

“MARINE BIOLOGY RESEARCH SYMPOSIUM”

MBRS 2021

LIST OF ABSTRACTS

SESSION 1: Taxonomy, Biodiversity and Conservation (Code: TBC)

OR: ORAL; PO: POSTER

CODE NO.	NUMBER OF AUTHORS	CORRESPONDING /PRESENTING AUTHOR EMAIL	TITLE
TBC - 101-OR	A. Shivakrishna, K. V. Akhilesh, A. Pavan-kumar, C. Anulekshmi, K. K. Ramteke, B. B. Nayak and Z. J. Abidi	avadootha.frmpa804@cife.edu.in	Length-weight relationship of seven Tetraodontiform fishes from the northwest coast of India.
TBC - 102-OR	Maheta N. P. and Vachhrajani K. D.	niketa.m-zoophd@msubaroda.ac.in	Diversity and distribution of brachyuran crabs on Intertidal mudflats of the Gulf of Khambhat, Gujarat, India.
TBC - 103-OR	Sivaleela G	sivaleelazsil@gmail.com	Diversity and distribution of Marine Sponges of Lakshadweep.
TBC - 104-OR	Anthonipillai Arockia Mary and Thangavelu Balasubramanian	anthonipillai.mary@gmail.com	Distribution of Clupeiformes fishes, southeast coast of India.
TBC - 105-OR	Shivakumar Haragi, Kaustubh Warde and Sreekanth GB	shivakumarhb@kud.ac.in	Study on the catch composition and discards of indigenous shore seine at Karwar, Karnataka, West coast of India.
TBC - 106-OR	Paramasivam Kodeeswaran, T. T. Ajith Kumar and Kuldeep Kumar Lal	kodyvenkat1995@gmail.com	High volume and low value: A post-pandemic assessment of fish landings at Kalamukku fishing harbour, Kochi, Kerala, India.
TBC - 107-OR	Krupal J. Patel, Pooja R. Patel and Jigneshkumar N. Trivedi	krupal.p-zoophd@msubaroda.ac.in	Gastropod Shell Utilization Pattern of <i>Clibanarius ransoni</i> Forest, 1953 in the rocky intertidal zone of Saurashtra coast, Gujarat state, India.
TBC - 108-OR	Hitisha Baroliya and Rahul Kundu	hitishabaroliya14@gmail.com	Intertidal brittle star (Echinodermata: Ophiuroidea) from the south Saurashtra coast, Gujarat, India.
TBC -	P. Purushothaman, A.	purushothgene@gmail.com	New occurrence of <i>Metapenaeopsis gaillardi</i>

“MARINE BIOLOGY RESEARCH SYMPOSIUM”
MBRS 2021

109-OR	Dhinakaran, T. T. Ajith Kumar and Kuldeep Kumar Lal	ail.com	Crosnier, 1991 from Lakshadweep waters, India with morphological notes on <i>Metapenaeopsis commensalis</i> Borradaile, 1899 (Decapoda: Penaeidae).
TBC - 110-OR	Abdulla-Al-Asif, Sayali Nerurkar, Abu Hena Mustafa Kamal, Hadi Hamli, Amir Hossain, Subrata Mondal, Mohd Hanafi Idris, Geoffery James Gerusu and Johan Ismai	jessoreboyhemel@gmail.com	Do Bangladeshi Bivalvia require intensive conservation efforts?
TBC - 111-PO	Mithila Bhat, Chandrashekher Rivonker and Jigneshkumar Trivedi	bhat.mithi@gmail.com	An annotated checklist of marine brachyuran crabs (Crustacea, Decapoda, Brachyura) from Goa, West Coast of India with ten new records.
TBC - 112-PO	Murugesan SriHari, Ulaganathan Arisekar, Robinson Jeyashakila, Annam Pavan-Kumar, Shashi Bushan, Binaya Bhushan Nayak, Zeba Jaffer Abidi	sriharimurugesan94@gmail.com	Otolith chemical fingerprints reveal the stock structure of greater lizardfish, <i>Saurida tumbil</i> , along the Eastern Arabian Sea.
TBC - 113-PO	Jasmine Anand and T. T. Ajith Kumar	ja7210@gmail.com	Study on the Diversity of Goatfishes (Family: Mullidae) from the Southern Coast of India
TBC - 114-PO	Gaurang Gajjar, Krupal Patel and Jigneshkumar Trivedi	gaurangsuthar73g@gmail.com	On chimney building activity of brachyuran crab <i>Dotilla blanfordi</i> Alcock, 1900 inhabiting mudflat habitat of Gulf of Khambhat, Gujarat.
TBC - 115-PO	Swapnil Gosavi, Barkha Purohit, Santanu Mitra, Krupal Patel, Kauresh Vachhrajani, and Jignesh Trivedi	swapnil.gosavi4@gmail.com	Annotated checklist of marine decapods (Crustacea: Decapoda) of Gujarat state with three new records.
TBC - 116-PO	Heris Patel, Krupal Patel and Jigneshkumar Trivedi	herys981015@gmail.com	Study of colour variation in intertidal crab <i>Leptodius exaratus</i> (H. Milne Edwards, 1834) inhabiting rocky shores of Saurashtra coast, Gujarat, India.

