

## **RESUME OF Dr. MRIDULA**

Name : Dr. Mridula Rajesh  
Designation : Professor and Head  
Date of Birth : 29.01.1975  
Institution : College of Fisheries  
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### **Academic and professional profile (Degree onwards)**

S. No.	Degree Name	Name of the Institution	Rank & Year	Specialization	Remarks
1.	<b>B.F.Sc.</b>	University of Agricultural Sciences, Bangalore	First Class with distinction (1996)	Fisheries Science	-
2.	<b>M.F. Sc.</b>	University of Agricultural Sciences, Bangalore	First Class with distinction (1999)	Fish Production & Management	-
3.	<b>Ph.D</b>	Mangalore University, Mangalore	2004	Bio-Sciences	-

### **Thesis Titles**

#### **M. F. Sc.**

Distribution of net plankton in relation to the selected hydrographic parameters in the Arabian Sea off Chitrapur receiving industrial effluents from the Department of Fisheries Environment and Ecology, College of Fisheries, Mangalore, University of Agricultural Sciences, Bangalore.

#### **Ph.D**

Studies on biofilm production, nutritive value and its utilization by different cultivable species of fishes and freshwater prawn from the Department of Biosciences, Mangalore University, Mangalore.

### **Area of specialization**

Management of Fisheries Resources, Aquatic Environment and Management, Aquaculture

## Experience:

1. Worked as Junior Research Fellow in DANIDA Project entitled “Monitoring of coastal waters of Dakshina Kannada” from January 1997 – March 1999.
2. 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.
3. 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.
4. Worked as Assistant Director of Fisheries (Grade 2) (Rs. 5575-10620) in the Department of Fisheries, Govt. of Karnataka, in Mysore taluk, Mysore district from 11-3-2005 to 27-12-2006.
5. Worked as Assistant Professor (Rs. 15600-39100 + AGP 6000, 7000, 8000) in the College of Fisheries, Mangalore from 28-12-2006 to 26-12-2018.
6. Worked as Associate Professor (Rs. 37400-67000 + AGP 9000) in the College of Fisheries, Mangalore from 28-12-2018 to 26-12-2021
7. Working as Professor (Rs. 144200-218200 + AGP 10000) in the College of Fisheries, Mangalore from 28-12-2021 to till date.
8. Working as Professor and Head (Rs. 144200-218200 + AGP 10000) in the College of Fisheries, Mangalore from 24-06-2024 to till date.

## Teaching

### Undergraduate and Postgraduate Courses

Sl. No.	Title of the Course	Degree
1.	Taxonomy of Commercially important Finfish and Shellfish	B.F.Sc
2.	Physiology of finfish and shellfish	B.F.Sc
3.	Marine Fisheries	B.F.Sc
4.	Climate change and fisheries resource	M.F.Sc
5.	Sustainable Fisheries Management	M.F.Sc
6.	Reproductive Biology of Finfish and Shellfish	M.F.Sc
7.	Fisheries resource conservation and restoration	Ph.D

### Undergraduate and Postgraduate Courses taught

Sl. No.	Title of the Course	Degree
1.	Taxonomy of Shellfish	BFSc
2.	Biology of fish	BFSc
3.	Biology of finfish and shellfish	BFSc
4.	Inland Fishery Resources	BFSc
5.	Biological Principles of Fisheries Management	BFSc
6.	Fisheries Extension Education	BFSc

7.	Fisheries Extension and Communication skills	BFSc
8.	Aquatic Pollution and Coastal zone Management	BFSc
9.	Developmental Biology of Finfish and Shellfish	MFSc
10.	Feeding and Reproductive Biology of Finfish and Shellfish	MFSc
11.	Marine Fisheries Resources Management	MFSc
12.	Aquatic Pollution and Waste Water Management	MFSc
13.	Aquatic Microbiology	MFSc
14.	Assessment of Aquatic Biodiversity	PhD

