



MODEL DEGREE COLLEGE, SONEPUR

Department: Zoology

Name: Dr. DILLIP KUMAR SAHOO

Designation: Asst. Professor of Zoology

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Date of Joining in Government service (As per service book): The date will be mentioned after getting a clarification from DHE, Odisha.

Date of Joining in this college (As per service book): 12th January 2024

Qualification (Highest): PhD

Field of Specialisation/Interest: Animal Physiology, Aquatic Biology & Ecology

Teaching Experience: 10 Years

Remarkable Achievements/Awards:

1. Best Faculty award in 2021 by Science Father.
2. Reviewer of Egyptian journal of Aquatic Research

List of research projects conducted:

Title of the Project	Funding agency	Time & Amount	Status of the Project
Preparation of Peoples Biodiversity Register in five Grama Panchayat of Sambalpur distirct, Odisha.	Odisha Biodiversity Board, BBSR	2018 5 lakh	Completed

List of Publications: Annexure - I

List of National/International Seminars Attended/ Conducted during the last five years: Annexure - II

Membership in Professional bodies/ DRC during last 5 years:

- Life Member in Zoological Society of Odisha.
- Member in National Environmentalist Association

ANNEXURE-I

List of Publications:

A. Research articles in National / International Journal

1. **Sahoo D.**, Panda S., Guru B. C. (2011). Studies on reproductive biology and ecology of blue swimming crab *Portunus pelagicus* from Chilika lagoon Orissa India, Journal of Marine Biological Association, U.K, 91 (1), 257-264.
2. **Sahoo D.**, Panda S., Guru B.C., Bhatta K. S. (2008). A new record of Indo-pacific crab *Charybdis feriata* (linn., brachyura: portunidae) from Chilika lagoon Orissa India, The Ecoscan 2(2), 177-179.
3. Karna S., **Sahoo D.**, Panda S. (2012). Length weight relationship (Lwr) and growth estimation of *Lates calcarifer* (Bloch) in Chilika lagoon India, Bulletin of Environment, Pharmacology & Life Sciences, 1(3), 61- 66.
4. Karna S., **Sahoo D.**, Panda S. (2012). Length weight relationship (Lwr), growth estimation and length at maturity of *Eleusaronema tetradactylus* in the Chilika lagoon, India, South Asian Journal of Experimental biology, 2 (3), 97-102.
5. Karna S., **Sahoo D.**, Panda S. (2012). Length weight relationship (Lwr) and growth estimation and length at maturity of *Etroplus suratensis* in Chilika lagoon, Orissa, India, International Journal of Environmental Science, 2 (3), 1257-1267.
6. **Sahoo D.**, Karna S., Panda S. (2012). Length weight relationship (Lwr) and growth estimation of *Mugil cephalus* (linnaeus, 1758) in Chilika lagoon, Odisha, India. Asian Journal of Expt. Biol. 3 (4), 700-705.
7. Karna S., **Sahoo D.**, Panda S. (2012). Current status of catch distribution, gear-wise catch and fishing grounds of two commercial shrimp species i.e., *Penaeus monodon* and *Fenneropenaeus indicus* in India's largest brackish water lagoon, India, Journal of Environmental Science Computer Science and Engineering & Technology, 2 (2), 394-402.
8. **Sahoo D.**, Palita S. K., Panda S., Guru B. C. (2013) New records and distribution pattern of brachyuran crabs in Chilika lagoon, Odisha, India, Ecology Environment and Conservation, 19 (2), 409-415.
9. K. G. Mandala, P. Majhi, **D. K. Sahoo**, R. Rout, A. Kumar & M. Raychoudhory (2013) Assessing the soil environment under major cropping systems in Kuanria Canal command, Ecology Environment and Conservation, 19 (2), 509-513.
10. Krishna Gopal Mandal, Dilip Kumar Kundu, Ravender Singh, Ashwani Kumar, Rajalaxmi Rout, Jyotiprakash Padhi, Pradipta Majhi and **Dillip Kumar Sahoo** (2013) Cropping practices, soil properties, pedotransfer functions and organic carbon storage at Kuanria canal command area in India, Springer pluse, 2, 1-14.
11. K. G. Mandala, A. Kumar, J. Padhi, **D. K. Sahoo**, R. Rout, & R. K. Mahanty (2013) Annalysing rainfall events and soil characteristics for water resources management in a cannal command area, Water resources management, 2 (1), 1-8.
12. S. K. Karna, **D. K. Sahoo**, J. K. Seth, D. Mohapatro, A. K. Rout, S. Panda, B. C. Guru (2017) Length–weight relationship of three Cynoglossus species (*C. puncticeps*, *C. lingua* and *C. lida*) from Chilika lagoon India, Journal of applied Ichthyology. DOI: 10.1111/jai.13603. 1-2.
13. S. K. Karna, L. A. Jawad and **D. K. Sahoo** (2018) Confirmation of the Presence of the Silver Tripodfish, *Triacanthus nieuhofii* Bleeker, 1852 (Teleostei: Triacanthidae), from the East Coast of India, with a Description of Two Deformed Specimens. Journal of Ichthyology, 58 (4), pp. 587–593.