“MARINE BIOLOGY RESEARCH SYMPOSIUM”

MBRS 2021

117-OR	Pramod Kumar Bindhani and Kakoli Banerjee	banerjee.kakoli@yahoo.com	Decadal change in marine fish landing and fish composition in Odisha coast of India
C - 118-OR	Sivaranjani .S, Kannan K, Kumar R, Madhuri K, Divya D and Kannapiran E	sivathanush1703@gmail.com	Taxonomic and Distribution Status of <i>Sphyraena chrysotaenia</i> Klunzinger, 1884 (Perciformes: Sphyraenidae) from the South East Coast of India

SESSION 2: Blue Carbon and Coastal Ecosystems (Code: BCCE)

CODE NO.	NUMBER OF AUTHORS	CORRESPONDING /PRESENTING AUTHOR EMAIL	TITLE
BCCE - 201-OR	Lince Moncey Maliackal, Arsha Panicker, Megha K.O, Nada Nazveen, and Nivya Mariam Paul	lincemonceymaliacka198@gmail.com	Role of coastal blue carbon in climate change mitigation and ecosystem restoration- A review.
BCCE - 202-OR	G. Babu Rao and S. Babu	rao.3in@gmail.com	Prey density and sediment characteristics determine the fine-scale habitat selection of shorebirds in the west coast of India.
BCCE - 203-PO	Rupa Varma, Riddhi Vagh, Anand Verma,Rathod Hitanshi, Chaudhari Prakruti and Sandhya Chak	rupavarma1908@gmail.com	Climate change is a global threat to the coral reef ecosystem.
BCCE - 204-PO	Shrutika R, Akshata Naik and Shivakumar Haragi	shruraut98@gmail.com	Study on the phytoplankton assemblages of the estuarine ecosystem along the Karnataka Coast, West coast of India.

SESSION 3: Marine Pollution and Climate Change (Code: MPCC)

CODE NO.	NUMBER OF AUTHORS	CORRESPONDING /PRESENTING AUTHOR EMAIL	TITLE
MPCC - 301-OR	Atshaya.S. and Sowmiya.C	atshayasundar@gmail.com	Major Threats Disrupting the Magnificent Marine Environment.

“MARINE BIOLOGY RESEARCH SYMPOSIUM”

MBRS 2021

MPCC - 302-OR	Mayur Fulmali, A. Saravanakumar, and S. Kumaraesan	drfulmalimayur1998@gmail.com	Customisation of bioturbatory structure, and spatiotemporal burrow density variations by Porcelain fiddler crab (<i>Austruca annulipes</i>) in polluted and unpolluted habitats of Vellar estuary, India.
MPCC - 303-OR	Jonathan Samuel Emmett and K. Diraviya Raj	jonathanemmett93@gmail.com	Non-target fishing threatens the survival of benthic organisms in the Gulf of Mannar, India.
MPCC - 304-OR	Abdulla-Al-Asif, Hadi Hamli, Abu Hena Mustafa Kamal, Mohd Hanafi Idris, Geoffery James Gerusu, Johan Ismail and Sayali Nerurkar	jessoreboyhemel@gmail.com	The possible pathway of water-borne species invasion in Malaysia: Where danger overthrows beauty.
MPCC - 305-OR	K. Agasthiya, M. Srinivasan, T. Jebarani Rajathy, and U. Sangamesh	jebaranirajathy@gmail.com	Occurrence of Microplastic in the gut of mullet (<i>Mugil cephalus</i>) from Parangipettai coast, Cuddalore.
MPCC - 306-PO	B. Pavithra, A. Mullaivendhan	paviyogi1607@gmail.com	Important Pollution Impacts in The Marine and Coastal Zone Which Cause Climate Changes.
MPCC - 307-OR	Dona Shaji, Jesnath K. Y., Keziah Eldho, Pooja M. V., Nivya Mariam Paul	donashaji000@gmail.com	A review on the impact of COVID-19 pandemic on macroplastic pollution in aquatic ecosystems.
MPCC – 308-OR	Vinuganesh, A, S. Prakash, Amit Kumar	amit.kumar.szn@gmail.com	Seasonal variation in the <i>Chaetomorpha antennina</i> associated fauna from rocky intertidal zone of Covelong, Chennai

SESSION 4: Marine Molecular Ecology and Bioprospecting (Code: MMEB)

CODE NO.	NUMBER OF AUTHORS	CORRESPONDING /PRESENTING AUTHOR EMAIL	TITLE
MMEB - 401-OR	K. Abarna and V. Rani	abarnalatha111@gmail.com	Bioprospecting of marine microalgae as an alternative source for sustainable PUFA

“MARINE BIOLOGY RESEARCH SYMPOSIUM”

