

Brief Resume:<i>Dr. Baban Ingle</i> Designation: <i>Visiting Scientist</i> National Centre for Polar & Ocean Research Vasco Goa 403804 India (Formerly: Chief Scientist & Head, Biology Division CSIR-National Institute of Oceanography, Dona Paula, Goa, INDIA) E-mail:babaningle@ncpor.res.in & baban.ingle@gmail.com Phone: 91-832-2525504; 2458146 (Res.);Mob: 09421241506;08788955589 Postal Address: House No. 500/8, Villa-A Palmar Colony, Alto Santa Cruz Bambolim Complex, Panaji, Goa 403005, INDIA	
Experience: ❖ 43 Years of Research & Teaching at PG/Ph.D. level ❖ Leader >200 Research Projects; 45 Major Projects ❖ Participated- THREE Antarctic Expeditions, Discovery Expedition& Visited 25 Countries ❖ Member, National & International Research Advisory Committees ❖ Ph.D. ResearchGuide in Five Universities (Goa, Hyderabad, Trichy, Kolhâpur & AcSIR)	
Expertise: Ecology; Biodiversity; Antarctic Biology EIA for coastal development projects, Oil, Gas & Deep-Sea Mining; Coral Reef Ecology& Climate Change	
Publications: ❖ Research Publications: 224 (178 in SCI Journals) ❖ Citation: 5185 ❖ H-Index:37 ❖ I10- Index:112 ❖ Impact Factor: >350 ❖ NAAS Rating: >750 ❖ Books-Chapter Written 14. ❖ Patents granted/applied for:03 ❖ Popular Science Articles:23 ❖ PhD. Supervisor/Guide :14; M.Sc. Dissertations Supervisor: 92	
Awards: ❖ <i>Japanese Govt. (MOMBUSHO) Fellowship</i>, Nagasaki, Japan ❖ <i>SCOR (UN) Visiting Fellowship</i> ❖ <i>Young Scientist Award</i> in Biosciences ❖ <i>Prof. N.R. Menon Memorial Award 2019</i> -Cochin University of Science & Technology ❖ <i>Shri HirojiIndulkar Award 2021- Ministry of Cultural Affairs, Govt of Maharashtra</i> ❖ <i>Marathwada Gaurav Award</i> (Govt. Maharashtra 1997) ❖ <i>Darpan Award-</i> for the popularization of Science in India ❖ <i>Shri D.B. VikajiTaraporwale Fellowship</i>, Govt.of Maharashtra ❖ <i>Prof. G.S. Shukla Gold Medal-</i> 2015 Society for Environmental Biology ❖ <i>Eco-Vision Award-</i> by EcoNeed Foundation ❖ <i>Rajbhasha Kriti Samamn-</i> Bharatiya Rajbhasha Vikas Sansthan. ❖ <i>Smt. Kusumtai Chavan Smurti Puraskar</i> for Excellence in Science	
Honours - Professional Affiliation: ❖ Fellow - Maharashtra Academy of Sciences ❖ Fellow - Academy of Environmental Biology ❖ Fellow - Society of Biosciences ❖ Life Member- Indian Science Congress ❖ Life Member - Ocean Society of India ❖ Life Member- Indian Society for Comparative Animal Physiology ❖ Life Member- Mangrove Society of India	

- ❖ Life Member- Zoological Society of India
- ❖ Life Member -Benthological Association of India
- ❖ Member- Wetland Authority of Goa
- ❖ Executive Member -World Wide Fund of India
- ❖ Member - Technical Working Group (TWG), International Seabed Authority (UN)
- ❖ Member Advisory Board - Deep-Ocean Stewardship Initiative (DOSI)

International Assignments/ Engagement:

