



**Prof. (Dr.) S. Bijoy Nandan**

Dean, Faculty of Marine Sciences

15/02/2023

**TO WHOMEVER IT MAY CONCERN**

This is to certify that Dr. Jayachandran P.R. is known to me for the last fifteen years. He has published 36 research articles in SCI Scopus Journals with an accumulated impact factor of 50, edited 5 books/ training manuals, published book chapters, 4 conference proceedings, and 5 other articles with 400 citations and h index of 12. Recognized as subject editor of journal One Ecosystem and reviewed 33 SCI Journal articles, organised national and international conferences and training. Passed BSc Aquaculture with the first rank, qualified ICAR NET (Fisheries Science), and received the Distinguished Researcher Award of CUSAT in 2019. Delivered invited talks in various institutions. Participated in Indian Arctic Expeditions (2016, 2017 & 2018), open sea, and coastal marine field cruises. He has been involved in conducting various Environmental Impact Assessment studies implemented in the department. He is also a PADI-Certified open water SCUBA diver.

Position	Area of Research	Experience	Period
Junior Project Fellow	Kerala State Council for Science, Technology and Environment (KSSTE) funded project on "Ecology and fish production potential of Kodungallur-Azhikode Backwater Ecosystem"	Fieldwork, analysis of physicochemical & biological parameters in water sediment, fish diversity and fish landing studies in Kodungallur-Azhikode estuary. Expertise in statistical packages such as SPSS, PRIMER, R packages, CANOCO, MAPINFO, Arc-GIS, SURFER, ORIGIN etc.	19/06/2009 to 20/06/2012
PhD Scholar	Bioecological study of benthic communities in the Kodungallur-Azhikode estuary, southwest coast of India"	Ecology and taxonomy of benthic communities, ecological habitat quality assessment in the Kodungallur-Azhikode estuary. Data collection and analysis. Preparation of manuscript and thesis. Teaching MSc Marine biology Students	21/06/2012 to 13/12/2017
Senior Research Fellow	National Centre for Coastal Research, Ministry of Earth Sciences (NCCR-MoES) [previously ICMAM-PD] funded project on Seawater quality criteria: toxicity effects of selected heavy metals and pesticides on marine organisms"	Ecotoxicological studies including bioassay experiments in plankton, benthos & nekton. Water quality and heavy metal analysis. Teaching M.Sc. Marine biology students.	01/02/2013 to 31/10/2014
Project Scientist II		Overall management of project. Continuous flow through system studies. Computation and interpretation of data and results. Preparation of manuscripts & study reports. Teaching M.Sc. Marine Biology students.	01/11/2014 to 30/04/2017
Post Doctoral Fellow	"Invasive Alien species (IAS) diversity and its impact on coastal marine systems"	Bioinvasion studies in coastal marine habitats (estuaries, fjords, coral reefs, mangroves, seagrass beds & deep-sea). Delivering invited talks. Organised training workshops. Teaching M.Sc. Marine Biology Students.	01/07/2019 to 30/06/2022



  
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