MBRS 2021

			production.
MMEB - 402-OR	Shreedevi Hakkimane* , Renuka Yadav, Shivakumar Haragi and J.L.Rathod.	shreedevi2185@gmail.com	Enumeration of the foodborne pathogens from highly preferred seafood at Karwar, Karnataka, West coast of India.
MMEB - 403-OR	Ashika Akthar, Aiswarya Sasi, Aleesha Antony, Aneeta Joy, and Nayomi John	ashikaakther002@gmail.com	Nutraceuticals from Marine Microorganisms.
MMEB - 404-OR	Farzana Sheleel, Agnes.K.J , Anuja Joy , Vidya Mohanan, and Elza John	farzanasheleel40@gmail.com	Bacterial Quorum Sensing and Bioluminescence in the Marine environment.
MMEB - 405-OR	Farsana K B, Amritha V, Sreelakshmi I L, Ariya, and Nayomi John	sanasharu0108@gmail.com	Biological Potential of Chitinolytic Marine Bacteria.
MMEB - 406-OR	M. Nagarajan and Vandana R. Prabhu	nagarajan@cukerala.ac.in	Genetic characterization of wild zebra fish populations using mtDNA marker.
MMEB - 407-OR	Jayaprada Rao Chunduri and Prarthana Singh	Jayapradachunduri@gmail.com	Molecular identification of gut microbiome of selected cephalopod species off Mumbai coast.
MMEB - 408-OR	Divya Merin Jose and Divya P. R	divyamerinjose@gmail.com	Panmictic stock structure of Milkfish (<i>Chanos chanos</i> , Forsskål 1775) from Indian waters determined using mtDNA marker.
MMEB - 409-PO	Rashmi Thakor, Harsh Mistry, and Himanshu S. Bariya	rashmithakor94@gmail.com	Biodegradation and Decolorization of an Azo Dye-congo Red using Fungal Consortium Rh-2
MMEB - 410-PO	S. Sundhar, Robinson Jeya Shakila, Geevaretnam Jeyasekaran, and R. Shalini	sundhar.fqm16@gmail.com	Assessment of HCH, endosulfan and DDT levels in widely available red seaweed <i>Gelidiella</i> of Gulf of Mannar, Tamil Nadu.

SESSION 5: Coastal and Ornamental Aquaculture (Code: COA)

CODE NO.	NUMBER OF AUTHORS	CORRESPONDING /PRESENTING	TITLE
----------	-------------------	---------------------------	-------

“MARINE BIOLOGY RESEARCH SYMPOSIUM”
MBRS 2021

		AUTHOR EMAIL	
COA - 501-OR	S. Bharathi, T. T. Ajith Kumar and Kuldeep Kumar Lal	sbharathicas@gmail.com	Documentation on spawning and embryonic development in ornamental shrimp, <i>Urocaridella arabianensis</i> in captivity.
COA - 502-OR	Manu Madhavan, T. T. Ajith Kumar and Kuldeep Kumar Lal	manumadhavan060@gmail.com	Attempt on captive breeding of Peppermint shrimp, <i>Lysmata hochi</i> Baeza & Anker, 2008 under optimized conditions.
COA - 503-OR	Sheena Jose, T. T. Ajith Kumar and Kuldeep Kumar Lal	sheenajose28@gmail.com	Sexual changes in marine ornamental shrimp, <i>Thor hainanensis</i> Xu & Li, 2014, observations in captivity.
COA - 504-OR	N.B.Dhayanithi, T. T. Ajith Kumar and Kuldeep Kumar Lal	microdhaya@gmail.com	Amyloodiniosis outbreak in captive bred clownfish juveniles and development of treatment protocols.
COA - 505-OR	S. Akash, T. T. Ajith Kumar and Kuldeep Kumar Lal	akash03jack@gmail.com	Optimization of captive propagation model using recirculation aquaculture system for ornamental shrimps.
COA - 506-PO	Mayur Tade, Mayank Soni, Chandrabhushan Nishad, Hayin Tamut	mayur.tade@gmail.com	Adoption of modern aquaculture techniques towards accomplishment of Sustainable Development Goals (SDGs).
COA - 507-PO	Mihir J Nakhwa, A. Kathirvelpandian, T.T.Ajith Kumar and Kuldeep Kumar Lal	mihirnakhwa@gmail.com	Enrichment of <i>Artemia</i> nauplii with selenium and its effect on the growth of <i>Amphiprion percula</i> juveniles.
COA - 508-PO	OmdevSinhVala, T. T. Ajith Kumar and Kuldeep Kumar Lal	om.vala96@gmail.com	Effect of dietary taurine supplement on the growth and survival rate of orange clownfish larvae.
COA - 509-PO	G. Rajaprabhu, R. Kirubakaran, C. Sureshkumar, J. Santhanakumar, M. K. Rasheeda, R. Sendhil Kumar and G. Dharani	rajaprabhu@niot.res.in	Wild caught milkfish (<i>Chanos chanos</i>) culture in floating sea cages at Olaikuda, Pamban Island, India.