### Ph.D and M.FSc students guided

Sl. No.	Name of the student	Degree & Year of completion	Title of the Thesis	Guide/Co-guide
1.	MuttappaKhavi	M.F.Sc 2011	Physiological disturbances in common carp ( <i>Cyprinus carpio</i> ) as an indicator of pollution stress	Co-guide
2.	Padmanabha A.	M.F.Sc 2012	Oxidative stress responses in common carp ( <i>Cyprinus carpio</i> ) exposed to organophosphorous pesticide	Co-guide
3.	K. Madhavi	Ph. D. 2014	Nutrient and phytoplankton dynamics along the riverine, estuarine and coastal transects off Mangalore, Southwest coast of India	Co-guide
4.	Nagendra Babu R. S	Ph. D. 2014	Ecological assessment of the Hebbal lake- Bengaluru	Co-guide
5.	Sruthisree S.	Ph. D. 2015	Haematological and histological changes in iridescent shark, <i>Pangasius hypophthalmus</i> (Sauvage, 1878) exposed to heavy metal lead and cadmium	Co-guide
6.	Sabita Sonowal	M.F.Sc 2015	Effect of dietary supplementation of organic selenium on growth, survival and immune response of Indian major carp, <i>Catla catla</i>	Co-guide
7.	Chandrashekar Kademane	M.F.Sc 2015	Assessment of Heterotrophic bacteria in water and sediment along the Gurupura estuary off Mangalore	Guide
8.	Srinivasa K. H.	M.F.Sc 2016	Development and characterization of rabbit antiserum against acute hepatopancreatic necrosis disease (AHPND)	Co-guide

9.	Bhavanjali M. R.	M.F.Sc 2018	Trophic interaction in commercially exploited demersal finfishes with emphasis on ontogenetic diet shifts	Guide
10.	Assna Kausar	M.F.Sc 2018	Studies on the fishery and biology of dolphin fish, <i>Coryphaenahippurus</i> along Mangaluru and Malpe coast, Karnataka	Guide
11.	Shivani D. Gowda	M.F.Sc 2019	Evaluation of immunological components from the skin of rohu ( <i>Labeorohita</i> )	Co-guide
12.	Suyani Nitin Kanji	M.F.Sc 2021	Studies on some biological aspects and body composition of commercially non-conventional fish, red-toothed triggerfish <i>Odonus niger</i> (ruppell, 1836) along Mangalore coast	Guide
13.	Meshram Monti madan	M.F.Sc 2021	Studies on the fishery and biology of <i>Sphyrna obtusata</i> , obtuse barracuda along Mangaluru and Malpe coast, Karnataka	Guide
14.	Raju Kennauje	M.F.Sc 2022	Studies on functional fish sausage, its characteristics and shelf life	Co-guide
15.	Ahamed Rasheeq A	M.F.Sc 2022	Stock structure analysis of <i>Siganus canaliculatus</i> (park, 1797) along south west and south east coast of India using truss analysis and DNA barcoding	Guide
16.	Pratiksha Kamana Singh	M.F.Sc 2022	DNA barcoding of fish species belonging to family balistidae prevalent along the coastal waters of Karnataka	Guide
17.	Ayesha Farheen	M.F.Sc 2022	Accumulation of heavy metals in selected species of cephalopods	Co-guide
18.	Sanjay Kumar	M.F.Sc 2023	Studies on the ingestion of microplastics in selected finfishes along Karnataka coast	Guide
19.	Dharshan K. S.	M.F.Sc 2023	Molecular identification of the selected species of the family Channidae using Cytochrome c Oxidase Subunit I	Co-guide
20.	Ayesha Tabasum	M.F.Sc	Studies on the presence of	Guide

		2024	microplastics in the selected dried fish and shrimp along Karnataka coast	
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**Question paper setting for B.F.Sc. students of College of Fisheries of different universities**