- ❖ Deep-sea Mining Impact Assessment - Germany 2019
- ❖ Bio-regionalization in the Indian Ocean South Africa 2019
- ❖ Node Manager – Slone Foundation USA 2000-2011 Census of Marine Life
- ❖ Discovery Channel’s International Tsunami (SEATOS) Expedition - 2005
- ❖ SCOR (UN) Visiting Scholarship - Scientific Committee on Ocean Research- 2016-2019
- ❖ MOMBUSHO- Japanese Govt. Fellowship- Nagasaki University 1988-1991
- ❖ International Ocean EXPO- Lisbon, Portugal - Govt. of India 1998
- ❖ Indo-Russian joint research on marine Bio-prospecting - 2004
- ❖ Darwin- International Marine Pollution Monitoring Program – UK Govt. 2000
- ❖ SCOR- working group “Seafloor Ecosystem Functions & their Role in Global Process 2016
- ❖ Global Biogeography Information Facilities–working Group – GBIF
- ❖ International Seabed Authority Jamaica - Subject Expert –ISA (United Nations) 2009;2011;2020
- ❖ Scientific Cooperation in Aquaculture – Indo-Norway NORALD
- ❖ Indo-Dutch Oceanographic Studies – Govt. of Netherlands
- ❖ Indo-Belgium joint studies in Global Biodiversity – Seabed Authority/ Govt. of India

Member- Technical/ Expert Committees (Central/State Government)

- ❖ Maharashtra Coastal Zone Management Authority (MCZMA 2012-2018)
- ❖ Biodiversity of Indian Land-Scape – MoEF&CC Govt. of India
- ❖ National Biodiversity Authority (NAB) MoEF&CC Govt. of India
- ❖ Wildlife Board, Govt. of Goa
- ❖ Goa State Biodiversity Board
- ❖ Goa State Level Biodiversity Heritage Site Monitoring Committee
- ❖ Monitoring Committee Chilika Development Authority, Govt. of Orissa
- ❖ National Committee on Impact of Tsunami on Coastal Ecology
- ❖ Lakshadweep Council of Science & Technology
- ❖ Monitoring of Ship-breaking, Govt. of Goa
- ❖ Marine Wildlife Conservation, DoEN, Govt. of India
- ❖ Oil Spill Monitoring & No Oil Dispersant Monitoring Committee (MoEF, Govt. of India)
- ❖ Impact of Ship Breaking - Monitoring Committee Ministry of Shipping (Govt. of India)

Academic Advisory Committee:

- ❖ Academic Council Kerala University of Fisheries & Ocean Science (KUFOS)
- ❖ Board of Studies in Zoology (BAMU- Marathwada University, Aurangabad)
- ❖ Board of Studies in Fisheries, Swami Ramanand Thirt University Nanded
- ❖ Academic Advisory Committee, Athalye Sapre & Pitre College Devrukn (Autonomous), Dt: Ratnagiri
- ❖ Board of Studies in Marine Biology, Kerala University of Fisheries (KUFOS)
- ❖ Board of Studies in Zoology, C.K.Thakur Arts Commerce & Science College, New Panvel (Autonomous),
- ❖ Board of Studies in Zoology & Biotechnology -Sahu College (Autonomous) Latur, Maharashtra

Academic Record:

- ❖ PhD. Applied Biology (Mumbai University, Mumbai), 1995
- ❖ Diploma in Japanese Language (Kyushu University Japan), 1989
- ❖ M.Sc. Marine Biology (Konkan Agricultural University (KKV Ratnagiri), 1982
- ❖ B.Sc. Zoology (Marathwada University, Aurangabad), 1979
- ❖ SSC. Nagpur Secondary Board, Nagpur 1974

Career Record:

- ❖ Visiting Scientist, National Centre for Polar & Ocean Research (MoES) 2019 to date
- ❖ Chief Scientist (CSIR-National Institute of Oceanography, Goa) 2009 - 2017
- ❖ Scientist F (CSIR-NIO Goa) 2004 - 2009
- ❖ Scientist E-II(CSIR-NIO Goa) 1999 - 2004
- ❖ Scientist E-I(CSIR-NIO Goa) 1994 - 1999
- ❖ Scientist C (CSIR-NIOGoa) 1989 - 1994
- ❖ *MOMBUSHO* Fellow-Nagasaki University, Japan (1989-1991)
- ❖ Scientist B (CSIR-NIO, Goa) 1984 - 1989
- ❖ Senior Technical Assistant (CSIR-NIO, Goa) 1983 -1984
- ❖ Junior Technical Assistant (CSIR-NIO, Goa) 1981 -1983
- ❖ Junior Research Fellow (Mar. Biol. Res. Station KKV, Ratnagiri (MS) 1979-1981

