


Curriculum vitae

Name	:	Dr. Mridula Rajesh			
Residence	:	“BHUVAN” No. 4-207/21 Koppalakadu, Yeyyadi, Mangalore- 575008			
Designation	:	Associate Professor, Department of Fisheries Resources and Management College of Fisheries, Mangalore - 575002			
Tel	:	+91 824 2249256 (O) +91 824-3560667 (R) +91 9448627179 (M)			
E-mail	:	mridularajesh789@yahoo.co.in			
Qualification	:	(graduation onwards)			
Qualification		Marks secured	Class	Specialization	Name of the University/Board
Ph. D.		-	-	Bio-Sciences	Mangalore University, Mangalore
M. F. Sc.		8.97%	1 st class	Fish Production and Management	University of Agricultural Sciences, Bangalore
B. F. Sc.		8.71%	1 st class	Fisheries Science	University of Agricultural Sciences, Bangalore
Experience					
Professional	:	<ul style="list-style-type: none"> ✚ Worked as Junior Research Fellow in DANIDA Project entitled “Monitoring of coastal waters of Dakshina Kannada” from January 1997 – March 1999. ✚ Worked as Senior Research Fellow in ICAR Ad – hoc Scheme entitled “Use of locally available substrates for increasing production from smaller water bodies through heterotrophic food chain” from 1-2-2000 to 31-1-2003. ✚ Worked as Senior Research Fellow in ICAR Ad – hoc Scheme entitled “Evaluation of disease resistance of stunted carp fingerlings” from 1-2-2003 to 30-11-2003. 			
Administrative/ Corporate	:	<ul style="list-style-type: none"> ✚ Worked as Assistant Director of Fisheries (Grade 2) in the Department of Fisheries, Govt. of Karnataka, in Mysore taluk, Mysore district from 11-3-2005 to 27-12-2006. ✚ Worked as Assistant Professor in the College of Fisheries, Mangalore from 28-12-2006 to 27-12-2018. ✚ Served as warden, girl’s hostel, College of Fisheries, Mangalore since 5-12-2007 till 16-11-2013. ✚ Presently working as Associate Professor in the College of Fisheries, Mangalore from 28-12-2018 to till date. 			

Projects handled		:			
Ongoing					
Sl. No.	Title	Amount Lakhs (Rs)	Funding Agency	Duration	
1.	Sustaining livelihood security in rural women of Dakshina Kannada - Integrated Livestock and Fisheries Production	45,64,335.00	DST, New Delhi	4 yrs	
Completed					
Sl. No.	Title	Amount Lakhs (Rs)	Funding Agency	Duration	
1.	Reproductive biology of commercially important mullets of Dakshina Kannada coast	10,000.00	KVAFSU, Bidar	1 year	
2.	Impact of anthropological wastes on ecological and microbiological parameters of Netravathi-Gurupur estuary.	80,000.00	KVAFSU, Bidar	1 year	
3.	Ecological Monitoring of Arabian sea receiving effluents from MCF ltd.	8,12,263.00	M C F Ltd. Mangalore	2011 onwards	
4.	Monitoring of Pollution Impact due to Discharge of Treated Effluents from BASF Ltd.	8,04,420.00	BASF Ltd. Mangalore	2011 onwards	
5.	Coastal water quality monitoring off Padubidri near the proposed UPCL Ltd. effluent discharge point	12,87,692.00	UPCL Ltd., Udupi	2011 onwards	
6.	Treated effluent analysis and monitoring of seawater quality off Chitrapur near the marine outfall of effluent from MRPL-ONGC, Mangalore.	9,48,064.00	MRPL- ONGC	2011 onwards	
Awards					
National		:	<p>“Eminent Scientist of the Year 2011” from National Environmental Science Academy, New Delhi.</p> <p>Received the “Certificate of Merit” for mobilizing extra mural research grants during the 6th Convocation of KVAFSU, Bidar on</p>		

	24 th August 2013.
	Received the “ Certificate of Merit ” for mobilizing extra mural research grant during the University Foundation Day Celebration held at KVAFSU, Bidar on 17 th January, 2016.
	Received an award from Mogaveera Helpline for the achievements in education among the mogaveera community on 1-3-2020.