Sl. No.	Title of the course	Year	Name of the college
1.	Inland Capture Fisheries (FB 321, 1+1)	2008	Kerala Agricultural University
2.	Biology of Finfish and Shellfish (FRM 122, 2+1)	2010	S. V. Veterinary University, Tirupathi, A.P.
3.	Biology of Finfish and Shellfish (FRM 122, 2+1)	2010	Kerala Agricultural University
4.	Inland Fisheries (FRM 201, 2+1)	2012	Rajendra Agricultural University, PUSA, Samastipur, Bihar
5.	Biology of Finfish and Shellfish (AE, 121)	2013	Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
6.	Coastal Aquaculture and Mariculture (AQ, 222)	2014	Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
7.	Marine Biology” (FAEN 212)	2015	College of Fisheries, Kawardha, Chhattisgarh
8.	Disaster Management in Fisheries (BSH, 323)	2015	Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
9.	Coastal Aquaculture and Mariculture (AQ 222)	2015	Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana
10.	Physiology of Finfish and Shellfish (FRM 202)	2015	Rajendra agricultural University, PUSA, Samastipur
11.	Coastal Aquaculture and Mariculture (AQ, 222)	2016	Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
12.	Physiology of Finfish and Shellfish (FRM, 202)	2016	Rajendra Agricultural University, PUSA, Samastipur
13.	Taxonomy of Finfish” (FRM, 111)	2016	Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
14.	Marine Fisheries (FRM, 211)	2016	Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
15.	Fisheries Resource Management (FRM, 124)	2016	Maharashtra Animal and Fishery Sciences University, Nagpur
16.	Physiology of Finfish and	2016	Tamil Nadu Fisheries University,

	Shellfish (FBI, 211)		Nagapattinam
17.	Physiology of finfish and Shellfish (FRM, 202)	2017	Dr Rajendra Prasad Central Agricultural University, PUSA, Samastipur
18.	Anatomy and Biology of Finfish (FRM, 121)	2017	Sri Venkateswara Veterinary University, Tirupati
19.	Anatomy and Biology of Finfish (FRM, 211)	2017	Dr Rajendra Prasad Central Agricultural University, PUSA, Samastipur
20.	Physiology of finfish and Shellfish (FRM, 202)	2018	Dr Rajendra Prasad Central Agricultural University, PUSA, Samastipur
21.	Physiology of finfish and Shellfish (FRM, 121)	2018	Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
22.	Anatomy and Biology of Finfish (FRM, 121)	2018	P V Narsimha Rao Telangana Veterinary University, Rajendranagar, Hyderabad
23.	Food Chemistry (FPT, 121)	2019	Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
24.	Physiology of Finfish and Shellfish (FRM, 221)	2019	Sri Venkateswara Veterinary University, Tirupati
25.	Environment Toxicology (AEM, 507) and Aquatic Microbiology (AEM, 511)	2019	West Bengal University of Animal and Fishery Sciences, Kolkata
26.	Marine Biology (AEM, 211)	2019	Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
27.	Taxonomy of Shellfish (FRM, 113)	2019	Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
28.	Fisheries Science	2020	Odisha Public Service Commission, Cuttack
29.	Fisheries Science Faculty	2020	Karnataka Veterinary, Animal and Fisheries Sciences University (KVAFSU), Bidar
30.	Marine Fisheries (FS, 204)	2021	Tamil Nadu Dr. J. Jayalalithaa Fisheries University
31.	Anatomy and Biology of Finfish (FS, 102)	2021	Tamil Nadu Dr. J. Jayalalithaa Fisheries University
32.	Physiology of Finfish and Shellfish (FRM, 211)	2021	Kerala University of Fisheries and Ocean Studies, Kerala
33.	Fisheries Resources and Management	2022	Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar
34.	Physiology of Finfish and Shellfish (FRM 211)	2022	Odisha University of Agriculture and Technology, Bhubaneswar
35.	Fisheries	2022	Karnataka Public Service Commission, Bangalore

36.	General question papers	2022	Karnataka Public Service Commission, Bangalore
37.	Anatomy and Biology of Shellfish (FRM, 213)	2023	Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana
38.	Anatomy and Biology of Shellfish (FRM, 121)	2023	College of Fisheries, Rangailunda, Orissa University of Agriculture and Technology (OUAT), Bhubaneswar
39.	Physiology of Finfish and Shellfish (FS, 214)	2023	Tamil Nadu Dr. Jayalalithaa Fisheries University
40.	Physiology of Finfish and Shellfish (FRM, 211)	2024	College of Fisheries, Rangailunda, Orissa University of Agriculture and Technology (OUAT), Bhubaneswar
41.	Physiology of Finfish and Shellfish (FRM, 211)	2024	Kerala University of Fisheries & Ocean Studies, Panangad, Kerala
42.	Section II- Advancement and modern trends in life sciences	2025	Karnataka Public Service Commission, Bangalore