Teaching Experience

University/Research Institute	Post held	Duration		Subject/s
		From	To	
Goa University, Goa, India	Professor & Ph.D. Guide	2000	Till this date	Marine Biology, Zoology & Biotechnology.
Shivaji University, Kolhapur, India	Adjunct Professor & Ph.D. Guide	2010	Till this date	Zoology
SRTM University Nanded, India	Visiting Professor	2011	Till date	Zoology; Biotech Fisheries,
AcSIR-School of Oceanography, Goa, India	Professor & Ph.D. Guide	2011	31/12/2017	Biological Oceanography
Bharatidasan University, Trichy	Ph.D. Guide/Visiting Professor	2012	Till date	Marine Biology
JawaharlalNeharuTech.Uni versity, Hyderabad	Ph.D. Guide	2009	Till date	Pharmacology

Professional Interests:

- ❖ Marine Biodiversity (Monitoring, Conservation & Management)
- ❖ Coral Reef biodiversity
- ❖ Hydrothermal Vent Biology
- ❖ EIA-Impact of human activities on aquatic life, ecology, biogeochemical processes
- ❖ Application of biological tracers in Environmental Monitoring& EIA
- ❖ Molecular characterization of marine organisms
- ❖ Understanding the carbon fluxes & food web dynamic
- ❖ Multidisciplinary Oceanography of the Indian Ocean including marginal seas (Arabian & Andaman Sea) and the Indian sector of the Antarctic (Southern) Ocean
- ❖ Impact of Natural and Anthropogenic Stresses on the Coastal Environment
- ❖ Impact of Deep Sea Mining on the Ecology & Marine Environment
- ❖ Marine Protected Area Management

Foreign Visit for professional work:

1. Germany – Marine Regions Forum: Regional Coordination & Deep-sea Mining Oct-2019
2. South Africa –Bio-regionalization of the Indian Ocean April 2019
3. Bangladesh - SCOR -IOC (UN) Visiting Fellow- Dhaka University Dec 2016
4. Belgium- International Seabed Authority- Genetic Connectivity in the deep sea Dec.2015
5. Italy- SCOR working group of Carbon Cycling in the world Ocean Sept 2015
6. UK - World Marine Biodiversity Conference: 25 Sept-2 Oct 2011
7. USA - GulfEX-II International Ocean Res. Program: 0-5-25 April 2011
8. USA –Int.Network for Scientific Investigations of Deep-seaEcosystems(INDEEP)2010
9. UK -International Conference on Biodiversity: 03-11 October 2010
10. France - Continental margin biodiversity (CoML): 07-10 April 2010
11. Belgium –OBIS- Int. Ocean Commission Nov.2009
12. USA - Census of Deep-sea Life-workshop: 11-15 May 2009
13. USA – COML all program meeting: 29 Jan- 5 Feb 2009
14. USA - COMARG Steering Committee: 07-17 Sept.2008
15. Denmark - GBIF Task Force meeting:15-20 June 2008
16. USA - Managerial meeting of OBIS International: 27 Feb.- 3 Mar.08
17. New Zealand - All project meet –Census of marine Life Coml:10-20 Nov.2007
18. Taiwan- DNA Barcode of Life-Regional task group meeting:15-22 Sept. 2007
19. Bangladesh- World Biodiversity meet: 20-27 May 2007
20. USA- Member of Census of Marine Life committee: 24 Jan-2 Feb 2007
21. Barbados- International meeting March 2006
22. Jamaica- International Seabed Authority (UN) meeting: March 2006
23. France- Continental margin biodiversity (CoML): July 2006
24. UK - Deep-sea Biology Symposium: July 2006
25. France- International working group on Tsunami: Oct 2005
26. Germany - Taxonomic workshop: Nov. 2005
27. Thailand - Science communication: Sept. 2005
28. Thailand - International Tsunami Expedition: May 2005
29. Jamaica-International Seabed Authority (UN), meeting: Oct 2004
30. The Netherlands - Bilateral Research project on OMZ Sept. 2003
31. USA- Deep-sea Biology Symposium: Aug 2003
32. Singapore- Bilateral Visit Aug 2003
33. Norway- Bilateral Research project on Shrimp Culture: 2004
34. Russia -Bioactive substances bilateral Visit: Sept 2001
35. UK- Darwin world-wide Pollution Monitoring: July 2000
36. Portugal - International Ocean EXPO'98: July-Aug.1998
37. Mauritius - XII Indian Expedition: Dec 91-March 92
38. Japan - Japanese Govt. (Monbusho) Fellowship:1989-1991
39. Mauritius - EEZ resource survey: Oct. 1987
40. Seychelles: EEZ Resource Survey March: May 1984
41. Mauritius - IV Indian Expedition: Dec 83-March 84
42. Mauritius - VI Indian Expedition: Dec 85-March 86
43. Kenya - EEZ resource survey: July –Aug 1983