Teaching Activities:

UG/PG	Year & Class	Course No	Course title	Independently or Jointly with
Academic year: 2007-08				
Biology of fish	I B. F. Sc.	FRM 202	2+1	Independently
Inland Fishery Resources	I B. F. Sc.	FRM 103	1+1	Independently
Academic year: 2008-09				
Biology of fish	II B. F. Sc.	FRM 202	2+1	Independently
Biology of finfish and shellfish	I B. F. Sc.	FRM 104	2+1	Independently
Academic year: 2010-11				
Biology of finfish and shellfish	I B. F. Sc.	FRM 104	2+1	Independently
Biological Principles of Fisheries Management	IV B. F. Sc.	FRM 401	1+1	Independently
Taxonomy of Shell fish	I B. F. Sc.	FRM 102	1+1	Independently
Physiology of finfish and shellfish	II B. F. Sc.	FRM 202	2+1	Independently
Academic year: 2011-12				
Aquatic Microbiology	Jr. M. F. Sc.	AEM, 511	2+1	Independently
Developmental Biology of Finfish and Shellfish	Jr. M. F. Sc.	FRM, 510	2+1	Independently
Conservation and Management of Exploited Fisheries Resources	I Ph. D	FRM, 603	2+1	Independently
Academic year: 2012-13				
Aquatic Pollution and Coastal zone Management	III B. F. Sc.	AEM, 302	2+1	Independently
Developmental Biology of Finfish and Shellfish	Sr. M. F. Sc.	FRM, 510	2+1	Independently
Aquatic Pollution and Waste Water Management	Jr. M. F. Sc.	AEM, 504	2+1	Independently
Assessment of Aquatic Biodiversity	1 Ph. D.	FRM, 601	2+1	Independently
Conservation and Management of Exploited Fisheries Resources	1 Ph. D.	FRM, 603	2+1	Independently
Academic year: 2013-14				
Aquatic Pollution and Coastal zone Management	III B. F. Sc.	AEM, 302	2+1	Independently

Aquatic Microbiology	Jr. M. F. Sc.	AEM, 511	2+1	Independently
Aquatic Pollution and Waste Water Management	Jr. M. F. Sc.	AEM, 504	2+1	Independently
Academic year: 2014-15				
Aquatic Pollution and Coastal zone Management	III B. F. Sc.	AEM, 302	2+1	Independently
Aquatic Pollution and Waste Water Management	Jr. M. F. Sc.	AEM, 504	2+1	Independently
Academic year: 2016-17				
Physiology of Finfish and Shellfish	II B. F. Sc.	FRM, 202	2+1	Independently
Feeding and Reproductive Biology of Finfish and Shellfish	Jr. M. F. Sc.	FRM, 509	2+1	Jointly
Conservation and Management of Exploited Fisheries Resources	I Ph. D.	FRM, 603	2+1	Independently
Academic year: 2017-18				
Physiology of Finfish and Shellfish	II B. F. Sc.	FRM, 202	2+1	Independently
Feeding and Reproductive Biology of Finfish and Shellfish	Jr. M. F. Sc.	FRM, 509	2+1	Independently
Tropical Fish Stock Assessment	Jr. M. F. Sc.	FRM, 504	2+1	Jointly
Academic year: 2018-19				
Fisheries Extension Education	III B. F. Sc.	FEE 301	1+1	Independently
Fisheries Extension and Communication Skills	II B. F. Sc.	FEC 201	1+1	Jointly
Physiology of Finfish and Shellfish	II B. F. Sc.	FRM, 202	2+1	Independently
Feeding and Reproductive Biology of Finfish and Shellfish	Jr. M. F. Sc.	FRM, 509	2+1	Independently
Marine Fisheries Resource Management	Jr. M. F. Sc.	FRM, 502	2+1	Independently
Tropical Fish Stock Assessment	Jr. M. F. Sc.	FRM, 504	2+1	Jointly
Academic year: 2019-20				
Taxonomy of Shell fish	I B. F. Sc.	FRM 102	1+1	Independently
Marine Fisheries	III B. F. Sc.	FRM 301	2+1	Jointly
Physiology of Finfish and Shellfish	II B. F. Sc.	FRM, 202	2+1	Jointly
Marine Ecosystems, Biodiversity and Conservation	Jr. M. F. Sc.	FRM, 503	2+1	Jointly
Feeding and Reproductive Biology of Finfish and Shellfish	Jr. M. F. Sc.	FRM, 509	2+1	Jointly