14. **Dillip Kumar Sahoo**, Rakesh Kumar Swain & Atanu Kumar Pati (2020) Circannual rhythm in the production patterns of three economically important Brachyuran species of crabs. *Biological Rhythm Research*, DOI: 10.1080/09291016.2019.1608724. 1-13.
15. **Dillip K. Sahoo**, Subodha K. Karna, Debasish Mahapatro, Sudarsan Panda & Bhikari C. Guru (2020) Length–weight relationship for three estuarine fish species from the Chilika Lagoon, India. *Indian Journal of Geo Marine Sciences*, 49 (03), 1-2.

B. Proceeding Papers & Abstracts

1. **Sahoo D**, Panda S., Guru B. C., Mahapatra D., Mishra R. K., Karna S. (2008) Effect of Global warming on fish and fisheries, National seminar on Effect of global warming and rapid change in Oceanic line at costal Orissa and its effect on Irrawaddy dolphin of lake Chilika and ecological consequences, Page: 45-48.
2. Mahapatra D., Panda S., Panigrahy R. C., Sahu B. K., Guru B.C., Mishra R. K., Rath. S. S., **Sahoo. D**, Karna S. Pati S. (2008) Global warming and its impact on marine ecosystem, National seminar on Effect of global warming and rapid change in Oceanic line at costal Orissa and its effect on Irrawaddy dolphin of lake Chilika and ecological consequences, Page: 40-42.
3. Karna S., Mahapatra D., Panda S., Guru B. C., Mishra R. K., **Sahoo D**. (2008) Global warming and fisheries, National seminar on Effect of global warming and rapid change in Oceanic line at costal Orissa and its effect on Irrawaddy dolphin of lake Chilika and ecological consequences, Page: 54-57.
4. **Sahoo D.**, Mahapatra D., Mishra R. K., Panda S, Guru B. C., Bhatta K. S., Karna S. (2008) The Breeding, Nesting, Population and Conservation status of Olive Ridley (*Lepidochelys olivacea*), at Rushikulya rookery, Orissa coast, National seminar on Anthropological influence in South Orissa coast and its impact on Olive Ridley turtle and environmental consequences, Page: 48-51.
5. Mahapatra D., Panda S., Panigrahy R. C., Bhatta K. S., Mishra R. K., **Sahoo D.**, Karna S. ,Rath S., Pati S. (2009) Anthropogenic effects on Olive Ridley in RushiKulya rookery, Bay of Bengal. National seminar on Anthropological Influence in South Orissa coast and its impact on Olive Ridley turtle and environmental consequences, Page: 55-57.
6. **Sahoo D.**, Panda S., Palita S. K., Karna S., Guru B. C., (2012) Taxonomy, Eco-biology and distribution pattern of brachyuran crabs in Chilika lagoon, National seminar on Conservation of Wetland and its Biodiversity, Page: 22.
7. **Sahoo D.**, Panda S., Guru B. C., Bhatta K. S., Mishra R. K. (2009) Ecological studies of *Portunus pelagicus* (lin.) from Chilika lagoon, National conferences on Environmental science and technology for sustainable development, Page: 76.
8. **Sahoo. D.**, Panda. S., Guru B. C. (2009) Ecology and Reproductive aspects of *Portunus pelagicus* (lin.) From Chilika lagoon, Orissa, India, National seminar on Aquaculture researches in India-status and strategies for future development, Page: 120.
9. **Sahoo D.**, Panda S., Guru B. C., Mahapatra D., Karna S. (2009) Sustainable fishery resources and its management of Chilika lagoon. International conferences on Recent trends in life science research vis-à-vis Natural resource management, Sustainable Development and human welfare, Page: 221.
10. **Sahoo D.**, Panda S., Guru B. C (2009) An overview of Biotechnical application on fish breeding, National seminar on Biotechnology for human welfare and prosperity, Page: 21
11. **Sahoo D.**, Palita S. K., Panda. S., Satapathy D. Guru B. C. (2010) New records of Brachyuran crabs from Chilika lagoon, Orissa. National conferences on new frontiers in Life science, 13th Odisha Bigyan congress, Page: 86.

