

Dr. Baban Ingole

Designation: Visiting Scientist

National Centre for Polar & Ocean Research Vasco Goa 403804 India

(Formerly: Chief Scientist & Head, Biology Division

CSIR-National Institute of Oceanography, Dona Paula, Goa)

E-mail: babaningole@ncpor.res.in & baban.ingole@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:

- ❖ 42 Years of Research & Teaching at PG/PhD level
- ❖ Leader >200 Research Projects; 45 Major Projects
- ❖ Participated- THREE Antarctic Expeditions, Discovery Expedition & Visited 27 Countries
- ❖ Member, National & International Research Advisory Committees
- ❖ PhD. Research Guide 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: 221 (161 in SCI Journals)
- ❖ Citation: >4300
- ❖ H-Index: 33
- ❖ I- Index: 99
- ❖ Impact Factor: >270
- ❖ NAAS Rating: >650
- ❖ Books-Chapter Written 14.
- ❖ Patents granted/applied for: 03
- ❖ Popular Science Articles: 23
- ❖ PhD. Supervisor/Guide : 14; M.Sc. Dissertations Supervisor: 89

Awards:

- ❖ *Japanese Govt. (MOMBUSHO) Fellowship*, Nagasaki, Japan
- ❖ *SCOR (UN) Visiting Fellowship*
- ❖ *Young Scientist Award* in Biosciences
- ❖ *Prof. N.R. Menon Memorial Award 2019* - Cochin University of Science & Technology
- ❖ *Marathwada Gaurav Award* (Govt. Maharashtra 1997)
- ❖ *Darpan Award*- for the popularization of Science in India
- ❖ *Shri D.B. Vikaji Taraporwale Fellowship*, Govt. of Maharashtra
- ❖ *Prof. G.S. Shukla Gold Medal*- 2015 Society for Environmental Biology
- ❖ *Eco-Vision Award*- by EcoNeed Foundation
- ❖ *Rajbhasha Kriti Samamn*- Bharatiya Rajbhasha Vikas Sansthan.
- ❖ *Smt. Kusumtai Chavan Smurti Puraskar* 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:

- ❖ 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 Nation) 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:

- ❖ Ph.D. 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, ESSO-National Centre for Polar & Ocean Research 2019 till 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 & PhD Guide	2000	Till this date	Marine Biology, Zoology & Biotechnology.
Shivaji University, Kolhapur, India	Adjunct Professor & PhD 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 & PhD Guide	2011	31/12/2017	Biological Oceanography
Bharatidasan University, Trichy	PhD Guide/Visiting Professor	2012	Till date	Marine Biology
Jawaharlala Neharu Tech.University, Hyderabad	PhD 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. Belgium- International Seabed Authority- Genetic Connectivity in the deep sea Dec.2015

A: Professional Experience in deep-sea Environmental Management

As a Marine Biologist, I have been working on the coastal and deep-sea benthic Ecology and Biodiversity since 1981 and was directly involved in the Indian deep-sea Mineral Exploration program.

Under the above important deep-sea program, I have collected the Baseline Environmental and biological data associated with marine mineral resources such as Polymetallic Nodules, Hydrothermal Sulfides, and Cobalt Crusts. This data is very critical in assessing the impact of deep-sea mining in the future.

Presently I am involved in assessing the Impact of deep-sea Mining (Polymetallic Nodule and Massive sulphide) on the Marine Environment. We conducted the simulated mining Experiments in the Central Indian Ocean Basin at a water depth of 5500 meters. Some of our results are published in international journals such as:

1. **Ingole, B. S.**, Z. A. Ansari, V. Rathod & N. Rodrigues. (2001). Response of Deep-Sea Macrobenthos to a small-scale Environmental Disturbance. *Deep-Sea Research-II* **14** (16):3401-3410.
2. **Ingole, B. S.**, Z. A. Ansari, V. Rathod & N. Rodrigues. (2000). Response of meiofauna to immediate benthic disturbance in the Central Indian Ocean Basin. *Marine Georesources & Geotechnology*, **18** (3):263-272
3. **Ingole, B.S.**, Sautya S., Sivadas S., Singh R., Nanajkar, M. (2010). Macrofaunal community structure in the Western Indian continental margin, including the oxygen minimum zone. *Marine Ecology*, **31:148-166**
4. **Ingole B.**, Pavithran, S., & Ansari, Z.A. (2005). Restoration of deep-sea macrofauna after simulated benthic disturbance in the Central Indian Basin. *Marine Georesources and Geotechnology*, **23:267-288**
5. **Ingole, B. S.**, Goltekar, R. Gonsalves, S., & Ansari, Z.A.(2005): Recovery of Deep-sea Meiofauna after Artificial Disturbance in the Central Indian Basin. *Marine Georesources & Geotechnology*. **23:253-266**
6. Lokabharathi, P.L. Nath, B.N., **Ingole B.S.**, Sharma, R. (2005). Impact on surface productivity during sediment dispersal experiment in CIB. *Marine Georesources & Geotechnology*, **23:315-330**
7. **Ingole, B.S.**, & J. A., Koslow (2005), Deep-sea Ecosystems of the Indian Ocean *Indian J. Marine Science*, **34** (1):27-34
8. **Ingole, B.S.**, (2003). Macrobenthic community structure of the Central Indian Ocean with emphasis on the spreading Ridge environment. *Current Science*, **85** (3): 328-333.
9. Singh R., Sautya S. & **Ingole B.S.** (2019). The Community Structure of the Deep-Sea Nematode Community Associated with Polymetallic Nodules in the Central Indian Ocean Basin. *Deep-Sea Res.*, **II161:16-28**
10. Sautya S., **Ingole B.S.**, Jones D. O. B., Ray D., Kamesh Raju K. A. (2017). First quantitative exploration of benthic megafaunal assemblages on the mid-oceanic ridge system of the Carlsberg Ridge, Indian Ocean. *J. Mar. Biol. Assoc. UK* **97** (2), 409-417

I was also involved in the Global Census of Marine Life (CoML) program and aware of the international requirements as such as Marine Protected Area (MPA's) Management, Biodiversity beyond National Jurisdiction (BBNJ), and preparing the Regional Marine Environmental Management Plan (RMEMP).

As a marine EIA Consultant, I have worked for > 100 different private and federal companies in India and provided consultancies for Assessing the Environmental Impact (EIA) of their industrial activities such as exploration of sand mining, Oil & Gas explorations, Marine Effluent Treatment & Disposal Plants, Constructions of Port & Harbours; Deepening of Navigational Channels, Environmental Monitoring of Offshore Oil installations, etc.

B: Research & Teaching Experience:

I was leading a research team in Marine Biology. I gained adequate experience assessing India's marine living resources, and my reputation is visible through my National and International collaborations. My involvement in the prominent international research program such as *Census of Marine Life-CoML* (being a Node-manager for **Indo-OBIS** and Member of Steering Committee of **CenSeam-Seamount**; **CoMARG** Continental Margin; **CeDAMaR** Deep-sea Biodiversity); *GIBIF*, CBoL-DNA Bar-coding); *InterRidge*; *BioNET*; *ISA*-International Seabed Authority; *SEATOS-Discovery Channel's* International Tsunami Expedition; *INDEEP* - International Network for Scientific Investigations of Deep-sea Ecosystems is significantly high through direct participation in field projects and analysis of global scientific data.

My involvement in major international research projects (CoML, GBIF; UNDP; SEATOS; OBIS; ISA, etc.) gave me enough exposure and valuable experience in managing the National Priority and Strategic Research Programs in Ocean Science. As a marine biology & biodiversity expert, I was invited by the 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 am fully aware of the necessities in setting priorities for food security and mineral resource management. I was able to conduct high-quality research and published >140 papers in peer-reviewed journals. Moreover, while providing expert technical services to the government and private industries, I led a research team to deal with the **Environmental Impact Assessment (EIA)**, **Marine Biodiversity**, **Marine Protected Areas (MPA's)** and preparing the "**Marine Environmental Management Plans (EMP's)**". Besides, I was actively involved in training young researchers and students in marine science and oceanography. Training is an integral part of Human Resource (HR) development and essential for industrially growing and developing countries like India. In this process, I have successfully supervised over 80 graduate and postgraduate dissertations related to marine biology, biodiversity, and EIA. Eleven of my students have been awarded a PhD degree, and four are currently pursuing their research work under my supervision. Regarding the quality of science, it is worth mentioning 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 awarded the **German government DAAD Fellowship**.