Marine Fisheries Resource Management	Jr. M. F. Sc.	FRM, 502	2+1	Independently
Tropical Fish Stock Assessment	Jr. M. F. Sc.	FRM, 504	2+1	Jointly
Conservation and Management of Exploited Fisheries Resources	I Ph. D	FRM, 603	2+1	Jointly
Academic year: 2020-21				
Taxonomy of Shellfish	I B. F. Sc.	FRM, 102	1+1	Independently
Marine Fisheries	III B. F. Sc.	FRM, 301	2+1	Jointly
Feeding and Reproductive Biology of Finfish and Shellfish	Jr. M. F. Sc.	FRM, 509	2+1	Independently
Marine Fisheries Resource Management	Jr. M. F. Sc.	FRM, 502	2+1	Independently
Conservation and Management of Exploited Fisheries Resources	I Ph. D	FRM, 603	2+1	Independently
Academic year: 2021-22				
Marine Fisheries	III B. F. Sc.	FRM, 301	2+1	Independently
Taxonomy of Shellfish	I B. F. Sc.	FRM, 102	1+1	Independently
Students guidance				
M. F. Sc.	:	10		
Ph. D.	:	-		
Membership in Professional Associations				
☞ Professional Fisheries Graduates Forum, Mumbai				
☞ National Environmental Science Academy, New Delhi				
☞ Institution of Agricultural Technologists (Regd.), Bangalore				
☞ Asian Fisheries Society Indian Branch, Mangalore				
Workshops/Refresher course/ Winter school/ Seminars/ Training courses/ Conferences attended				
National	:	26		
☞ Attended the training programme on “Population dynamics of marine fishes” held at College of Fisheries, Mangalore from 22.10.1998 to 4.11.1998				
☞ Undergone a “Common Foundation Course for the probationers” at Administrative Training Institute, Mysore, Karnataka from 27.06.2005 to 20.08.2005				
☞ Attended the winter school on “Recent advances in freshwater aquaculture nutrition” conducted by Central Institute of Fresh water Aquaculture, Bhubaneswar, Orissa from 28.11.2007 to 18-12-2007				
☞ Participated in the one day national seminar on “Biodiversity Regime Emerging challenges and opportunities” organized by Central Marine Fisheries Research Institute, Bolar, Mangalore on 22-05-2008				