12. Swai S., Meher P., Patra B., Sahoo D., Kara S. (2012) Ornamental fish farming as a tool for Socioeconomic development of Matrusakthi women SHG at Rengali cluster, Odisha; The National seminar on “Livelihood option for small and marginal farmers in Fragile Ecosystem; Page: 153-155

C. Book /Book Chapter/ Research Bulletin/ Report/ Monograph etc.

1. **Dillip Sahoo**; Edited Book Chapter (2017) Crab fishery of Chilika lagoon, Narendra Publishing House, Delhi, India 1417, Kishan Dutt Street, Maliwara, Chandni Chock Delhi, Page: 79-86; ISBN: 978-93-86110.
2. **Dillip Sahoo**, Sanjib Bhoi & Satyam Arya; Edited Book Chapter (2022) Checklist of birds in and around Rairakhol forest division, Sambalpur, Odisha, India, Biotechnology resnet scopes and dimensions. ISBN: 978-935747-035-3.
3. K. Bhatta, R. Samal, S. Karna, **D. Sahoo**, S. Panda, A. K. Pattnaika, K. Hiramatsu, & K. Ito; Research Bulletin (2010). The Biological and Ecological Characteristics and the current status of the fisheries and Resources of Commercially important species in Chilika lagoon. Japan international cooperation agency (JICA), Japan & Chilika Development Authority (CDA), India.
4. Krishna Gopal Mandal, Dilip Kumar Kundu, Ravender Singh, Ashwani Kumar, Rajalaxmi Rout, Jyotiprakash Padhi, Pradipta Majhi1 and **Dillip Kumar Sahoo**; Research Bulletin No. 72. (2016) Participatory water management and integrated farming in a canal command. Research Bulliten-75, ICAR-Indian Institute of water management, Chandrasekharpur, Bhubaneswer-751023.
5. Krishna Gopal Mandal, Dilip Kumar Kundu, Ravender Singh, Ashwani Kumar, Rajalaxmi Rout, Jyotiprakash Padhi, Pradipta Majhi1 and **Dillip Kumar Sahoo**; Research Bulletin No. 57. (2013) Analysis of Rainfall and soil characteristics of Kuanria canal command for water resource management. Research Bulliten-57, ICAR-Indian Institute of water management, Chandrasekharpur, Bhubaneswer-751023.

ANNEXURE-II

List of National/International Seminars Attended/ Conducted during the last five years:

1. National Seminar on Environmental Sustainability & Industrial Growth. (ESIG-2017) 3rd & 4th March 2017 by School of Zoology, Gangadhar Meher University, Sambalpur.
2. Workshop on Prospects in Pisciculture 1st Sept. 2018 by School of Zoology, Gangadhar Meher University, Sambalpur.
3. Workshop on Biodiversity and Conservation (BAC-2019) 20th March 2019 by School of Zoology, Gangadhar Meher University, Sambalpur.
4. Workshop on Assembly and Applications of FOLDSCOPE in Life sciences 12th April 2019 by School of Zoology, Gangadhar Meher University, Sambalpur.
5. Webinar on Vaccine and Vaccination 23rd June 2021 by School of Zoology, Gangadhar Meher University, Sambalpur.
6. National Workshop on Intellectual property right, R& D and innovation in University System on 17th March 2018 at Gangadhar Meher University, Sambalpur.
7. National Workshop on “Copy-Past Saga of Infringement basis of similarity detection and prevention of Plagiarism” on 23rd Dec. 2018 at Gangadhar Meher University, Sambalpur.
8. National Workshop on “Scopus data base analyzer: Refine your research” on 10th November 2018 at Gangadhar Meher University, Sambalpur.
9. National Workshop on “Art of academic writing and publication skills” on 21st & 22nd October 2018 at Gangadhar Meher University, Sambalpur.
10. National Workshop on “Strategies to enhance research visibility, impact & citation” on 1st & 2nd September 2017 at Gangadhar Meher University, Sambalpur.
11. National Workshop on “SPSS- from basics to business for beginners” on 17th & 18th Sept. 2017 at Gangadhar Meher University, Sambalpur.