A: Professional Experience in deep-sea Environmental Impact Assessment & Management

I have spent my career studying the deep-sea Indian Ocean and collecting important data on marine biodiversity. This data is crucial for determining the potential impact of deep-sea mining on the environment. Additionally, I have worked on freshwater and marine biodiversity, participated in three Indian Antarctic expeditions, and am currently assessing the environmental impact of deep-sea nodule and sulphide mining. My goal is to develop a management plan that minimizes any negative effects on the natural environment. In 1997, I conducted simulated mining experiments at a depth of 5500 meters in the Central Indian Ocean Basin. The results of this study have been published in reputable international journals and are used globally to predict the impact of deep-sea mining. As a consultant in marine Environmental Impact Assessment (EIA), I have worked with over 100 private and federal companies in India. I provide consultation services to assess the environmental impact of their industrial activities, including sand mining exploration, oil and gas exploration, marine effluent treatment and disposal plants, port and harbor construction, deepening of navigational channels, and environmental monitoring of offshore oil installations. I have participated in the Global Census of Marine Life (CoML) program and am familiar with international requirements such as Marine Protected Area (MPA) management, Biodiversity beyond National Jurisdiction (BBNJ), and the preparation of Regional Marine Environmental Management Plans (RMEMP).

B: Research & Teaching Experience:

I have extensive experience in Marine Biology, having led a research team and evaluated India's marine living resources. My reputation is evident through my involvement in prominent international research programs such as the Census of Marine Life-CoML, GIBIF, GOBI, DOSI, CBoL-DNA Bar-coding, and InterRidge, among others. I have direct participation in field projects and global scientific data analysis, which has given me valuable experience in managing National Priority and Strategic Research Programs in Ocean Science.

As a marine biology and biodiversity expert, I have been invited by State and Central Government departments to formulate and evaluate various research projects related to the exploration and management of living and non-living resources. I understand the importance of setting priorities for food security and mineral resource management. Additionally, I have published over 180 papers in peer-reviewed journals and led a research team in dealing with various environmental issues such as Environmental Impact Assessment (EIA), Impact of deep-sea mining, Marine Biodiversity, Marine Protected Areas (MPA's), and preparing Marine Environmental Management Plans (EMP's).

I have also been actively involved in training young researchers and students in marine science and oceanography. Through this process, I have supervised over 80 graduate and postgraduate dissertations related to marine biology, biodiversity, and EIA. Eleven of my students have been awarded a Ph.D. degree, and four are currently pursuing their research work under my supervision. I am proud to say that two of my PhD students were awarded the prestigious Full Bright fellowship of the US government, two students were awarded the International Inter-Ridge Fellowships, and two students were availed the German government DAAD Fellowship.

In addition to my expertise in Marine Biology, I am proficient in multiple languages, including English, Japanese, Hindi, Marathi, and Konkani. Finally, I believe in leading groups of young people and utilizing available resources for the betterment of society. I understand that scientific and intellectual efforts are crucial for achieving excellence and high-quality output.

C: Major International Collaborations & joint investigations

Experience in working with the International organizations			
Sl. no.	Name of the International Organization	Nature of Experience/Expertise utilized	Duration
1	International Seabed Authority (UN) Jamaica	Preparation of database on deep-sea resources & impact of deep-sea mining- As a Subject Expert	2004-till today
2	Discovery Channel the USA	Participation in Tsunami expedition & finding the main cause of 2004 Sumatra earthquake-Tsunami- deep sea biologist	20004-2006
3	Census of Marine Life (CoML) USA	International Steering Committee member for Exploration of coastal and deep-sea marine biodiversity – Deep-sea Biodiversity	2000-2012
4	Office of the Naval Research, Florida USA	GulfEX-II International Ocean Research Program (in the Gulf of Mexico) – Underwater technology, seabed and marine benthic life	2011-2014
5	Darwin -International program- UK	World-wide pollution monitoring program- TaxonomyExpert Member	2001-2004
6	BioNET working	Global-Networking and database preparation– Biodiversity Expert Member	2006-till date
7	Global Biogeographic information facility (GBIF- UN)	Task Force Member to formulate guidelines for online database and data sharing –	2008 till date
8	Ocean Biogeographic Information System (OBIS)	International Biogeographic database management & Worked as Regional Manager, for Int. Ocean Biogeography –OBIS funded by Sloan Foundation, USA. Node Manager	2004 to 2014
9	Marine Bioregions (GOBI) & CSIRO- Australia	Deep-sea biogeography & biodiversity of the Indian Ocean	2018-till date
10	INDEEP-	International network for scientific investigation of deep-sea ecosystems	2011 till date