- ☞ Attended the training programme on **“e-content Management”** organized by National Academy of Agricultural Research Management, Hyderabad from 29-05-2009 to 4-6-2009.
- ☞ Attended the training programme on **“Capacity building to enhance the Competitiveness of Indian Fisheries”** organized by National Federation of Fishermen’s Cooperatives Ltd., New Delhi from 2-2-2011 to 4-2-2011.
- ☞ Participated in the National Stakeholders’ **Consultation on Climate Change Platform** at Central Research Institute for Dryland Agriculture, Hyderabad from 19-9-2011 to 20-9-2011.
- ☞ Attended the training programme on **“Developing Winning Research Proposals in Agricultural Research”** at National Academy of Agricultural Research Management (NAARM), Hyderabad during 13-12-2011 to 17-12-2011.
- ☞ Attended National Conference on **“Recent innovations, opportunities and Challenges in Science and Technology”** organized by Academy of Karnataka Science and Technology and Mangalore University, from January 28-29, 2012.
- ☞ Attended National Seminar on **“Coastal Environments and their Management”** organized by Mangalore University from January 22-23, 2013.
- ☞ Attended the winter school on **“Reclamation of Saline and Alkaline Soils through Aquaculture”** organized by College of Fisheries, Mangalore from 6-26 November, 2013.
- ☞ Participated in the Workshop on **“Capture Based Aquaculture Practices”** at Mangalore Research Centre of CMFRI, Mangalore from 2-4th December 2013.
- ☞ Participated in the Workshop on **“Impact of Aggregation Devices on Cuttlefish Fishery”** at Mangalore Research Centre of CMFRI, Mangalore from 5-7 December 2013.
- ☞ Participated in the PFGF Workshop on **“Strategies for bridging yield gap for fisheries and aquaculture”** organized by College of Fisheries, Mangalore from 24-25, March 2014.
- ☞ Participated in the **“10th Indian Fisheries and Aquaculture Forum”** at National Bureau of Fish Genetic Resources, Lucknow during 12-15, November 2014.
- ☞ Participated in the training programme on **“Gender budgeting for mainstreaming women in agriculture”** National Institute of Agricultural extension Management, Hyderabad from 26-31, October 2015.
- ☞ Participated in **“Fostering Innovations in Fisheries and Aquaculture-Focus on**

Sustainability and Safety- The 11th Indian Fisheries and Aquaculture Forum” during 21-24, November 2017 organized by Asian Fisheries Society, Indian Branch (AFSIB) and ICAR-Central Institute of Fisheries Technology (ICAR-CIFT).

- ☞ Attended the **“Master Trainers”** on 28-5-2018 to 30-5-2018 organized by Agriculture Skill Council of India (ASCI).
- ☞ Participated in the training programme on **“Management of Marine Fisheries”** on 21-12-2017 organized by Department of Fisheries, Govt of Karnataka and NFDB, Hyderabad.
- ☞ Attended the training programme on **“General Administration, Accounts and KCSR regulations and other issues”** from 25-2-2019 to 26-2-2019 at College of Fisheries, Mangalore.
- ☞ Participated in **“Coastal Processes, Planning and Engineering”** on 12-6-2019 to 13-6-2019 organized by Public Works, Ports and Inland Water Transport Department, GOK.
- ☞ Participated in the one day brainstorming workshop on **“Refinement of Marine Fisheries Management in Karnataka State”** on 3-1-2020 organized by NETFISH, MPEDA.
- ☞ Attended the 21 days winter school on **“Precision Fish Farming: Automation Principles and Technological Solutions for Sustainable Aquaculture Production and Productivity”** during 26-11-2019 to 16-12-2019 organized by ICAR- Central Institute of Fisheries Education, Mumbai.
- ☞ Participated in the international webinar on **“Current advances in Epigenetics and Vaccine Development in Aquaculture”** on 9-8-2020 organized by College of Fisheries, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana, Punjab.
- ☞ Attended the 21 days winter school on **“Data Analytics in Fisheries”** during 10-08-2020 to 03-09-2020 organized by Dr MGR Fisheries College and Research Institute, Thalainayeru, Nagapattinam.
- ☞ Participated in **“Fish for Nutritional Security and Economic Sustainability- The 12th Indian Fisheries and Aquaculture Forum”** during 5-7, May 2022 organized by Asian Fisheries Society, Indian Branch (AFSIB) and Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam , Tamil Nadu.

International

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- ☞ Participated in the International Conference on **“Mangroves for Coastal Area Management”** at M. S. Swaminathan Research Foundation, Chennai from 7-8-2011 to 10-8-2011.