With my *Multilanguage Skill*, I can speak, read, and write in English, Japanese, Hindi, Marathi, and Konkani. Finally, my strength is in leading a group of young people and using the available. Presently I am involved in assessing the Impact of deep-sea Mining (Polymetallic Nodule and Massive sulphide) on the Marine Environment. We conducted the simulated mining Experiments in the Central

Indian Ocean Basin at a water depth of 5500 meters. Some of our results are published in international journals such as:

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

D: Research Publications:

a: Papers in SCI Journals:

1. **Ingole, B.**, Chakraborty, B., Chatterjee, T., Dovgal, I. (2021). New record of *Thecacineteta calix* (Ciliophora, Suctorea) from Florida coast, Gulf of Mexico. *Acta Biologica*, **27**: 143-147. DOI:10.18276/ab.2020.27-13.
2. Sivadas, SK., GVM Gupta, S. Kumar & **BS Ingole** (2021) Trait-based and taxonomic macrofauna community patterns in the upwelling ecosystem of the southern Arabian Sea. *Marine Environmental Research*, **170**:Doi.org/1016/j.marenvres.2021.105431.
3. Sreekanth G.B., S.Mujawar, P.Fernandes, S. Johnson, R. Raghavan, **B. Ingole** & A. Biju Kumar (2021) Modelling the mixed impacts of multiple invasive alien fish species in a closed freshwater ecosystem in India. *Environmental Science & Pollution Research* (in press).
4. 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 Y Chakurkar (2021). Ecosystem modelling to understand the trophic dynamics and ecosystem health of a small tropical Indian estuary. *Ecological Informatics* (in press)
5. De,K., Nanajkar M, Arora, M, Nithyanandan M, Mote S, & **Ingole BS** (2021). Application of remotely sensed sea surface temperature for assessment of recurrent coral bleaching (2014-2019) impact on a marginal coral ecosystem. *Geocarto International*, doi.org/10.1080/10106049.2021.1886345
6. Mote, S. V. Gupta, K.De, M.Nanajkar, S.R.Damare & **Ingole B.S.** (2021).Bacterial diversity associated with a newly described bioeroding sponge, *Cliona thomasi*, from the coral reefs on the west coast of India.*Folia Microbiologic*, /doi.org/10.1007/s12223-020-00830-4.
7. Mote S., K. More., K. De, A. Hussain, M. Nanajkar, V. Gupta & **B. Ingole** (2021). Differential photo-symbiotic dinoflagellates associates with the coral and coral-eroding sponge in a bleaching impacted marginal reef ecosystem *Frontier in Marine Biodiversity*, doi:10.3389/fmars.2021.666825
8. Tambre, G., Mote, S., De, K., Yogi, D., Jadhav, M., **Ingole, B.**, Chatterjee, T., Nanajkar, M. (2021).By-catch mortality of beaked Sea Snake *Hydrophis schistosus* (Daudin, 1803) by entanglement in shoreseine operation in Goa-India. *Acta Biologica*, **27**: 67-76; DOI:10.18276/ab.2020.27-07.
9. Sreekanth GB, P. Rivonkar, T.S. Mayekar, A.Giriyan, F. Dsuza, S.Duardo, **B. Ingole** & Chakurkar EB (2021). Inventory of fisheries resources using participatory research approach in Mandovi estuary in central western coast of India. *J. Environmental Biology*, 42(5):1257-1263; DOI:10.22438/jeb/42/5/MRN-1646
10. De,K., Sanaye SV, Mote S, Nanajkar M & **Ingole BS** (2021). An account of reef-associated ichthyofauna from a marginal coral reef habitat in west coast of India: Implication of management strategies.*CBM-Cahiers de Biologie Marine*, doi:10.21411/CBM.A.DF8FA0B8
11. Surya Prakash L, S.O Fernandes, **B.S. Ingole** & J.P Kurian (2021). Bio-Geochemical characteristics of hydrothermal systems in Indian Ocean. *Systems Biogeochemistry of Major Marine Biome, AGU Book A*. Majumdar and Ghosh (ed.), Wiley Blackwell Pub (in press)
12. SreekanK., **Ingole B S.**, Babu Kerkar & Y. Chakurkar (2021) First record of patchy Coral reef off Terekhol, North Goa, *Indian Journal of Geo-Marine Science* (in press)
13. Chatterjee T, **Ingole B.S.** & B.C Guru (2021) Trends in Mangrove meiobenthic studies in India: An overview. *Acta Biologica*(in press).
14. Periasamy R. & **B.S Ingole** (2021) Three New Carnivorous sponge (Demospongiae: Cladorhizidae) species in the Seamounts of the Central Indian Ridge. *Zootaxa* (accepted)
15. Periasamy R.,P.J.Kurian, PJ, T. Samaai, P. Cardenas& Ingole BS. (2021) A new deep-water *Geodia* (Porifera, Tetractinellida, Geodiidae) from the Southwest Indian Ocean Ridge.*European Journal of Taxonomy*
16. De K., K. Venkataraman & **B.S.Ingole** (2020). The hard corals (Scleractinia) of India: a revised checklist. *Indian Journal of Geo-Marine Science*, **49(10): 1651-1660**.
17. De K., K. Venkataraman &**B.S.Ingole** (2020). The hard corals (Scleractinia) of India: a revised checklist. *Indian Journal of Geo-Marine Science*, **49(10): 1651-1660**.
18. Hussain A. &**Ingole BS** (2020). Massive coral bleaching in the patchy reef of Grande Island, along the eastern Arabian Sea during the 2015/16 global bleaching event. *Reg. Studies in Marine Science*,**39**;doi.org/10.1016/j.rsma.2020.101410
19. De K., Nanajkar M., Mote S. &**Ingole B.S.** (2020). Coral damage by recreational diving activities in a Marine Protected Area of India: Unaccountability leading to ‘Tragedy of the not so commons’. *Marine Pollution Bulletin* **155 - 111190**doi.org/10.1016/j.marpolbul.2020.111190.

20. Periasamy R., S.O. Fernandes, P.J.Kurian & **B.S. Ingole** (2020). Molecular identification of Deep-Sea Blind Lobster *Willemoesia forceps* (Crustacea: Decapoda: Polychelidae) from the Central Indian Ridge. *Mitochondrial DNA Part B: Resources*, **5**(1):1013-1014, doi: [10.1080/23802359.2020.1721345](https://doi.org/10.1080/23802359.2020.1721345).
21. Nanajkar M, De K, & **Ingole BS** (2019). Coral reef restoration- a way forward to offset the coastal development impacts on Indian coral reefs. *Mar. Poll. Bull.*, **149**:[org/10.1016/j.marpolbul.2019.110504](https://doi.org/10.1016/j.marpolbul.2019.110504)
22. Singh R., Sautya S. & **Ingole BS** (2019). The Community Structure of the Deep-Sea Nematode Community Associated with Polymetallic Nodules in the Central Indian Ocean Basin. *Deep Sea Res.*, **116**:16-28; doi.org/10.1016/j.dsr2.2018.07.009
23. Mote, S.G., Schönberg, C. H. L., Samaai, T., Gupta V. & **Ingole, B. S.** (2019). A new clionaid sponge infests live corals on the West Coast of India (Porifera, Demospongiae, Clionaida). *Systematic & Biodiversity*. **17**(2):190-206; doi: [10.1080/14772000.2018.1513430](https://doi.org/10.1080/14772000.2018.1513430)
24. Periasamy R. & **Ingole B.S.** (2019). Genetic variation of reef-building the polychaete *Sabellaria chandraae* in the South-Eastern Arabian Sea based on mitochondrial COI gene sequences. *Mitochondrial DNA Part B*; doi.org/10.1080/23802359.2019.1673223
25. Pawar H.B., Sanaye S.V., Sreepada R.A. & **Ingole B.S.** (2019) Weight-length relationship, morphometric and meristic characters of the yellow seahorse *Hippocampus kuda* Bleeker, 1852 (Syngnathiformes: Syngnathidae) from central west coast of India. *Indian. J. Fish.*, **66**(2):109-114 doi:[10.21077/ijf.2019.66.2.86769-15](https://doi.org/10.21077/ijf.2019.66.2.86769-15)
26. Snelgrove PVR, Soetaert K, Solan M, Thrush S, Wei C-L, Danovaro R, Fulweiler RW, Kitazato H, **Ingole B**, Norkko A, Parkes RJ, Volkenborn N. (2018). Global Carbon Cycling on a Heterogeneous Seafloor. *Trends in Ecology & Evolution*, **33** (2): 96-105 doi.org/10.1016/j.tree.2017.11.004
27. Periasamy R., & **Ingole B.S.** (2018). 18S rDNA sequencing data of Benthic Polychaetes from the Eastern Arabian Sea. *Data in Brief*. **20**:1749-1752. <https://doi.org/10.1016/j.dib.2018.09.015>
28. Chatterjee, T., Annapurna, C., Guru, B.C. & **Ingole, B S.** (2018). A review note on research studies of marine and brackish water meiofauna from Odisha, India. *Acta Biologica*, **25**:33-43. doi:[10.18276/ab.2018.25-03](https://doi.org/10.18276/ab.2018.25-03)
29. **Ingole B S.** (2017). Angria Bank-an untold story of underwater world, *Ela J Forest Wildlife*, **6** (1): 317-321.
30. Sautya S., **Ingole B.S.**, Jones D. O. B., Ray D., Kamesh Raju K. A. (2017). First quantitative exploration of benthic megafaunal assemblages on the mid-oceanic ridge system of the Carlsberg Ridge, Indian Ocean. *J. Mar. Biol. Assoc. UK*, **97** (2): 409-417 [doi:10.1017/S0025315416000515](https://doi.org/10.1017/S0025315416000515).
31. Singh, N., Bhagat J. & **Ingole B.S.** (2017). Genotoxicity of two heavy metal compounds: lead nitrate and cobalt chloride in Polychaete *Perinereis cultrifera*. *Environmental Monitoring & Assessment*, **189**(7):308 doi.org/10.1007/s10661-017-5993-4
32. Periasamy. R, **B.S. Ingole** & R. M. Meena (2017). Phylogenetic relationship and Genetic Variability of Horseshoe Crab, *Tachypleus gigas* (Müller 1785) between India and Southeast Asian. *Current Science*, **112**(10): 2029-2033; doi:[10.18520/cs/v112/i10/2029-2033](https://doi.org/10.18520/cs/v112/i10/2029-2033)
33. Periasamy, R., **Ingole B.S.** & De, K. (2017) Polychaete assemblage driven by substrate composition along the coastal waters of the South-eastern Arabian Sea. *Reg. Studies in Mar. Sci.*, **16**:208-2015 doi.org/10.1016/j.rsma.2017.09.004
34. De K., **Ingole B.S.** & K. Venkataraman (2017). Current status and scope of coral reef research in India: A bio-ecological perspective. *Indian Journal of Geo-Marine Science*, **46**(4):647-662.
35. Bhagat, J., A Sarkar, V Deepti, V Singh, L Raiker, & **B.S. Ingole** (2017) An integrated approach to study the biomarker responses in marine gastropod *Nerita chamaeleon* environmentally exposed to polycyclic aromatic hydrocarbons. *Invertebrate Survival Journal* **14**:18-31
36. Bhagat J, **Ingole B.S.** & Singh N. (2016). Glutathione S-transferase, catalase, superoxide dismutase, glutathione peroxidase, and lipid peroxidation as a biomarker of oxidative stress in snails: A review. *Invertebrate Survival Journal*, **13**:333-349, <http://www/isj.unimo.it/articoli/ISJ444.pdf>
37. Jones D.O.B, S. Kaiser, A.K., Sweetman, C.R. Smith, L. Menot, A. Vink, D. Trueblood, J. Greinert, D.S.M. Billett, P.M. Arbizu, T. Radziejewska, R. Singh, **BS Ingole**, T. Stratmann, E. Simon-Lledó, J.M. Durden, M.R. Clark (2017) Biological responses to disturbance from simulated deep-sea polymetallic nodule mining. *PLoS ONE* **12**(2):e0171750. doi:[10.1371/journal.pone.0171750](https://doi.org/10.1371/journal.pone.0171750)
38. **Ingole B.S.**, Periasamy R, & Kalyan D (2016) Macro-benthic Community Structure Response to Coastal Hypoxia off Southeastern Arabian Sea. *J Coast Zone Management* **19**(4):1-10. doi:[10.4172/2473-3350.1000436](https://doi.org/10.4172/2473-3350.1000436).