11	Deep-Ocean Stewardship Initiative (DOSI)	To integrate science, technology, policy, law, economics & industry to advise on ecosystem-based management of deep-sea resources	2012 till date
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D: Research Publications:

a: Papers in SCI Journals:

1. Periasamy R., P.J. Kurian & **B.S. Ingole** (2023). Two new bamboo corals species (Octocorallia: Keratoisididae) from the seamounts of slow-spreading Central Indian Ridge. *Deep-sea Research*, **201**: <https://doi.org/10.1016/j.dsr.2023.104158>.
2. Padate VP, Periasamy, Rivonker, C. & **B.S. Ingole** (2023). Coral reef-associated brachyuran fauna (Crustacea: Decapoda: Brachyura) from Angria Bank off the west coast of India. *Zootaxa* 5357 (3):398-422, doi.org/10.11646/zootaxa.5357.3.4
3. Periasamy R., P.J. Kurian & **B.S. Ingole** (2023). A new deep-water coral species *Telestula ridgensis* sp. nov (Stolonifera: Clavulariidae) from the seamount of the Central Indian Ridge. *Zootaxa* 5254 (2): 231–244. doi.org/10.11646/zootaxa.5254.2.4
4. Periasamy R., P.J. Kurian & **B.S. Ingole** (2023) Two Black Corals (Anthozoa: Antipatharia) from the Seamount Central Indian Ridge (1917 m) and Deeper Southwest Indian Ridge (4007 m). *Thalassas: An International Journal of Marine Sciences*. 39:1117–1124. DOI : [10.1007/s41208-023-00597-8](https://doi.org/10.1007/s41208-023-00597-8).
5. Priya A., Sreekanth G.B., K. Bella. K. Biji., P.K. Velayudhan., P. Sahadevan., M. Lal., T. Mayekar., **B.S. Ingole.**, P. Kumar, R. Kutty (2023). Delineating the fisheries ecosystem services of a small tropical Indian estuary: identification, evaluation and management. *Estu. Coast & Shelf Sci.*, **293**: doi.org/10.1016/j.ecss.2023.108506.
6. Sreekanth G.B., Priya A., K. Bella. K. M. Lal, Velayudhan P, Biji K., P. Sahadevan., T. Mayekar., P. Kumar, **B.S. Ingole.**, R. Kutty (2023). Ecosystem service delivery: stakeholders' perceptions and gradient wise patterns in a small tropical Indian estuary. *Estu. Coast & Shelf Sci.*, YECSS-D-23-00854 (in press).
7. Ravindran, J., P. Sawant, B. Manikandan, **BS Ingole**, P. Dhivya, R. Periasamy, R. Sharma (2023). Preliminary observations on the coral reef communities in Angria Bank, an isolated carbonate bank in the Northern Indian Ocean, *Regional Studies in Marine Science* 62, 102957. [Doi.org/10.1016/j.rsms.2023.102975](https://doi.org/10.1016/j.rsms.2023.102975)
8. Periasamy R., P.J. Kurian, P.J. T. Samaai, P. Cardenas & **Ingole BS.** (2023). Is the North Atlantic *Geodia barretti* (Porifera, Tetractinellida, Geodiidae) present on the Southwest Indian Ridge?. *Zootaxa*, 5380 (5):461-474. DOI: [10.11646/ZOOTAXA.5380.5.3](https://doi.org/10.11646/ZOOTAXA.5380.5.3).
9. Periasamy R., P.J. Kurian & **B.S. Ingole** (2023). Two new deep-water species of squat lobsters (Crustacea: Anomura: Galatheoidea) from the slow-spreading Central Indian Ridge, and the ultraslow-spreading Southwest Indian Ridge. *Zootaxa*, 27:5231(2):165-178. DOI: [10.11646/zootaxa.5231.2.3](https://doi.org/10.11646/zootaxa.5231.2.3).
10. Sreekanth G.B., S. Mujawar, S. Haragi, J. Rathod, **B.S Ingole**, T. Mayekar, D. M. Lal, Murugesan S H, K. Bella, A. Bijukumar, S. Pramila, R. Kutty, P. Kumar (2023) A multi-metric fish index to measure the ecological quality of tropical predominantly open estuaries along the western coast of India. *Environment Monitoring & Assessment*, **195**(3):421
11. Sreekanth GB, S. Bhat, S. Mujawar, P. K. Velayudhan, T. Mayekar, A. Patil, D. M. Lal, G. Naik, **B. Ingole**, S. Rajkumar & P. Kumar (2023). Seen from the Stakeholder's revelation - valuation of ecosystem services in a small tropical Indian estuary. *Reg Stu. Mar. Sci.* **62**; , doi.org/10.1016/j.rsma.2023.102905
12. Periasamy R., P.J. Kurian & **B.S Ingole** (2022) First record of sponge-associated deep-sea polychaete (Polynoidae: *Bathymoorea*) on the ultraslow-spreading Southwest Indian Ridge. *Deep-sea Research-I*, **191** <https://doi.org/10.1016/j.dsr.2022.103923>.
13. Periasamy R & **B. S. Ingole** (2022) Three New Carnivorous sponge species (Demospongiae: Cladorhizidae) from the Seamounts of the Central Indian Ridge. *Zootaxa*, **5162**(5):451–486. [Doi.org/10.11646/zootaxa.5162.5.1](https://doi.org/10.11646/zootaxa.5162.5.1).