- ☞ Participated in the International Conference on “**Bioremediation and Environmental Management and Polar Science and Technology**” at Presidency College, Kempapura, Hebbal, Bangalore during 28-12-2011 to 29-12-2011.
- ☞ Participated in the International Conference on “**Global Symposium on Aquatic Resources for Eradicating Hunger and Malnutrition- Opportunities and Challenges**” at Mangalore organized by Asian Fisheries Society Indian Branch from 3-6th Dec 2012.
- ☞ Participated in the 5th International Symposium on “**Cage aquaculture in Asia (CAA 5)**” from 25-28, November, 2015 organized by Central Marine Fisheries Research Institute (CMFRI), Cochin.
- ☞ Participated in the “**ASEAN Fisheries and Aquaculture Conference and Exposition 2016 and 11th Asian Fisheries and Aquaculture Forum**” during 3-7 August, 2016 organized by Asian Fisheries Society at Bangkok, Thailand.
- ☞ Participated in the “**Fisheries Sustainability: Strengthening the Science –Policy Nexus**” during 18-21 November, 2019 organized by Food and Agriculture Organization (FAO), Rome, Italy.

Workshops/ Refresher course/ Winter school /Seminars/ Training courses/ Conferences/ Awareness programme conducted

National

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As Coordinator

- ☞ National Level Short Course on Integrated Coastal Zone Management (May 29-June 03, 2013) at College of Fisheries, Mangalore funded by SICOM, MOEF, New Delhi
- ☞ National Level Refresher Course on Integrated Coastal Zone Management (October 28 - 31, 2013) at College of Fisheries, Mangalore funded by SICOM, MOEF, New Delhi
- ☞ Awareness programme on World Water day- 2015 on 10-4-2015 at Bengre, Mangalore funded by College of Fisheries, Mangalore
- ☞ Training programme on Farming and rearing of goat for rural livelihood at College of Fisheries, Mangalore on 30-9-2015
- ☞ Training programme on Ornamental Fish Production and Marketing for rural livelihood at College of Fisheries, Mangalore on 08-10-2015
- ☞ Training programme on Farming and rearing of pigs for rural livelihood at Pig Breeding Centre, Koyla, Puttur Taluk, Dakshina Kannada on 16-10-2015
- ☞ Training programme on Backyard rearing of poultry for rural livelihood at College of

Fisheries, Mangalore on 04-11-2015

- ☞ Training programme on Integrated Farming Systems at Taluk Panchayath meeting Hall, Belthangady on 16-11-2015
- ☞ Awareness programme on International Women's Day "SAAGARKANYA 2017" at College of Fisheries, Mangalore on 30-03-2017
- ☞ Awareness programme on International Women's Day "SAAGARKANYA 2018" at College of Fisheries, Mangalore on 15-03-2018

As Associate Coordinator

- ☞ Workshop on Responsible Fisheries at College of Fisheries, Mangalore on 25-11-2016
- ☞ Workshop on Responsible Fisheries at College of Fisheries, Mangalore on 21-03-2018
- ☞ Workshop on An Eco-friendly plastination technology for preserving animal tissues and organs at College of Fisheries, Mangalore on 29-09-2018
- ☞ Training programme on Aquaclinics and Aquapreneurship Development Programme at College of Fisheries, Mangalore on 21-01-2019
- ☞ Guest lecture series on Fisheries Resources Management at College of Fisheries, Mangalore on 28-01-2019 to 29-01-2019.

Participation in Exhibition/ Krishi melas/ Field days

- ☞ Participated in the National level Mathsyamela – 2016 during 29-01-2016 to 31-01-2016 organized by KVAFSU, Bidar, Department of Fisheries, Govt. of Karnataka, NFDB, Hyderabad and KFDC, Mangaluru.
- ☞ Participated in the Exhibition on Prime Minister's Fasal Bhima Yojana Scheme on 13-04-2016 at ICAR-KVK, Mangaluru
- ☞ Participated in the Udupi Mathsyamela – 2017 on 05-03-2017 organized by Department of Fisheries, Govt. of Karnataka
- ☞ Attended the Sankalp Se Siddhi Programme on 19-08-2017 at ICAR-KVK, Mangaluru
- ☞ Participated in the Matsyosthava and Kshrethosthava on 21-7-2019 at Dr Shivarama Karantha Pilikula Nisargadhama, Pilicula
- ☞ Participated in the "Krishimela-2019" organized by Zonal Agricultural & Horticultural Research Station, Brahmavara from 19 -20 October, 2019

