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Dr. Jasmine Purushothaman is a Senior Scientist and Officer-in- Charge of Protozoology Section at the Zoological Survey of India, Kolkata, under Ministry of Environment and Forests, Govt. of India. She received M.Sc in Zoology from University College, Trivandrum and a PhD in Marine Science from National Institute of Oceanography. After her Ph.D. on mesozooplankton of the Arabian Sea and Bay of Bengal with special reference on Planktonic ostracods, she worked from 2009 – 2011 at the Marine Fisheries Research Centre, Ministry of Fisheries, Sultanate of Oman to study on harmful microzooplankton, especially Dinoflagellates. Since 2011, she has continued her research at Zoological Survey of India, on Protistology. She has spent the last 14+ years of research in marine and microbial research. Her research interests have focused on two major areas: effect of climate change on Microbial diversity of India, especially marine, freshwater and soil protists and research on the meso and macrozooplanktons of Indian Ocean. Her lab has also worked out the procedures for the successful culture of the lesser known organism, tardigrades. She and her colleagues have researched the ecology of several species of marine microzooplankton/protists and its role in the pelagic food web of the northern coastal waters of Bay of Bengal. The latest projects are investigating the prediction modelling of jellyfish blooms and this species use in large-scale production for future commercial production/blue economy. She has supervised well over 30 postgraduate and 4 doctoral students over the last 14 years. She has made over 110 scientific contributions of which 45 are papers in peer-reviewed journals. She is also involved in the supervision of curatorial, care and maintenance of the National zoological collections of Protozoa section, ZSI, Kolkata.