### Evaluation of thesis

Sl. No.	Name of the student	Title of the thesis	M.F.Sc/PhD.	Year	Institute
1.	Ms Snehal Siddharth Lokhande	Macro-faunal abundance of sandy shore Mirya, Ratnagiri	M.F.Sc	2012	College of Fisheries, Ratnagiri
2.	Ms. Naik Priyanka Shekurao	Suitability of impounded water of laterite quarries for fish culture	M.F.Sc	2012	College of Fisheries, Ratnagiri
3.	Ms. Preetam Naik	Response of post-larvae of <i>Penaeus monodon</i> to varying temperatures	M.F.Sc	2012	College of Fisheries, Ratnagiri
4.	Ms Patel Sana Kausar Moinuddin	Effect of Phorate on survival of fingerlings of Indian Major Carps and <i>Tilapia</i> sp.	M.F.Sc	2012	College of Fisheries, Ratnagiri
5.	Ms. Bhatkar Ajaya Anil	Hydrobiological studies on coral reef area of malvan, Sindhudurg district, Maharashtra	M.F.Sc	2018	College of Fisheries, Ratnagiri
6.	Retheesh T. B.	Fishery and Biology of Common Dolphinfish <i>Coryphaena hippurus</i>	PhD.	2023	Cochin University of Science and



		Linnaeus 1758), Exploited along the Kerala coast			Technology
7.	Shri. Bhagchand Chhaba	Effect of Chlorhydrins on immunological parameters in striped catfish, <i>Pangasianodon hypophthalmus</i> (Savage, 1878) fingerlings	M.F.Sc	2024	College of Fisheries, Ratnagiri

### Evaluation of project: 01

Sl. No.	Title of the Project	Funding Agency
1.	Shellfish allergen screening: detection, molecular characterization and mitigation measures	Kerala State Council for Science Technology and Environment

### No. of ongoing projects: 01

Sl. No.	Title of the Project	Funding Agency	Amount in lakhs (Rs.)	Duration	PI/ Co-PI
1.	New Age Innovation Network 2.0 (NAIN)	K-Tech, Karnataka Innovation and Technology Society	36.00	5 2024-27 3 yrs	PI

### Projects completed: 07

Sl. No.	Title of the Project	Funding Agency	Amount in lakhs (Rs.)	Duration	PI/ Co-PI
1.	Reproductive biology of commercially important mullets of Dakshina Kannada coast	KVAFSU, Bidar	0.10	2008-09 1 yr	PI
2.	Impact of anthropogenical wastes on ecological and microbiological parameters of Netravathi-Gurupur estuary	KVAFSU, Bidar	0.80	2010-11 1 yr	PI
3.	Ecological Monitoring of Arabian sea receiving effluents from M C F Ltd	M C F Ltd. Mangalore	4.20	2011-12 1 yr	Co-PI
4.	Monitoring of Pollution Impact due to Discharge of Treated Effluents from	BASF Ltd. Mangalore	5.80	2011-13 2 yrs	Co-PI



	BASF Ltd				
5.	Coastal water quality monitoring off Padubidri near the proposed UPCL Ltd. effluent discharge point	UPCL Ltd., Udupi	8.00	2011-13 2 yrs	Co-PI
6.	Treated effluent analysis and monitoring of seawater quality off Chitrapur near the marine outfall of effluent from MRPL-ONGC, Mangalore	MRPL- ONGC	10.46	2011-14 2 yrs	Co-PI
7.	Sustaining livelihood security in rural women of Dakshina Kannada - Integrated Livestock and Fisheries Production	DST, New Delhi	45.64	2014-19 5 yrs	PI