14. Periasamy R., P.J. Kurian & **B.S. Ingole** (2022) A new report on the Deep-sea sponge-associated *Spongicoloides weijiaensis* Xu, Zhou & Wang, 2017 (Decapoda: Spongicolidae) from the Southwest Indian Ocean Ridge. *Zootaxa*, **5195**(3):267-277. doi.org/10.11646/zootaxa.5195.3.5.
15. Sreekanth G B, **Ingole B S.**, Babu Kerkar & Y. Chakurkar (2022) First record of patchy Coral reef off Terekhol, North Goa, *Indian Journal of Geo-Marine Science*, **15**(3):270-274
16. Sreekanth G.B., **Ingole B**, Rakshit N, V. Radhan R, , Giriyan A, F. Dsuza, S. Duardo, S. Dourado T. Mayekar , P. Rivonker, V.R. & Renjith, E.B Chakurkar (2022). Exploring the ecosystem health of a tropical Indian estuary using mass-balanced ecosystem model. *Aquatic Sciences*, **84**:46 Doi.org/10.1007/s00027-022-00880-5.
17. Periasamy R., P.J. Kurian & **B.S. Ingole** (2022). A new deep-sea sponge *Fibulia occiensis* sp. nov. (Poecilosclerida: Dendoricellidae) from the 25° South Oceanic Core Complex in the Central Indian Ocean Ridge. *Zootaxa*, **5162**(1):087–096 Doi.org/10.11646/zootaxa.5162.1.6
18. De, K., Nanajkar M., M., Mote S, & **Ingole BS** (2022). Reef on the edge: resilience failure of marginal patch coral reefs in eastern Arabian Sea under recurrent coral bleaching, coral diseases, and local stressors. *Environmental Science & Pollution Research*, **30**:7288–7302. doi.org/10.1007/s11356-022-22651-3.
19. Tilvi, S., Kumar, R., **Ingole, B.** (2023). A rapid direct infusion mass spectrometric method for identification of molecular species of phosphatidylcholines and plasmalogencholines from sea slug *Elysia bangtawaensis*. *European Journal of Mass Spectrometry*.
20. Periasamy R., P.J. Kurian & **B.S. Ingole** (2023). Seven new records of deep-sea corals (Hydrozoa: Anthozoa) from the Central and Southwest Indian Ridges. *Zootaxa* (in review).
21. Periasamy R., P.J. Kurian & **B.S. Ingole** (2023). Occurrence of the stoplight loose jaw **dragonfish** *Malacosteus australis* Kenaley, 2007, (Actinopteri: Stomiidae) on a seamount in the Southwest Indian Ridge. *Mar Biol. Res.* (in review)
22. Hussain, A., Mote S., K. More., **Ingole B.S.**, M. Nanajkar, (2023). Role of bacterial community associated with skeletal tissue growth anomalies of *Turbinaria mesenterina*-A metagenomic approach Manuscript.ID: 688956 (in review)
23. Hussain, A., Mote S., K. More., **Ingole B.S.**, M. Nanajkar, (2023). Microbial communities and their functional role associated with the localised outbreak of coral growth anomalies in Eastern Arabian Sea. *Environmental Science and Pollution Research* (in review)
24. De, K., M. Nanajkar, V. Gupta, & **B. Ingole** (2023). Challenges and opportunities towards meeting the United Nations sustainable development goals from coral and seaweed ecosystem under climate change: retrospect and prospect. *Journal of Applied Phycology* (in review)
25. Hussain A., T. Work, J. Dagneis, **B. Ingole** (2023) Investigating the role of heat shock proteins involved in the model coral organism- *Aiptasia pulchella* under heat stress conditions. (in review)
26. Ramadoss, D., A. Acharya, J. John, B. S. Ammanabrolu, & **B. Ingole**, Deep-sea Life associated with sediments and polymetallic nodules from the Central Indian Ocean Basin: Insights from the 18S metabarcoding. (MS PROOCE-D-23-00333) Prog. Oceanogr.
27. Bayartogtokh, B., Ermilov, S., Chatterjee, T. & **Ingole, B S.** has submitted the manuscript, "Paedonothrus gen. nov., an unusual paedomorphic marine oribatid mite genus from the Arabian Sea, with reassessment of Trhypochthoniidae (Acari: Oribatida) : New marine genus and species of Trhypochthoniidae. *Systematic and Applied Acarology*.
28. Periasamy R., P.J. Kurian & **B.S. Ingole** (2023). A Deep-sea stalked tunicate *Culeolus suhmi* Herdman (1881) (Ascidiacea: Pyuridae) from the slow-spreading Central Indian Ridge. *Thalassas: An International Journal of Marine Sciences*.
29. De, K., Nanajkar M., Arora, M., Nithyanandan M., Mote S, & **Ingole BS** (2022). Application of remotely sensed sea surface temperature for assessment of recurrent coral bleaching (2014-2019) impact on a marginal coral ecosystem. *Geocarto International*, **37** (15): 4483-4508. doi.org/10.1080/10106049.2021.1886345
30. Sreekanth G.B., S. Mujawar, P. Fernandes, S. Johnson, R. Raghavan, **B. Ingole** & A. Biju Kumar (2022) Modelling the mixed impacts of multiple invasive alien fish species in a closed freshwater ecosystem in India. *Environmental Science & Pollution Research*, **1**-19.
31. Hussain A, V. Bhawe, A. Zari, D. Apte, **B.S. Ingole** & M. Nanajkar, (2022). Records of Sea Slug Fauna (Gastropoda: Heterobranchia) from the shores of Goa, Eastern Arabian Sea. *Thalassas: An International Journal of Marine Sciences* **1-15**, doi.org/10.1007/s41208-022-00430-8