39. Singh, R. & **Ingole, B. S.** (2016). Structural and functional study of the nematode community from the Indian western continental margin with reference to habitat heterogeneity and oxygen minimum zone, *Biogeosciences*, doi.org/10.5194/bg-13-191-2016.
40. Sivadas SK & **Ingole B.S.** (2016). Biodiversity and zoogeography of benthic communities (Polychaeta, Bivalvia and Gastropoda) from the coastal basins of North Indian Ocean. *Mar. Biol. Res.* 12 (8): 797–816; doi.org/10.1080/17451000.2016.1203949
41. Sivadas SK, Nagesh R, Gaonkar UK, Mukherjee I, Ramteke D, **Ingole, B.S.** & Gupta GVM. (2016). Testing the efficiency of temperate benthic biotic indices in assessing the ecological status of a tropical ecosystem. *Mar. Poll. Bull.*, 106:62-76: doi.org/10.1016/j.marpolbul.2016.03.026
42. **Bhagat, J.**, Sarkar A. & **Ingole B.S.** (2016) DNA Damage and Oxidative Stress in Marine Gastropod *Morula granulata* Exposed to Phenanthrene. *Water Air Soil Pollut.* 227:114; doi 10.1007/s11270-016-2815-1
43. Hussain, A., Kalyan De, L. Thomas, R. Nagesh, S. Mote & **Ingole, B.S.** (2016). Prevalence of skeletal tissue growth anomalies (STAs) in Scleractinian corals in Malvan Marine Sanctuary, Eastern Arabian Sea. *Diseases of Aquatic Organisms*, 121:79-83. DOI/10.3354/dao03038.
44. Manikandan, B, Ravindran, J., Hima Mohan, Periasamy, R., & **Ingole, B.S.** (2016) Community Structure, Status and Distribution Patterns of corals in Grande Island, Goa. *Reg. Stud. Mar. Sci.*, 7:150-158
45. De K, S., Sautya, **B.S. Ingole**, S. Mote, L. Tsering, Perisamy, R., V. Patil (2015) Is climate change influencing coral bleaching in Malvan Marine Sanctuary, Maharashtra? *Current Science*, 109(8):1379-1380
46. Mote S., Ranjeet kumar, Naik B.G & **B. S. Ingole** (2015) Polycyclic Aromatic Hydrocarbons (PAHs) and n-alkanes in Beaked Sea Snake *Enhydrina schistose* (Daudin, 1803) from the Mandovi estuary, Goa. *Bull. of Env. Contamination & Toxicology*, 94:171-177, doi: 10.1007/s00128-014-1439-7
47. **Bhagat J.** & **Ingole, B.S.** (2015). Genotoxic Potency of Mercuric Chloride in Gill Cells of Marine Gastropod *Planaxis Sulcatus* using Comet Assay. *Env. Sci. & Poll. Res.*, 22:10758–10768; doi: 10.1007/s11356-015-4263-7
48. Periasamy, R., Chen X & **B.S. Ingole**, & Liu Wenai (2015). Complete mitochondrial genome of the Spadenose shark *Scoliodon laticaudus* (Carcharhiniformes: Carcharhinidae). *Mitochondrial DNA*, 19:1-2; doi:10.3109/19401736.2015.1007368
49. Deshmukh A., **Ingole, B.S.**, Mukharjee I & Sivadas S. (2015). New record of Synaptidae Holothurian *Protankyra bidentata* (Woodward & Barrett, 1858) from the India Ocean region. *Indian J. Fisheries*, 62(3):157-160
50. Sarkar, A., J. **Bhagat, B. S Ingole**, D.P Rao, V. & L Markad (2015) Genotoxicity of cadmium chloride in the marine gastropod *Nerita chamaeleon* using comet assay and alkaline unwinding assay. *Environ Toxicol.*, 30(2):177-87 ;doi: 10.1002/tox.21883
51. **Ingole B.S**, Gaonkar U, Deshmukh A, Mukherjee I, Sivadas S & Gophane, A. (2014). Macrobenthic community structure of coastal Arabian Sea during the Fall intermonsoon. *Indian Journal of Geo-Marine Science*, 43 (12):2223-2232
52. Singh R., Dmitry M. M., Miljutina, M.A., P. Martinez & **Ingole B.S.** (2014). Deep sea nematode assemblages from a commercially important polymetallic nodule area in the Central Indian Ocean Basin). *Marine Biology Research*, 10 (9):906-916; doi:10.1080/17451000.2013.866251
53. Sivadas, S.K. Redij, A., Sagare P., Thakur, N & **Ingole B.S.** (2014) Temporal variation in macroinvertebrates associated with intertidal sponge *Ircinia fusca* (Carter 1880) from Ratnagiri, West coast India. *Indian Journal of Geo-Marine Science* 43(6):921-926
54. Malik A., C.E.G. Fernandes, M.J. Gonsalves, N.S. Subina, K. Krishna, S. Varik, R. Kumari, M. Gauns, R.P. Cejocice, S. Pandey, V.K. Jineesh, S. Kamleson, V. Vijayan, I. Mukharjee, S. Subramanyan, S. Nair, **B.S. Ingole** & P.A. LokaBharathi (2014). Interactions between trophic levels in upwelling and non-upwelling regions during summer monsoon. *J. Sea Res.*, 95:56-69; doi: 10.1016/j.seares.2014.10.012
55. Ansari, Z.A., **Ingole, B.S.**, S.A.H. Abidi (2014). The organic enrichment and benthic fauna – some ecological consideration. *Indian Journal of Geo-Marine Science*, 43(4); 554-560
56. Kulkarni, S.S., RA Sreepada & **B.S. Ingole** (2014). Contribution of natural biota in the initial growth of black tiger shrimp *P. monodon*, in modified extensive shrimp farming practices on South-West coast of India. *International Journal of Research in Fisheries & Aquaculture*, 4(1): 31-38
57. Kakodkar, A. P., Alornekar, A., D'Souza, R., Thomas, T.R.A., Divekar, R., Nath, I.V.A, Kavlekar, D.P., **Ingole, B.S.** & P.A. LokaBharathi (2013) *bioSearch*: A Glimpse into Marine Biodiversity of Indian Coastal Waters. *Indian Journal of Geo-Marine Science*, 42 (6):745-748
58. Gómez, S, **B.S. Ingole**, M. Sawant & R. Singh (2013). *Cletocamptus goenchim* sp. nov., a new harpacticoid (Copepoda: Harpacticoida) from India. *Proc. Biological Society of Washington*, 126 (3):259-257; doi:10.2988/0006-324X-126.3.259