### Awards/Fellowships/Recognitions

1. Recipient of “**Eminent Scientist of the Year 2011**” from National Environmental Science Academy, New Delhi.
2. **Certificate of Merit**” during the 6<sup>th</sup> Convocation of KVAFSU, Bidar for mobilizing extra mural research grants of 11.84 lakhs from MOEF
3. **Certificate of Merit**” from Karnataka Veterinary, Animal and Fisheries Sciences University, Bidar for mobilization of Rs. 41.82 Lakhs for the project sustaining livelihood security in rural women of Dakshina Kannada – Integrated Livestock and Fisheries Production from Department of Science and Technology (DST) New Delhi during 2014-15
4. Received an “**award from Mogaveera Helpline**” for the achievements in education among the mogaveera community on 1-3-2020
5. “**Certificate of Appreciation**”- Smt. M. Kamamma Memorial Prize” on 27 Jan, 2023 in recognition of exemplary performance while pursuing MFSc degree in the years 1997-99 and continued outstanding contribution to academics and research. The award consists of a certificate, silver medal and a cash prize of Rs. 10,000/-.
6. Received “**Best teacher Award**” from Society of Fisheries and Life Sciences, College of fisheries, Mangaluru, Karnataka on 19 November, 2024.
7. Received “**NESA Distinguished Scientist of the Year- 2024**” from National Environmental Science Academy, New Delhi.

### International Assignments

1. Participated in the “ASEAN Fisheries and Aquaculture Conference and Exposition 2016 and 11<sup>th</sup> Asian Fisheries and Aquaculture Forum held during 3-7 August, 2016 at Asian Fisheries Society, Bangkok, Thailand.

2. Visited Food and Agriculture Organization, Rome, Italy, and participated in the “International Symposium on Fisheries Sustainability: Strengthening the Science Policy Nexus” held from 18-21 November 2019.

### **Membership of Professional Institutions/Societies**

<b>Sl. No.</b>	<b>Name of the Organization</b>	<b>Type of Membership</b>
1.	College of Fisheries Alumni Association (COFAA), Mangalore	Life Member
2.	Professional Fisheries Graduate Forum (PFGF)	Life Member
3.	Institution of Agricultural Technologists (IAT)	Life Member
4.	National Environmental Science Academy (NESA), New Delhi	Life member
5.	Asian Fisheries Society (AFS)	Life Member
6.	Asian Fisheries Society, Indian Branch (AFSIB)	Life Member
7.	Journal of Fisheries and Life Science	Life member

### **Workshops/Symposium/Short courses/Awareness Programme/Training Programmes organized:**

<b>Sl. No.</b>	<b>Type of Programme</b>	<b>Title of the programme</b>	<b>Coordinator/ Co-coordinator</b>	<b>Place and Date</b>	<b>Sponsoring agency</b>
1.	Training Programme	HRD Training Programme	Coordinator	College of Fisheries, Mangalore during April 12-14, 2008	KVAFSU, Bidar
2.	National Level Short Course	Integrated Coastal Zone Management	Coordinator	College of Fisheries, Mangalore during May 29-June 03, 2013	SICOM, MOEF, New Delhi
3.	National Level Refresher Course	Integrated Coastal Zone Management	Coordinator	College of Fisheries, Mangalore during October 28 - 31, 2013	SICOM, MOEF, New Delhi
4.	Workshop	The 10 <sup>th</sup> Indian Fisheries and Aquaculture Forum towards Responsible Aquaculture and Sustainable Fisheries	Co-coordinator	12-15, November 2014	Asian Fisheries Society, Indian Branch (AFSIB) and National Bureau of Fish Genetic Resources, Lucknow

5.	Awareness programme	World Water Day-2015	Coordinator	Bengre, Mangalore on 10-4-2015	KVAFSU, Bidar
6.	Training programme	Farming and rearing of goat for rural livelihood	Coordinator	College of Fisheries, Mangalore on 30-9-2015	DST, New Delhi
7.	Training programme	Ornamental Fish Production and Marketing for rural livelihood	Coordinator	College of Fisheries, Mangalore on 08-10-2015	DST, New Delhi
8.	Training programme	Farming and rearing of pigs for rural livelihood	Coordinator	Pig Breeding Centre, Koyla, Puttur Taluk, Dakshina Kannada on 16-10-2015	DST, New Delhi
9.	Training programme	Backyard rearing of poultry for rural livelihood	Coordinator	College of Fisheries, Mangalore on 04-11-2015	DST, New Delhi
10.	Training programme	Integrated Farming Systems	Coordinator	Taluk Panchayath meeting Hall, Belthangady on 16-11-2015	DST, New Delhi
11.	Workshop	Responsible Fisheries	Co-coordinator	College of Fisheries, Mangalore on 25-11-2016	KVAFSU, Bidar
12.	Workshop	Fostering Innovations in Fisheries and Aquaculture-Focus on Sustainability and Safety-The 11 <sup>th</sup> Indian Fisheries and Aquaculture Forum	Co-coordinator	21-24, November 2017	Asian Fisheries Society, Indian Branch (AFSIB) and ICAR-Central Institute of Fisheries Technology (ICAR-CIFT)
13.	Workshop	Responsible Fisheries	Co-coordinator	College of Fisheries, Mangalore	KVAFSU, Bidar