Extension and Consultancy

- ◆ Conducted a class both theory and practical on “**Techniques in Fishery Biology**” for BCA-Feral students of USA on 12-2-2008
- ◆ Conducted a class both theory and practical on “**Techniques in Fishery Biology**” for BCA-Feral students of USA on 6-2-2009
- ◆ Offered a class on “**Monitoring of coastal waters**” to Ms. Mallika Beach Mehrotra from California Polytechnic State University, USA who came to the College of Fisheries during 02 July to 06 August, 2012 for her internship on “Marine Biodiversity Conservation and Management” on 6-7-2012.
- ◆ Visited Baikampady area to inspect the coastal erosion and impact of pollution on fisheries on 30-5-2013 as a part of short course training of Integrated Coastal Zone Management.
- ◆ Visited Kotepura and Ullala Beach to inspect the coastal erosion and discharges of Fish meal oil waste into the sea and Nethravathi estuary. Also visited Yermal, Padubidri to inspect the coastal erosion and accretion on the beach on 30-10-2013 as a part of refresher course training of Integrated Coastal Zone Management.
- ◆ Delivered a talk on “**ಮೀನುಗಾರಿಕೆ ಮತ್ತು ಮೊಗವೀರ ಸಂಸ್ಕೃತಿ**” on 06-03-2018 at Government First Grade College, Haleyangadi
- ◆ Delivered a talk on “**ಜವಾಬ್ದಾರಿಯುತ ಮೀನುಗಾರಿಕೆ ಮತ್ತು ನಿರ್ವಹಣೆ**” on 30-11-2018 at ಮೀನುಗಾರ ರೈತರು ಮತ್ತು ಮಹಿಳೆಯರಿಗಾಗಿ ಮೂಡುಬಿದಿರೆಯ ವಾಲ್ಮಡಿ ಗ್ರಾಮ.
- ◆ Delivered a talk on “**Livelihood improvement through aquaculture and animal husbandry emphasizing women**” on 25-01-2019 for the trainees of Aquaculture and Aquapreneurship Development Programme.
- ◆ Took Special coaching classes for JRF/ARS aspirants of IV B. F. Sc., M. F. Sc and Ph. D students of the College of Fisheries, Mangalore on 17-2-2020 and 18-2-2020.
- ◆ Delivered a talk on “**The Role and Responsibilities of Fishing Organizations in Safeguarding the Human Rights at Sea**” to the Law students of Eco club and Human Rights Cell of SDM college, Mangalore on 28-01-2021.

Radio talks given

Sl. No.	Title	Recording date	Broad casting date
1.	Alternative income generating activities to the Fishermen during monsoon season	07-08-2009	12-09-2009
2.	Integrated Fish Farming	30-08-2011	7-9-2011
3.	Inland Fish Culture	4-6-2012	28-6-2012

4.	Fish Seed Production	15-5-2013	23-5-2013
5.	Fishery Management	25-9-2017	9-10-2017
6.	Fisheries and Mogaveera culture	21-8-2018	6-9-2018
7.	Effect of COVID 19 on the fisheries and livelihood of fishermen	15-10-2020	18-10-2020