59. Gaonkar, U., Sivadas, S.K., & **Ingole, B.S.** (2013). Effect of tropical rainfall in structuring macrobenthic community of Mandovi estuary, West Coast of India. *J. Mar. Biol. Assoc. UK*.93(7): 1727-1738. DOI:doi.org/10.1017/S002531541300026X,
60. Sivadas, S.K., **B. S. Ingole** & C. E. G. Fernandes (2013). Environmental Gradient Favours Functionally Diverse Macrobenthic Community in a Placer Rich Tropical Bay. *The Scientific World Journal*, Volume 2013, Article ID 750580, 12 pages doi.org/10.1155/2013/750580
61. De'Sousa, T., **Ingole, B. S.**, DeSousa, S. & Bhosle, S. (2013). Seasonal variations of nitrate reducing and denitrifying bacteria utilizing hexadecane in Mandovi estuary, Goa, West Coast of India. *Indian J. Geo-Mar. Sci.*: 42(5):587-592
63. Pawar H.B., **Ingole B.S.** & Sreepada R.A (2013). Efficacy of sodium bicarbonate as anaesthetic for yellow seahorse, *Hippocampus kuda* (Bleeker, 1852). International Journal of Research in Fisheries and Aquaculture. *Int. J. Res. Fish. Aquacult.*,3(3):103-107.
64. Gawade, L.; Chari, N.V.H.; Sarma, V.V., **Ingole, B.S.** (2013). Variation in heavy metals concentration in the edible oyster *Crassostrea madrasensis*, clam *Polymesoda erosa* and grey mullet *Liza aurata* from coastline of India. *Indian J. Sci.*: 2(4); 2013; 59-63.
65. Clemente, S., **Ingole, B.S.**, Sumati M & Goltekar, R. (2013). Sulfide oxidizing activity as a survival strategy in mangrove clam *Polymesoda erosa* (SOLANDER, 1786). *Bionano Frontier*, 6(1):164-171.
66. Bhagat, J., **Ingole B.S.**, Sarkar A. & Gunjiker M. (2012). Measurement of DNA damage in *Planaxis sulcatus* as a biomarker of Genotoxicity. *The Ecoscan*, 1(1-4):219-224.
67. Chatterjee T, G. Fernandez-Leborans, D. Ramtaka & **B. S. Ingole** (2013). New records of epibiont ciliates (Ciliophora) from Indian coast with description of six new species. *CBM-Cahiers de Biologie Marine*, 54:143-159.
68. Sivadas S.K, **B. Ingole**, P. Ganesan, S. Sautya, M. Nanajkar (2012). Role of environmental heterogeneity in structuring the macrobenthic community in a tropical sandy beach, west coast of India. *J. of Oceanography*, 68:295-305. DOI [10.1007/s10872-011-0099-z](https://doi.org/10.1007/s10872-011-0099-z).
69. Stöhr, S., Sautya, S & **Ingole B.S.** (2012) Brittle stars (Echinodermata: Ophiuroidea) from seamounts in the Andaman Sea (Indian Ocean) - a first account, with descriptions of new species. *J. Mar. Biol. Assoc. UK.*, 92 (05):1195-1208, [doi:10.1017/S0025315412000240](https://doi.org/10.1017/S0025315412000240).
70. Haris, k., Chakraborty, B., **Ingole, B.S.**, Menezes, A.A.A., & Srivastava, R. (2012). Seabed habitat mapping employing single and multi-beam backscatter data: A case study from the western continental shelf of India. *Continental Shelf Research*, 48: 40-49; doi.org/10.1016/j.csr.2012.08.010.
71. Chatterjee, T, Marshall, D. J., Guru, B.C. **Ingole B.S.**, Pesic V., (2012). A new species of the genus *Acarothrix* (Acari: Halacaridae) from Brunei Darussalam and India. *CBM-Cahiers de Biologie Marine*, 53 (4):541-546.
72. Sivadas, S., **B.S. Ingole** & A. Sen (2012). Ecology of the polymorphic button shell, *Umbonium vestiarium* (Linne 1758) from Kalbadevi beach Ratnagiri, India. *J. Env. Biol.*, 33:1039-1044.
73. Pesic V., Chatterjee, T, **Ingole B.S.** Velip, D. & Pavicevic, A. (2012). A new species of *Litarachna* Walter, 1925 (Acari, Hydrachnidia) from the West Indian Coast, with a discussion on the biodiversity of the family Pontarachnidae Koenike. *CBM-Cahiers de Biologie Marine*, 53 (4):547-553.
74. Nath, B.N., Khadge, N.H., Sapana Nabar, Raghukumar, C., **Ingole B.S.**, Valsangkar, A.B., Sharma, R., Srinivas, K. (2012). Monitoring the sedimentary carbon in an artificially disturbed deep-sea sedimentary environment. *Env. Monitoring & Assessment*, 184:2829-2844 [doi: 10.1007/s10661-011-2154-z](https://doi.org/10.1007/s10661-011-2154-z)
75. Sautya, S., **Ingole B.S.**, Ray D., Stöhr, S., Samudrala K., Kamesh Raju K. & Mudholkar A. (2011). Megafaunal community structure of Andaman seamounts including the back-arc basin - a quantitative exploration from the Indian Ocean. *PLoS ONE* 6 (1)e16162: 1-15.
76. Sivadas, S., **Ingole, B.S.** & Nanajkar, M. (2011). Temporal variability of macrofauna from a disturbed habitat in Zuari estuary, west coast of India. *Environmental Monitoring & Assessment* 173 (1):65-78.
77. Wafar, M., K. Venkataraman, **B. S. Ingole**, S. Ajmal Khan & P. A. Lokabharathi (2011). State of knowledge of coastal and marine biodiversity of Indian Ocean countries. *PLoS ONE* 6(1)e14613: 1-12.
78. Moodley, L., Nigam, R., **Ingole, B.S.**, Prakash Babu, C., R. Panchang, M. Nanajkar, S. Sivadas, P. van Breugel, L. van Ijzerloo, R. Rutgers, C.H.R. Heip, K. Soetaert, J. Middelburg (2011) Oxygen Minimum Sea Floor Ecological (MAL) Functioning. *J. Exp. Mar. Biol. Ecol.*, 398:91-100.

79. Nanajkar, M., **Ingole B. S.** & Chatterjee, T. (2011). Spatial distribution of the nematodes in the subtidal community of the central west coast of India with emphasis on *Terschellingia longicaudata* (Nematoda: Linhomoeidae). *Italian Journal of Zoology*, **78**: (2):222-230.
80. Singh, R., & **Ingole, B.S.** (2011). Life history of a nematode *Daptonema normandicum* (DeMan, 1890) reared in laboratory. *J. Environmental Biology*, **3** 9:147-152.
81. Sautya, S. K.R Tabachnick & **B.S. Ingole** (2011). A new genus and species of deep-sea glass sponge (Porifera: Hexactinellida: Aulocalycidae) from the Indian Ocean. *Zookeys*, **136**:13-21
82. Clemente, S. & **Ingole B.S.** (2011). Seasonal changes in the biochemical composition of the mangrove clam, *Polymesoda erosa* (Solander 1876) from Chorao Island, Goa, India. *Brazilian J. Oceanograph.*, **59**(2):153-162 .
83. Chih-Lin Wei, Gilbert T. R., E. Escobar-Briones, A. Boetius, T. Soltwedel, M. J. Caley, Y. Soliman, F. Huettmann, F. Qu, Z. Yu, C. R. Pitcher, R. L. H., M.K. Wicksten, M. A. Rex, J. G. Baguley, J. Sharma, R. Danovaro, I.R. MacDonald, C. C. Nunnally, J. W. Deming, P. Montagna, M. Lévesque, J. M. Weslawski, M. Wlodarska-Kowalczyk, **Ingole, B.S.**, B.J. Bett, A. Yool, B. A. Bluhm, K. Iken, B.E. Narayanaswamy (2011). Global Patterns and Predictions of Seafloor 1 Biomass Using Random Forests. *PLoS ONE* **5**(12)e15323, 1-14
84. **Ingole, B.S.**, Sautya S., Sivadas S., Singh R., Nanajkar, M. (2010). Macrofaunal community structure in the Western Indian continental margin including the oxygen minimum zone. *Marine Ecology*, **31**:148-166
85. **Ingole, B.**, R. Singh., S. Sautya, I. Dovgal., T. Chatterjee (2010). Report of Epibiont *Thecacineta calix* (Ciliophora, Suctorea) on deep sea *Desmodora* (Nematoda) from the Andaman Sea, Indian Ocean. **Marine Biodiversity Records**, 3:1-3.
86. **Ingole B.S.** & R. Singh (2010). Biodiversity and Community Structure of Free-living Marine Nematodes from the Larsemann Ice Shelf, East Antarctica. *Current Science*, 99(10):1413-1419.
87. Sautya, S., Tabachnick, K.R. & **Ingole, BS.** (2010). First record of *Hyalascus* (Hexactinellida: Rossellidae) from the Indian Ocean, with description of a new species from a volcanic seamount in the Andaman Sea. *Zootaxa* **2667**:64-68.
88. Nanajkar M & **Ingole, B.S.** (2010). Comparison of tropical nematode community from three harbours, west coast of India. *Cahiers de Biologie Marine*, **51**:9-18.
89. Gooday, A.J., Bett, B.J., Escobar, E., **Ingole, B.S.**, Levin, L.A., Neira, C., Raman, A.V., Sellanes, J. (2010). Habitat heterogeneity and its relationship to biodiversity in oxygen minimum zones. *Mar. Ecol.*, **31**:125-147
90. Nanajkar, M. & **Ingole B.S.** (2010). Impact of sewage disposal on a nematode community of a tropical sandy beach. *J. Environmental Biology* **31**: 819-826.
91. Vanreusel A., Fonseca, G., Danovaro R., da Silva M.C. Esteves A., Ferrero T, Gad G., Galtsova V., Gambi C., Genevois V. , Ingels J., **Ingole B.**, Lampadariou N., Merckx B., Miljutin D.M., Miljutina M. M., Muthumb A., Netto S., Portnova D., Radziejewska T., Raes M., Tchesunov A., Vanaverbek J., Gaeve, V., Venekey V., Bezerr T., Flin H., Copley J., Pap E., Zeppel D., Martine P., Galeron J. (2010). The contribution of deep-sea macrohabitat heterogeneity to global nematode diversity. *Marine Ecology*, **31**: 6-20.
92. Sivadas, S. **B. Ingole** & M. Nanajkar (2010). Benthic polychaetes as indicators of anthropogenic impact. *Indian J. Mar. Sci.* **39** (2): 201-211.
93. **Ingole B, S.**, Sivadas, M. Nanajkar, S. Sautya, & A. Nag (2009). A comparative study of macrobenthic community from three harbours along the central west coast of India. *Env. Mon. & Assess.*, **154**: 135-146.
94. Clemente S. & **B. Ingole**, (2009). Gametogenic development and spawning of the mud clam, *Polymesoda erosa* (Solander 1876) at Chorao Island, Goa *Marine Biology Research*, **5** (2):109-121.
95. Singh, R. **Ingole B.S.**, Nanajkar, M. (2009). The life cycle of the free-living marine nematode *Innocuonema tentabunda* de Man, 1890. *Nematologia Mediterranea* **37**:237-240 .
96. Pavithran, S, **Ingole, B.S.** Nanajkar, M, R. Goltekar. (2009) Importance of sieve size in deep-sea macrobenthic studies. *Marine Biology Research*, **5**:391-398
97. Pavithran, S, **Ingole, B.S.** Nanajkar, M, Raghukumar, C., Nath, B.N., Valsangkar, A.B., (2009). Composition of macrofauna from the Central Indian Ocean Basin" *J. Earth System Sci.*, **118** (6):689-700.
98. Pesic, V., T. Chatterjee, Troch M & **B.S. Ingole** (2009) New Records of marine water mites (Acari: Hydrachnidia: Pontarachnididae) from the Pujada Bay (west Pacific Ocean) and the Andaman Sea (Indian Ocean). *Acta Entomologica Serbica*, **14** (1): 129-132
99. Bayartogtokh, B., T. Chatterjee, B. K. K. Chan & **B. Ingole** (2009). New Species of Marine Littoral Mites (Acari: Oribatida) from Taiwan and India, with a Key to World Species of *Fortuynia* and Notes on their Distribution. *Zoological Studies*, **48** (2): 243-61