				on 21-03-2018	
14.	Workshop	An Eco-friendly plastination technology for preserving animal tissues and organs	Co-coordinator	College of Fisheries, Mangalore on 29-09-2018	KVAFSU, Bidar
15.	Workshop	Aquaclinics and Aquapreneurship Development Programme	Co-coordinator	College of Fisheries, Mangalore during 21 January to 19 February, 2019	Department of Fisheries resources and Management in collaboration with National Institute of Agricultural Extension Management (MANAGE) and NFDB, Hyderabad
16.	Workshop	Fisheries Resources Management	Co-coordinator	College of Fisheries, Mangalore during 28-01-2019 to 29-01-2019	Karnataka Science Academy, Bengaluru
17.	Online webinar	World Water Day 2022	Co-coordinator	College of Fisheries, Mangalore on 22 March, 2022	KVAFSU, Bidar
18.	Workshop	World Fish Migration Day and Biodiversity Day 2022	Co-coordinator	College of Fisheries, Mangalore on 23 May, 2022	KVAFSU, Bidar
19.	Workshop	Fish for Nutritional Security and Economic Sustainability"- The 12 <sup>th</sup> Indian Fisheries and Aquaculture Forum	Co-coordinator	5-7 May, 2022 3 days	Asian Fisheries Society, Indian Branch (AFSIB) and Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam , Tamil Nadu
20.	Workshop	World Fisheries Day 2022	Co-coordinator	College of Fisheries, Mangalore on 21 November, 2022	KVAFSU, Bidar

21.	Workshop	World Aquatic Animal Day 2023	Co-coordinator	Aranya Bhavan, Department of Forests, Mangalore on 03 April, 2023	Department of Forest, GOK, Mangalore
22.	Training programme	Economic development through value addition of fish (ಮೀನಿನ ಮೌಲ್ಯವರ್ಧನೆಯಿಂದ ಆರ್ಥಿಕ ಪ್ರಗತಿ)	Coordinator	Kodi Kanyana, 2 days 26-08-2023 to 27-08-2023	Geethanand Foundation, Kota, Padukare and Udupikinara Fish Farmers Producer Company Ltd, Kodi Kanyana, Udupi district, Karnataka
23.	Awareness programme	Ocean Health: our Action & our Future	Coordinator	Fiza by Nexus Mall, Mangalore on 26.01.2024	College of Fisheries, Mangalore in collaboration with the Mangalore Regional Centre of ICAR-Central Marine Fisheries Research Centre and NITTE University
24.	Workshop	"Fostering Indian Fisheries and Aquaculture for Attaining Sustainable Development Goal"- The 13 <sup>th</sup> Indian Fisheries and Aquaculture Forum	Co-coordinator	23-25 February, 2024 3 days	Asian Fisheries Society, Indian Branch (AFSIB) and ICAR- Central Inland Fisheries Research Institute, Barrackpore, Kolkata
25.	Workshop	Status of Marine Fisheries in Karnataka: Challenges and Opportunities	Coordinator	College of Fisheries, Mangalore on 31 August, 2024	Ambigara Choudaiah Peeta, Mangalore University, Mangalore
26.	Workshop	World Fisheries Day – 2024 "India's Blue Transformation: Strengthening Small-Scale and Sustainable Fisheries"	Coordinator	College of Fisheries, Mangalore on 30 November, 2024	Janatha Fish Meal & Oil Products, Kota, Udupi Asian Fisheries Society, Indian Branch (AFSIB), Mangaluru College of Fisheries Alumni Association (COFAA), Mangaluru