Publications

International Referred Journals

1. Rajesh, K. M., G. Gowda, **M. R. Mendon** and T. R. C. Gupta, 2001. Primary production of benthic microalgae in the tropical semi enclosed brackishwater pond, south-west coast of India. *Asian Fisheries Science*, **14** (4): 357-365.
2. **Mridula R. Mendon**, R. J. Katti, K. M. Rajesh and T. R. C. Gupta, 2002. Distribution and abundance of copepods and copepodites in the Arabian Sea off Mangalore receiving treated industrial effluents. *Pollution Research*, **21** (1): 45-49.
3. **Mridula R. M.** and K. M. Rajesh, 2002. Ecology of phytoplankton in the coastal waters of Mangalore, west coast of India. *Bangladesh Journal of Fisheries*, **6** (2): 165-172.
4. **Mridula R. M.**, J. K. Manissery, P. Keshavanath, K. M. Shankar, M. C. Nandeesh and K. M. Rajesh, 2003. Water quality, biofilm production and growth of fringe-lipped carp, *Labeo fimbriatus* in tanks provided with two substrates. *Bioresource Technology*, **87** (3): 263-267.
5. Manjappa, H., G. Gowda, K. M. Rajesh, and **R. M. Mridula**, 2003. Impact of environmental parameters on the abundance of polychaete in the brackishwater impoundment of Nethravathi estuary, South – West coast of India. *Asian Journal of Microbiology, Biotechnology and Environmental Sciences*, **5** (1): 55-62.
6. Manjappa, H., G. Gowda, K. M. Rajesh, and **R. M. Mridula**, 2003. Macrobenthos in the brackishwater impoundment along Nethravathi estuary, Karnataka (South – West coast of India). *Ecology, Environment and Conservation*, **9** (1): 45-49.
7. **Ramanath M. Mridula**, Joseph K Manissery, Perar Keshavanath, Kalkuli M Shankar, Mudnakudu C. Nandeesh and Kothanahally M Rajesh, 2005. Effect of paddy straw and sugarcane bagasse on water quality, bacterial biofilm production and growth and survival of rohu, *Labeo rohita* (Hamilton). *Aquaculture Research*, **36**:635-642.
8. **Mridula R. M.**, R. J. Katti and K. M. Rajesh, 2007. Zooplankton biomass and composition in the Arabian Sea off Mangalore, South – West coast of India. *Ecology, Environment and Conservation*, **13** (3): 623-628.
9. G. Gowda, K.M. Rajesh and **R.M. Mridula**, 2008. Abundance and vertical distribution of macrobenthos in a mangrove – fringed brackish water pond in Mangalore, India. *The Ecoscan*, **2** (2):181-186.

10. **R.M. Mridula**, K.M. Rajesh, R.J. Katti and G. Gowda, 2009. Phytoplankton Abundance and variability in polluted waters off Mangalore, South-West coast of India. *Pollution Research*, **28** (1):77-82.
11. **R.M. Mridula**, K.M. Rajesh, R.J. Katti and G. Gowda, 2009. Zooplankton variability in polluted and unpolluted waters off Mangalore, South-West coast of India. *Pollution Research*, **28** (1):83-87.
12. G. Gowda, K. M. Rajesh and **R. M. Mridula**, 2009. Vertical distribution of polychaetes in brackishwater pond of Nethravathi estuary, India. *Journal of Environmental Biology*, **30** (6):1025-1029.
13. **Mridula Rajesh**, H. R. V. Reddy, V. Moorthy and N. Chethan, 2013. Hydrobiological investigations along Padubidri coast, South-West coasts of India with special reference to Zooplankton. *The Ecoscan*, **7** (1&2): 61-66.
14. Muttappa, K., H.R.V. Reddy, **Mridula Rajesh** and A. Padmanabha, 2014. Quinalphos induced alteration in respiratory rate and food consumption of freshwater fish *Cyprinus carpio*. *Journal of Environmental Biology*, **35** (2): 395-398.
15. **Mridula Rajesh**, K. M. Rajesh and H. R. V. Reddy, 2014. Assessment of microbial population in relation with hydrographical characteristics in Netravati and Gurupur estuaries off Mangalore, south-west coast of India. *The Ecoscan*, **8** (3&4): 253-256.
16. Padmanabha, A., H.R.V. Reddy, **Mridula Rajesh**, Avinash Bhat and Muttappa Khavi, A. 2015. Antioxidant enzyme activities in gills of freshwater fish, *Cyprinus carpio* (L.) as biomarkers of exposure to organophosphorous pesticide. *Pollution Research*, **34** (3): 553-560.
17. Chandrashekar Kademane, **Mridula Rajesh**, K. M. Rajesh and K. Vandana, 2018. Studies on heterotrophic bacteria and total coliforms in relation with environmental parameters of water and sediment in Gurupur estuary, off Mangaluru, Karnataka. *Pollution Research*, **37** (4): 989-995.
18. **Mridula Rajesh**, V. Moorthy and H. R. Reddy, 2018. Phytoplankton abundance and variability in the inshore waters of Mangaluru, South-west coast of India. *Environment and Ecology*, **36** (4): 1034-1040.
19. **Mridula Rajesh**, V. Moorthy and H. R. Reddy, 2018. Macrobenthic composition and diversity in the inshore waters of Mangaluru, South-west coast of India. *Environment and Ecology*, **36** (4): 1091-1095.
20. **Mridula Rajesh**, V. Moorthy and H. R. V. Reddy, 2018. Distribution and abundance of Zooplankton along Chitrapur, South-west coast of India. *Asian Journal of Environmental Science*, **13** (1&2): 17-22.