100. Dovgal I., T. Chatterjee & **B. Ingole** (2009) New Records of *Thecacineta cothurnioides* and *Trematosoma rotunda* (Ciliophora, Suctorea) as epibionts on nematodes from Indian Ocean. *Protistology – an international Journal*, 6 (1):19-23
101. Khare, N., Chaturvedi S.K. & **Ingole B.S.** (2009) Tsunami induced transportation of the coastal marine sediment to distant onshore regions: some indications from foraminiferal and meiobenthic studies of new Vandoor region (Andaman & Nicobar) *Disaster Advances*, 2(1):7-13.
102. **Ingole, B.S.**, (2008). Characteristics of Macro-benthic Assemblage from sub-littoral sediment off the Lazarev Sea, East Antarctica, *Indian J. Marine Science*, 37 (4):439-445.
103. Dovgal I., T. Chatterjee & **B. Ingole** (2008) An overview of Suctorian ciliates (Ciliophora, Suctorea) as epibionts of halacarid mites (Acari, Halacaridae). *Zootaxa*, 1810:60-68.
104. Bhandare C. & **Ingole B.S.** (2008). First evidence of Tumor-like Anomaly infestation in copepods from the central Indian Ridge. *Indian J. Mar. Sci.* 34 (3):227-232
105. Dovgal I., T. Chatterjee **B. Ingole** & M. Nanajkar (2008) First report of *Limnoricus ponticus* Dovgal and Lozowskiy (Ciliophora, Suctorea) as epibionts on *Pycnophyes* (Kinorhyncha) from Indian Ocean with key to species of the genus *Limnoricus* *CBM-Cahiers de Biologie Marine*, 49 (4): 381-385
106. Sivadas, S., A. Gregory & **B. Ingole** (2008). How vulnerable is Indian coast to oil spills?: Impact of *MV Ocean Seraya* oil spill. *Current Science* 95 (4):504-512.
107. Pesic, V., T. Chatterjee, B. K. K. Chan & B. Ingole (2008). Marine water mites (Acari: Hydrachnidia: Pontarachnidae) from Taiwan, Korea and India with the first description of the *Pontarachna australis* Smit. 2003. *Systematic & Applied Acarology*, 13:70-74
108. **Ingole B.S.** (2007) Biodiversity of benthic polychaetes from the coastal waters of Paradip, Bay of Bengal. *Bionano Frontier* 1 (1): 32-45.
109. Pavithran, S., **Ingole, B.S.** Nanajkar, M., & Nath, B.N. (2007). Macrofaunal diversity in the Central Indian Ocean Basin. *Biodiversity*, 8(3):11-16.
110. Chakraborty, B, V. Mahale, G. Navelkar, B. R. Rao, R. G. Prabhudesai, **B.S. Ingole** & Janakiram. (2007). Acoustic characterization of seafloor habitats in western continental shelf of India. *ICES J. Marine Science*, 64 (2):551-558
111. **Ingole B.**, Sivadas, S., Goltekar, R., Clemente, S., Nanajkar, M., Sawant, R., D'Silva, C., Sarkar, A. & Z. Ansari (2006): Ecotoxicological effect of grounded *MV River Princess* on the intertidal benthic organisms off Goa. *Environment International*, 32 (2):284-291
112. Vardanyan, L.G. & **B. S. Ingole** (2006). Studies on heavy metal accumulation in aquatic macrophytes from Sevan (ARMENIA) & Carambolim (INDIA) Lake Systems. *Environmental International*, 32 (2):208-218
113. Panchang, R, Nigam, R, Linshy, V., Rana, S.S. & **Ingole B.S.** (2006). Effect of Oxygen Manipulation on foraminiferal distribution in sediment columns: A laboratory experiment with Palaeo-environmental implication. *Indian J. Mar. Sci.*, 35(3):235-239
114. **Ingole B.**, Pavithran, S., & Ansari, Z.A. (2005). Restoration of deep-sea macrofauna after simulated benthic disturbance in the Central Indian Basin. *Marine Georesources and Geotechnology*, 23:267-288
115. **Ingole, B. S.**, Goltekar, R. Gonsalves, S., & Ansari, Z.A. (2005): Recovery of Deep-sea Meiofauna after Artificial Disturbance in the Central Indian Basin. *Marine Georesources & Geotechnology*. 23:253-266
116. Lokabharathi, P.L. Nath, B.N., **Ingole B.S.**, Sharma, R. (2005). Impact on surface productivity during sediment dispersal experiment in CIB. *Marine Georesources & Geotechnology*, 23:315-330
117. **Ingole, B.S.**, & J. A., Koslow (2005), Deep-sea Ecosystems of the Indian Ocean. *Indian J. Mar. Sci.*, 34 (1):27-34
118. **Ingole, B.S.** (2003). Macro-benthic Community structure of the Central Indian Ocean with emphasis on the spreading Ridge environment. *Current Science*, 85 (3): 328-333
119. Ansari, Z. A, R.A. Sreepada, S.G. Dalal, **B.S. Ingole** & A. Chatterji (2003). Influence of environmental variables on trawl catches in Bay estuarine system of Goa, west coast of India. *Estuarine Coastal Shelf Science*, 56: 503-515.
120. **Ingole, B.S.**, Nimi Rodrigues and Z. A. Ansari, (2002). Macro-benthic communities of the coastal waters of Dhabol, west coast of India. *Indian J. Marine Science*, 31(2):93-99
121. Ansari, Z. A., **B.S. Ingole**, (2002). Effect of an oil spill from *M.V. Sea Transporter* on intertidal meiofauna at Goa, India. *Marine Pollution Bulletin*, 44: 396-402.
122. Chatterji, A.Z.A. Ansari, **B. S. Ingole**, M.A. Bichurina, Marina Sovetova & Y.A. Boikov, (2002). Indian Marine bivalves: potential source of antiviral drug. *Current Science*, 82(10):1279-1282.
123. **Ingole, B. S.**, Z. A. Ansari, V. Rathod & N. Rodrigues. (2001). Response of Deep-Sea Macro-benthos to a small-scale Environmental Disturbance. *Deep-Sea Research-II* 14 (16):3401-3410.