32. Surya Prakash L, S.O Fernandes, **B.S. Ingole** & J.P Kurian (2022). Bio-Geochemical characteristics of hydrothermal systems in the Indian Ocean. **Systems Biogeochemistry of Major Marine Biome**, AGU Book A. Majumdar A. and Ghosh W. (ed.), Wiley Blackwell Pub, 285-313pp.
33. **Ingole, B.**, Chakraborty, B., Chatterjee, T., Dovgal, I. (2021). New record of *Thecacinetia calix* (Ciliophora, Suctorea) from Florida coast, Gulf of Mexico. **Acta Biologica**, **27**: 143-147. DOI:10.18276/ab.2020.27-13.
34. Sivadas, SK., GVM Gupta, S. Kumar & **B.S. Ingole** (2021) Trait-based and taxonomic macrofauna community patterns in the upwelling ecosystem of the southern Arabian Sea. **Marine Environmental Research**, **170**: Doi.org/10.1016/j.marenvres.2021.105431.
35. De, K., Sanaye SV., Mote S., Nanajkar M & **Ingole B.S.** (2021). An account of reef-associated ichthyofauna from a marginal coral reef habitat in the west coast of India: Implication of management strategies. **CBM-Cahiers de Biologie Marine**, 62:87-97. doi:10.21411/CBM.A.DF8FA0B8
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