21. Assana, K., **Mridula Rajesh**, K. M. Rajesh and T. A. Shaik, 2020. Length-weight relationship, feeding traits and nutritional value of mahi mahi (*Coryphaena hippurus*) in the south-eastern Arabian Sea. *Journal of Environmental Biology*, **41** (4): 776-781. DOI: <http://doi.org/10.22438/jeb/41/4/MRN-1278>
22. Suyani, N.K., **R. Mridula**, K.M. Rajesh, M.M. Meshram and K. Vandana, 2021. Morphometry, length-weight relationship and relative condition factor of red-toothed trigger fish, *Odonus niger*. *Journal of Environmental Biology*, **42** (4): 1026-1032.
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2. **Mridula Rajesh**, H. R. V. Reddy, K. M. Rajesh, K. S. Venkatesh Moorthy and A. Padmanabha 2012. Distribution and abundance of phytoplankton, zooplankton and

macrobenthos in the Nethravathi and Gurupur estuary, Mangalore. During the Global Symposium on Aquatic Resources for Eradicating Hunger and Malnutrition- Opportunities and Challenges”.

3. **Mridula Rajesh**, H. R. V. Reddy and A. Padmanabha 2014. Seasonal abundance and composition of phytoplankton in relation to hydrographical parameters off Padubidri, south west coast of India. During the tenth Indian Fisheries and Aquaculture Forum, November.

Oral Presentation

1. **Mridula Rajesh**, H. R. V. Reddy and A. Padmanabha 2014. Seasonal abundance and composition of phytoplankton in relation to hydrographical parameters off Padubidri, south west coast of India. During the tenth Indian Fisheries and Aquaculture Forum, November.
2. Chandrashekar Kademane, **Mridula Rajesh**, K. M. Rajesh and K. Vandana 2017 Assessment of heterotrophic bacteria and total coliforms in relation with physico-chemical parameters in Gurupur estuary, South-West coast of India. During the 11th IFAF at Cochin during 21-24 November, 2017.
3. Ahamed Rasheeq, A and **Mridula Rajesh**, 2020. Isolation and mass culture of marine microalgae (*Chlorella vulgaris* and *Spirulina platensis*) used as a bio-fertilizer in onion cultivation – a field trial at the National Conference on “Espials of Biomolecules” (NCEB- 2020) on 26th February, 2020 held at Coimbatore.

Leaflets

1. Rajesh, D. P., H. N. Anjanayappa, **Mridula Rajesh**, Nayana, P. and S. M. Shivaprakash, 2019. ಜವಾಬ್ದಾರಿಯುತ ಮೀನುಗಾರಿಕೆ.
2. Rajesh, D. P., H. N. Anjanayappa, Suyani Nitin Kanji and Mridula **Rajesh**, 2019. Fish for good health.