124. Raghukumar, C., P.A. Lokabharathi, Z. A. Ansari, S. Nair, **B. S. Ingole**, G. Sheelu, C. Mohandass & N. Rodrigues. (2001). Bacterial standing stock, meiofauna and sediment nutrient characteristics: indicators of benthic disturbance in the deep sea. *Deep-sea Research-II* **14** (16):3381–3399.
125. **Ingole, B. S.**, Z. A. Ansari, V. Rathod & N. Rodrigues. (2000). Response of meiofauna to immediate benthic disturbance in the Central Indian Ocean Basin. *Marine Georesources & Geotechnology*, **18** (3):263-272.
126. Khare, N., N. Sinha, R. Nigam, **B. S. Ingole** and D. N. Ghosh, (2000). Preliminary report on the study of Benthic Foraminiferal content in the Marine sediment of Queen Maud Land shelf, Lazarev Sea, Antarctica. *Bulletin of Oil and Natural Gas Cop.*, **37**(2):49-53.
127. **Ingole** & V. K. Dhargalkar. (1998). Ecobiological assessment of a Freshwater lake at Schirmacher Oasis East Antarctica with reference to Human Activities. *Current Science*: **74** (6):529-534.
128. **Ingole, B. S.** & A. H. Parulekar. (1998). Role of Salinity in Structuring the intertidal meiofauna of a tropical estuarine beach: Field Evidence. *Indian J. Marine Science*, **27**:356-361.
129. **Ingole, B. S.**, R. A. Sreepada, Z. A. Ansari & A. H. Parulekar. (1998). Population characteristics of the mole crab *Hippa adactyla* Fara. Along the intertidal beach of Kavarati Island, Lakshadweep. *Bulletin of Marine Science*, **63** (1):11-20.
130. **Ingole, B. S.**, Z. A. Ansari & A. H. Parulekar (1998). Spatial variations in meiofaunal abundance of some coralline beaches of Mauritius. *Tropical Ecology*, **39** (1):103-108.
131. **Ingole, B. S.** (1997). Population characteristics and mass *Macrostomum orthostylum* BRAUN (Macrostomida: Turbellaria). *Journal of Aquaculture in Tropics* **12**: 181-190
132. Tamaki, A., **B. S. Ingole**, K. Ikebe, K. Muramatsu, M. Taka & M. Tanaka. (1997). Life-history of the ghost shrimp, *Callinassa japonica* Ortmann (Decapoda: Thalassinidae), on an intertidal sandflat in western Kyushu, Japan. *J. Exp. Mar. Biol. & Ecol.*, **210**:223-250.
133. **Ingole, B. S.** & A. H. Parulekar. (1995). Biochemical composition of Antarctic zooplankton from the Indian Ocean sector. *Indian J. Mar. Sci.* **24**:73-76.
134. Ansari, Z. A., A. Chatterji., **B. S. Ingole**, R. A. Sreepada, C. U. Rivonkar and A. H. Parulekar (1995). Community structure and seasonal variation of an inshore demersal fish population at Goa, West coast of India. *Estuarine Coast. Self-Science*, **41**: 593-610.
135. **Ingole, B. S.** (1994). Influence of salinity on the reproductive potential of laboratory cultured Harpacticoid copepod *Amphiascoides subdebilis* Willey, 1935. *Zoologischer Anzeiger* (Berlin), **232** (1/2): 31-40.
136. **Ingole, B. S.**, L. Krishna kumari, Z. A. Ansari & A. H. Parulekar (1994). New record of Mangrove clam *Geloina erosa* (Solander 1786) from the west coast of India. *J. Bombay Nat. His. Soc.*, **19**(2):338-339.
137. Chatterji, A. Z. A. Ansari, **B. S. Ingole**, R. A. Sreepada, A. Kanti & A. H. Parulekar, 1994. Effect of lunar periodicity on the abundance of edible crabs along the Goa coast. *Indian J. Marine Science*, **23**:180-181.
138. **Ingole, B. S.** & A. H. Parulekar. (1993). Zooplankton biomass and abundance of Antarctic krill *Euphausia superba* DANA in Indian Ocean sector of the Southern Ocean. *Journal of Biosciences*, **18** (1):141-148.
139. **Ingole, B. S.** & A. H. Parulekar. (1993). Limnology of Freshwater lakes at Schirmacher Oasis, Antarctica. *Proceeding of Indian National Science Academy*, **59** (6):589-599.
140. Tamaki, A. & **B. S. Ingole**. (1993). Distribution of juvenile and adult ghost shrimps, *Callinassa japonica* Ortmann (Thalassinidea), on an intertidal sandflat: Intraspecific facilitation as a possible pattern-generating factor. *Journal of Crustacean Biology*, **13** (1):175-183.
141. **Ingole, B. S.**, Z. A. Ansari & A. H. Parulekar. (1992). Benthic fauna around Mauritius island, southwest Indian Ocean. *Indian J. Mar. Sci.*, **21**:268-273.
142. Tamaki, A., K. Ikebe, K. Muramatsu & **B. S. Ingole**. (1992). Utilization of adult burrows by juveniles in the ghost shrimp *Callinassa japonica* ORTMANN: evidence from resin casts of burrows. *Researches on Crustacean*, **21**:113-120.
143. **Ingole, B. S.** & A. H. Parulekar. (1992). Resource potential and status of pearl oyster fishery in India. *Journal of Marine Archaeology*, **3**:32-36.
144. **Ingole, B. S.** & A. H. Parulekar. (1990). Limnology of Priyadarshani lake, Schirmacher Oasis, Antarctica. *Polar Record*, **26**(156):13-17.
145. **Ingole, B. S.**, Z. A. Ansari & A. H. Parulekar. (1990). Benthic Harpacticoid copepod community of Saphala salt marsh along the West coast of India. *Indian J. Mar. Sci.*, **19**:217-220.
146. **Ingole, B. S.** (1988). Growth, maturation and Survival in laboratory reared Rhabdoceolid turbellarian, *Macrostomum orthostylum* (BRAUN, 1885). *Hydrobiologia*, **169**(2):233-239.
147. **Ingole, B. S.** (1987). Occurrence of resting eggs in *Macrostomum orthostylum* (M. BRAUN) (TURBELLARIA: MACROSTOMIDA). *Zoologischer Anzeiger* (Germany), **219**(1/2):19-24.

148. **Ingole, B. S.** (1987). Benthic fauna of Ungwana Bay, Mombassa (KENYA)- A Preliminary Account. *Pakistan J. Scientific & Industrial Research* **30**(2):128-131.
149. **Ingole, B. S.**, Z. A. Ansari & A. H. Parulekar. (1987). Meiobenthos of Saphala Salt Marsh, West Coast of India. *Indian J. Marine Science*, **16**:110-113.
150. Parulekar, A. H., Z. A. Ansari & **B. S. Ingole** (1986). Effect of mining on the clam fisheries and bottom fauna of Goa estuaries. *Proc. Indian. Acad. Sci.*, **95** (3):325-339.
151. Ansari, Z. A., **B. S. Ingole** & A. H. Parulekar. (1986). Effect of high organic enrichment on benthic Polychaete population. *Marine Pollution Bulletin*, **17**:361-365.
152. Ansari, Z. A., **B. S. Ingole** & A.H.Parulekar (1986). Spatial and temporal changes in benthic macrofauna from two estuaries of Goa, India. *Indian J. Marine Science*, **15**:223-229.
153. **Ingole, B. S.** (1985). Observations on regeneration in *Macrostomum orthostylum* (M. Braun,1885) (Turbellaria:Macrostomida). *Indian J. of Animal Reproduction*, **6**(1):73-78.
154. Chatterji, A., Z. A. Ansari, **B. S. Ingole** & A.H.Parulekar (1985). Length-weight relationship of Giant Oyster, *Crassostrea graphoides* (Schlothein). *Mahasagar-Bull.Natl.Inst.Oceanogr.* **18**(4):521-524.
155. Chatterji, A., Z. A. Ansari, **Ingole, B. S.**, & A. H. Parulekar. (1984). Growth of the mussel *Perna viridis* (L) in a continuous seawater circulating system. *Aquaculture*, **40**(1):47-55.
156. **Ingole, B. S.**, S.G. P. Mathondkar & A.H. Parulekar. (1984). Studies on Antarctic Krill: I- Length weight relationship in adult, *Euphausia superba* DANA 1850. *Current Science*, **53**(11):584-585.
157. Ansari, Z. A., **B. S. Ingole** & A. H. Parulekar. (1984). Macrofauna and meiofauna of two sandy beaches at Mombassa (Kenya). *Indian J. Marine Science*, **13**:187-189.
158. Parulekar, A. H., S. A. Nair, S. N. Harkantra, Z. A. Ansari, A. Chatterji & **B. S. Ingole** (1984). Ecology and culturing of edible Bivalves in Goa. *Indian J. Marine Science*, **13**:190-192.
159. Chatterji, A., **B. S. Ingole** & A. H. Parulekar. (1983). Seawater circulating system in an aquaculture laboratory. *Mahasagar Bull. Nat.Inst. Oceanogr.*, **16** (1):81-86.
160. Ansari, Z. A. & **B. S. Ingole** (1983). Meiofauna of some sandy beaches of Andaman Islands. *Indian J. Marine Science*, **12**(4): 245-246.
161. Chatterji, A., **B. S. Ingole** & A. H. Parulekar. (1982). Effectiveness of formaldehyde in *Caligus* infection on laboratory reared gray mullet *Mugil cephalus* L. *Indian J. Marine Science*, **11**(4):344-346.

