibari, Sukinda, Jajpur, Odisha, Pin-755018

Language Known: English, Hindi, Oriya

Place: Berhampur

Date: 28.12.2021

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