b: Papers in NON-SCI Journals

1. **Ingole B.S. & Sreepada R.A.** (2010). Impact of jellyfish explosions on the public health and Tourism. *Enviroscan*, Vol.2 (2):7-10 (December 2010).
2. **Ingole B.S.** (2009). Some findings of an Expedition to Unravel the Details of Tsunami. *Enviroscan*, Vol.2 (1):9-10 (June 2009).
3. **Ingole B.S.** & Shivdas, S. (2007). The Slippery Coastline, *Voice Greenglobe*. A Greenwood's Media Pub, October, issue, 32-37 pp.
4. **Ingole B.S.** & Clemente S (2008). Review on the zooplankton studies along the west coast of India. *Enviroscan*, Vol.1 (1):8-12 (June 2008).
5. Sreepada R.A., U. Suryavanshi & **B.S. Ingole** (2007). Acute response of water based drilling fluids on the PL larvae of *Panaeus monodon*. *J. Ecophysiology Occupational Health*, **7**: 171-180.
6. Parulekar, A. H, V. K. Dhargalkar, X. N. Verlencar, **B. S. Ingole**, & R. A. Sreepada. (1993). Biomass measurements and standing stock estimates for austral summer of 1990-91 & 1991-92 in northern sector of the Southern Ocean. *Biomass News Letter* **14**:4-6.

c: Papers in Books/ Proceedings

7. Surya Prakash L., S. O. Fernandes, **B.S. Ingole** & J. Kurian (2020). Bio-Geochemical characteristics of hydrothermal systems in Indian Ocean.
8. Mote S.G, K. De, A. Hussain, C.H. L. Schönberg, T. Samaai & B. S. Ingole. (2017) *Cliona* aff. *viridis* as a possible Bioindicator on a Tropical Coral Reef experiencing multiple sources of stress (*Proc. 10th World sponge conference, Ireland 2017*)

9. Ingole, B.S. (2010). Seamount Studies in the Indian Ocean: a review of fishery and Benthic Biodiversity, Proc. Workshop on Seamounts Ecology, Spl. Pub. of International Seabed Authority (UN), Jamaica, - pp.
10. Menot, L., Sibuet, M., Carney, R.S., Levin, L.A., Rowe, G.T., Billett, D.S.M., Poore, G., Kitazato, H., Vanreusel, A., Galéron, J., Lavrado, H.P., Sellanes, J., **Ingole, B.** & Krylova, E.M. (2010). New Perceptions of Continental Margin Biodiversity. In: *Life in the World's Oceans* (A. D. McIntyre ed). Wiley-Blackwell Pub.ltd.,79-101 pp.
11. Malik, A., Gonsalves, M.J.B.D., Kiran, K., Varik, S., Ritu Kumari, Gauns, M., Cejoice, R.P., Pandey, S., Jineesh, V.K., Vijayan, V., Subramanyan, S., Nair, S., **Ingole, B.S.**, LokaBharathi, P.A. (2011). Are there any differences in the topology of interactions between biotic and abiotic variables in upwelling and non-upwelling regions? Proc. Jan 2011. CMLRE Kochi
12. Mascrenhas, A. & **Ingole, B.S.**, (2009). Miramar (Goa) Beach Management Project: An Oceanographic Evaluation of Lessons Learnt. In: *Coastal Environments: Problems and Perspectives* (eds. by Jayappa K.S. & Narayanan A.C.), I.K. International Publishing House Pvt. Ltd, New Delhi, pp 212-225.
13. Subba Rao, D.V., **Ingole B.S.**, Tang D., Satyanarayana, B., Zhao, H., (2007). Tsunamis and Marine Life, Chapter 31, in: *The Indian Ocean Tsunami* (Eds. Tad S. Murty, U. Aswathnarayana & N. Nirupama), Taylor and Francis, London, 373-391pp.
14. **Ingole B.S.**, & S. Clemente (2006), Status of Windowpane oyster *Placuna placenta* (Linnaeus) population in Goa, in: *Glimpses of Marine Archaeology in India*, (eds by A. S. Gaur & K. H. Vora), Society for Marine Archaeology, pub. 130-133pp.
15. **Ingole B.S.**, Pavithran, S. & Goltekar, R. (2005). Benthic communities associated with ferromanganese nodules from the Central Indian Ocean, *Proc. National Seminar on Polymetallic Nodules*, publication of RRL, Bhubaneswar, pp. 32-37.
16. Pavithran, S. & **B. S. Ingole** (2005). Macrobenthic standing stock in the nodule areas of Central Indian Ocean Basin. *Proc. Nat. Sem. on Polymetallic Nodules*, pub. RRL, Bhubaneswar, pp. 26-31.
17. Sivadas, S.; Sautye, S.; Nanajkar, M.; **Ingole, B.S.** (2005). Potential impact of sand mining on macrobenthic community at Kalbadevi Beach, Ratnagiri, West coast of India, Natl. Sem. on Development Planning of Coastal Placer Minerals (PLACER - 2005); Manonmanium Sundaranar University, Tirunelveli; India; 26-27 Oct 2005). Allied pub., New Delhi; India; 2005; pp.264-270.
18. Sreepada, R. A. Kulkarni, S., Suryawanshi U., **Ingole B.S.**, Drensgstig A., & Braaten, B (2006). Water quality management in shrimp aquaculture ponds using remote water quality logging system. In: Sustain Fish B.M.Kurup & K. Ravindran (eds), Cochin University of Sci. & Tech., pp. 172-180.
19. **Ingole, B.S.** (2007). Benthic Characteristics of the deep Indian Ocean in: Proc. Work. On "Polymetallic Sulfide & Cobalt-Rich Ferromanganese Crusts deposits: Establishment of environmental baseline & an associated monitoring programme during exploration, Spl.Pub.ofInternational Seabed Authority (UN), Jamaica, 340-355 pp.
20. Nanajkar M & **Ingole, B.S.**(2007). Nematode species diversity as indicator of stressed benthic environment along the central west coast of India. In: Diversity & Life Processes from ocean and Land (eds) by P.V. Desai & R. Roy, pp.42-52.
21. **Ingole, B.S.** (2007). Importance of Environmental impact Assessment and monitoring studies in Industrial development. In: *Environmental Challenges and Natural Disasters*, (ed.) Md. Babar, New India Publishing Agency, New Delhi, pp1-9.
22. Ansari Z.A., Sivadas, S & Ingole B.S. (2007). Benthic macrofauna, In: The Madovi & Zuary estuaries (ed. By S.R. Shetye, M. Dileep Kumar & D. Shankar), pub. NIO Goa, pp.
23. Ingole, B.S. (2005). Ecology of Indian Coast, in: *Encyclopedia of Earth Science Series edited by Maurice L. Schwartz*, Kluwer Academic Publishers, pp.546-554.
24. **Ingole, B.S.**, (2004). Coastal Benthic Ecology of Goa in: Know Our Shore: Goa, ed. By A. G. Untawale, WWF-Goa Publ. pp. 83-95.
25. **Ingole, B.S.**, & Goltekar, R.(2004). Subtidal Micro-and meiobenthic community structure in the Gulf of Kachchh. In Proc. *MBR 2004, Nat. Sem. New Frontiers in Mar. Bioscience Res.*, pp.395-419.
26. Nath, B.N., **B.S. Ingole**, S. Jayakumar & R. Sharma, R. (2004). Coastal Ecosystem and environmental aspects of Placer Mining, in: Proc. *Sustainable Development of Coastal Placer Minerals* ed.by V.J. Loveson and D.D. Misra, pp.259-269.

27. **Ingole, B. S.** (2003). Benthic life on the tropical sandy shore: Miramar beach a case study. in: *Recent Advances in Environment Science*, K.G. Hiremath (ed.), Discovery Publishing House, New Delhi, pp. 459-470.
28. Sharma, R., Nath, B.N., Valsangkar, A.B., Khadge, N.H., Partibhan, G., Sankar, S.J., Ansari, Z.A., **Ingole, B.S.**, Raghukumar, C., Lokabharati, P A., Mathondkar, S.G.P., Babu, V.R., Murty, V.S.N., Babu, M.T., Sardar, A. (2003). Monitoring effects of simulated disturbance at INDEX site: Current status and future activities. , Proceeding of the Fifth *Ocean Mining Symposium* held at Tsukuba, Japan 15-19 September 2003, pp.208-215.
29. Ansari, Z.A., **B.S. Ingole** & R. Furtado(2003).Response of benthic fauna to different pollutants: some case studies and relevance of benthos to Environmental impact Assessment. in: *Recent Advances in Environment Science*, K.G. Hiremath (ed.), Discovery Publishing House, New Delhi, pp. 422-428.
30. **Ingole, B. S.**, S. Naik, R. Furtado, Z. A. Ansari & Anil Chatterji (2002). Population characteristics of the mangrove clam *Polymesoda erosa* in the Chorao mangroves Goa. *Proc. National Conference on Coastal Agriculture held at ICAR Complex Old Goa, 6-7 April 2002, 211-112 pp.*
31. **Ingole, B.S.**,(2002). Increased macrobenthic density and diversity: indicator of recovery of Chilika Lake from environmental degradation.*Proc. National Seminar on Creeks, Estuaries and Mangroves – Pollution & Conservation*, pp. 213-215.
32. **Ingole, B. S.**, Z. A. Ansari, and S. G. P. Mathondkar & N. Rodrigues. (1999). Immediate Response of Meio and Macrobenthos to disturbance caused by a benthic disturber, proceeding of *III ISOPE - Ocean Mining Symposium* held at NIO, Goa 8-10 November 1999, 191-197 pp.
33. **Ingole, B. S.** (1996). Coastal Aquaculture: Prospects and Problems In:*Voices for The Ocean; A Report to the Independent World Commission on the Ocean*, R. Rajagopalan (ed.), International Ocean Institute pub., pp.131-132.
34. **Ingole, B. S. & V. K. Dhargalkar**(1996). Comparative Account of benthic community at two different locations in the continental Antarctica.*Twelfth Indian Expedition to Antarctic Scientific Report, Dept. of Ocean Development*. Tech. Pub.**10**:195-206.
35. **Ingole, B. S.** (1997). Macrobenthic Assemblage of the Lazarev Sea, Queen Maud Land, East Antarctica. *Proceeding of the Symposium on Antarctica - A achievements* (D.O.D., New Delhi, July 1997) pp.135-146.
36. Ansari, Z. A., **B. S. Ingole**, & A. H. Parulekar (1996). Benthos of the EEZ of India. In: *India's Exclusive Economic Zone*, S. Z. Qasim & G.S. Roonwal (eds.) Omega Scientific Publishers, New Delhi,1996, pp.74-86.
37. Ansari, Z. A.,**B. S. Ingole**, & A. H. Parulekar (1995). Reassessment of bottom communities of estuarine complex of Goa in relation to anthropogenic changes. *Man and Environment*, Proceeding of the X Annual Congress of NESO, NIO, Goa, 8-10 March 1995, pp.29-32.
38. Ansari, Z. A. &**B. S. Ingole** (1995). Over exploitation and misuse of marine living resources and banned fishing practices. In: Proc. Workshop *BIODIVERSITY IN THE WESTERN GHATS*.
39. **Ingole, B. S.**, Z. A. Ansari & R. A. Sreepada. (1994). Aquaculture Practices and the Coastal Marine Environment.*Proc. Seminar on Ocean & Industry- RealitiesandExpectations*, October 25-26,1994, NIO, Goa, pp. 93-99.
40. Parulekar, A. H., **B. S. Ingole**, S. N. Harkantra & Z. A. Ansari, (1992). Deep-Sea benthos of the Western and Central Indian Ocean. In:*Oceanography of the Indian Ocean*, B. N. Desai (edited), Oxford and IBH, New Delhi, pp.261-267.
41. **Ingole, B. S.** A. Chatterji, Z. A. Ansari & A. H. Parulekar (1989). Saltmarshes for Aquaculture. In:*Coastal Zone Management in India*.S. N. Diwedi, Pradeep Chaturwedi (edited), pp.99-111.
42. Parulekar, A. H., Z. A. Ansari, **B. S. Ingole**, A. Chatterji & R. A. Sreepada. (1989). Biological impact of mining on the coastal zone of Goa. In:*Coastal Zone Management in India*, S. N. Diwedi, Pradeep Chaturwedi (ed.), pp.150-159.
43. Verlencar, X. N., **B. S. Ingole**& A. H. Parulekar. (1990). Characteristics of the freshwater lakes at Schirmacher Oasis, Antarctica. In: *Proc. Workshop on AntarcticStudies*.S. N.Diwedi, B.S. Mathur & K. Hanjura (edited), pp.144-149,
44. **Ingole. B. S.** & A. H. Parulekar. (1987). Microfauna of Freshwater habitat at Schirmacher Oasis, Antarctica:1. Water-Moss communities. *Scientific Report Fourth Indian Expedition to Antarctica. Tech. pub. 4*:139-148.

45. **Ingole, B. S.**, X. N. Verlenkar & A. H. Parulekar (1987). Microfauna of Priyadarshani Lake, Schirmacher Oasis, Antarctica. *Scientific Report Fourth Indian Expedition to Antarctica*, Tech. pub. **4**:149-154.

d: Popular Science articles

1. **Ingole B.S.** (2014). Fishery Resource of Goa- May have to regret tomorrow if not conserve today, Gomantak-A daily Marathi Newpaper of Goa , special annual issue , 24 March 2014
2. Ranjithkumar; Pandey, G.; **Ingole, B.S.** (2013). A study of phytochemicals in the photosynthetic sea slug *Elysia bangtawensis*, *Sagarbodh*, 5; 2012; 37-39.
3. Pawar, H.B.; Sanaye, S.V.; Sreepada, R.A.; **Ingole, B.S.**; Jaiswal, S.; Suryavanshi, U.; Pawar, A.P.; Parab, P.P (2013). Overfishing a critical problem - Study in the context of the state of Goa, *Sagarbodh*, 5; 2012; 31-33.
4. **Ingole, B.S.**; Sivadas, S.K.; Suryavanshi, U (2012). Nautilius - An interesting living fossil. *Sagarbodh*, 4; 2012; 4-9.
5. *Srivastav, R.*; Haris, K.; Saran, A.K.; Chakraborty, B.; **Ingole, B.S.** (2012) Understanding benthic faunal distribution using acoustic backscatter. *Sagarbodh*, 4; 2012; 10-11.
6. **Ingole, B.S.**, Suryawanshi U & R.A Sreepada (2009). Stingray – Amazing Marine Organism (in Hindi) *Sagar Sukati- II* pp. 38-42.
7. **Ingole, B.S.**, Sanitha Sivadas (2009). The Shelled Marauders- Nautiloids: its present status *Sagar Bodh*
8. **Ingole, B.S.** (2003). Deep-sea benthic biodiversity of the Central Indian Ocean. *Sagar Bodh* (in Hindi), pp.47-50.
9. Ansari, Z.A. Gaidhane, D.N. & **B.S. Ingole**, (2003). Management of Coastal Fishery in Goa, *Sagar Bodh* pp.41-46.
10. **Ingole, B. S.** (2002). MiramarBeach is no more habitats for exotic species. *The Navahind Times*, Vol. XXXIX, No.354, dt. 13 February 2002, pp.1 &14 .
11. **Ingole, B. S.** (2000). *Mysteries Animals from the Deep-Sea Environment* Vidhyan Vaidh (in Marathi), a publication of Marathi Vidhyan Parishad, Goa Division, pp.22-30.
12. **Ingole, B. S.**, U. Singh & Z.A. Ansari (2000). Industrialization of Coastal Zone, *Gomant Darpan* Vol.2:44-48.
13. Ansari, Z. A., **Ingole, B. S.** & Umesh Singh (1999). Oil pollution and the marine communities, *Sagar Sukati* , pp. 81-87.
14. **Ingole, B. S.** & Z.A. Ansari (1999). Use of Benthic communities in the marine pollution studies. *Sagar Sukati*, pp. 71-80.
15. Chatterji, A., Z. A. Ansari & **B.S. Ingole**. (1999). *Anti Viral Drugs from Marine Mussels*, The Hindu, Science Technology, dated 21 January 1999.
16. **Ingole, B. S.** & U. Singh. (1997). Effect of Industrialization on Coastal Ecology (in Hindi.) pp
17. Chatterji, A., Z.A. Ansari & **B.S. Ingole** (1997). Cage Culture in coastal waters of Goa, (in Hindi)
18. Ingole, B. S. & A. H. Parulekar Industrialization and development- are they Contemporary? (in Hindi, September, 1997).
19. **Ingole, B. S.** (1997). Ecobiology of Antarctic Freshwater Lake (Priyadarshani), at Schirmacher Oasis with reference to Human Activities (in Hindi).
20. **Ingole, B. S.** & Z.A. Ansari (1995). Use of benthic communities in the Assessment of Environmental Pollution (in Hindi). November, 1995.
21. **Ingole, B. S.** (1989). Sanshodhakanna Ek Avan: Antarctica (Marathi) *Daily Lokamat Times*, Aurangabad, 11th February, 1989.
22. **Ingole, B. S.** (1989). Kharput Bhagatil Masemari (Marathi) *Srushti-Dnyan*, April, 1994, pp. 111.
23. **Ingole, B.S.** & Sini Pavitran (2004). Impact of deep-sea mining on the megafauna from the CIOB area in the "National Hindi Seminar" NIO Goa, Nov. 2004.

Patents filed:

1. **An improved process for the treatment of black liquor waste from paper mills using marine sponge.** By PP Moghe, VV Panchanadikar (NCL) and AG Untawale, VK Dhargalkar, **BS Ingole (NIO)**. CSIR Patent Reg. No. 1085 del 99 dt.10 Aug.1999.

1. **An improved process for the treatment of spent wash from distillery wastes using marine sponge.** By PP Moghe, VV Panchanadikar (NCL) and AG Untawale, VK Dhargalkar, **BS Ingole (NIO)**. CSIR Patent Reg. NO. 1086 del. 99 dt.10 Aug.1999.
2. **An improved process for the preparation of Pharmacological active Mussel Hydrolysate from marine bivalve (*Perna virides*).**By Anil Chatterji, Z. A. Ansari and **BS Ingole**. CSIR Patent Reg. No. NF 159/00 dt.30 March 2000.
4. **An improved process for the preparation of pharmacologically active antiviral extract from marine bivalves.** By Anil Chatterji, Z. A. Ansari and **B.S. Ingole (US Patents)**.

Database generation and maintenance:

1. Chavan, V, **Ingole, B. S.**, B.F. Chhapgar, D. Chandramohan, Reddy, N.R., Kavalekar, D. **(1998). *Marine Crabs of India***-a CD-ROM developed at NIO. Version 1.0, ISSN 0971-9466, NIO's Data Base on Marine Life of India (NIODMLI), Module 2, (March, 1998).