					Society of Fisheries and Life Sciences, Mangaluru
27.	Training Workshop	Shark Trade Monitoring	Coordinator	College of Fisheries, Mangalore on 2-3, May 2025	South Asian Invertebrate Specialist Group IUCN SSC Zoo Outreach Organization
28.	Workshop	14th Asian Fisheries and Aquaculture Forum (14AFAF) Theme: Greening the blue growth in Asia-Pacific	Co-coordinator	New Delhi on 12-15 February 2025	Indian Council of Agricultural Research (ICAR), New Delhi, India, Department of Fisheries (DoF), Govt. of India, New Delhi, India and Asian Fisheries Society Indian Branch (AFSIB), Mangalore, India

### Participation in Symposium/Workshops/Conferences/Training Programmes: 46

Sl. No.	Title of the Programme	Type of Programme	Duration and Period	Organizers/Venue
1.	Population dynamics of marine fishes	Training Programme	22 October to 4 November 1998	College of Fisheries, Mangalore
2.	Common Foundation Course for the probationers	Training programme	27.06.2005 to 20.08.2005	Administrative Training Institute, Mysore, Karnataka
3.	Recent advances in freshwater aquaculture nutrition	winter school	28.11.2007 to 18-12-2007	Central Institute of Fresh water Aquaculture, Bhubaneswar, Orissa
4.	Biodiversity Regime Emerging challenges and opportunities	National seminar	22-05-2008	Central Marine Fisheries Research Institute, Bolar, Mangalore
5.	e-content Management	Training programme	29-05-2009 to 4-6-2009	National Academy of Agricultural Research Management, Hyderabad
6.	Capacity building to enhance the Competitiveness of Indian Fisheries	Training programme	2-2-2011 to 4-2-2011	National Federation of Fishermen's Cooperatives Ltd., New Delhi
7.	Mangroves for	International Conference	7-8-2011	M. S. Swaminathan

	Coastal Area Management		to 10-8-2011	Research Foundation, Chennai
8.	Climate Change Platform	National Stakeholders' Consultation	19-9-2011 to 20-9-2011	Central Research Institute for Dryland Agriculture, Hyderabad
9.	Developing Winning Research Proposals in Agricultural Research	Training programme	13-12-2011 to 17-12-2011	National Academy of Agricultural Research Management (NAARM), Hyderabad
10.	Bioremediation and Environmental Management and Polar Science and Technology	International Conference	28-12-2011 to 29-12-2011	Presidency College, Kempapura, Hebbal, Bangalore
11.	Recent innovations, opportunities and Challenges in Science and Technology	National Conference	January 28-29, 2012	Academy of Karnataka Science and Technology and Mangalore University
12.	Aquatic Resources for Eradicating Hunger and Malnutrition- Opportunities and Challenges”	Global Symposium	December 3-6, 2012	Asian Fisheries Society Indian Branch, Mangalore
13.	Coastal Environments and their Management	National Seminar	January 22-23, 2013	Mangalore University
14.	Reclamation of Saline and Alkaline Soils through Aquaculture	Winter school	6-26 November, 2013	College of Fisheries, Mangalore
15.	Capture Based Aquaculture Practices	Workshop	2-4 <sup>th</sup> December 2013	Mangalore Research Centre of CMFRI, Mangalore
16.	Impact of Aggregation Devices on Cuttlefish Fishery	Workshop	5-7 December 2013	Mangalore Research Centre of CMFRI, Mangalore
17.	Strategies for bridging yield gap for fisheries and aquaculture	PFGF Workshop	24-25, March 2014	College of Fisheries, Mangalore
18.	The 10 <sup>th</sup> Indian Fisheries and Aquaculture Forum towards Responsible Aquaculture and Sustainable Fisheries	Workshop	12-15, November 2014	Asian Fisheries Society, Indian Branch (AFSIB) and National Bureau of Fish Genetic Resources, Lucknow
19.	Gender budgeting for mainstreaming women in agriculture	Training programme	26-31, October 2015	National Institute of Agricultural extension Management,



				Hyderabad
20.	Cage aquaculture in Asia (CAA 5)	5 <sup>th</sup> International Symposium	25-28, November, 2015	Central Marine Fisheries Research Institute (CMFRI), Cochin
21.	ASEAN Fisheries and Aquaculture Conference and Exposition 2016 and 11 <sup>th</sup> Asian Fisheries and Aquaculture Forum	Workshop	3-7 August, 2016	Asian Fisheries Society, Bangkok, Thailand
22.	Fostering Innovations in Fisheries and Aquaculture-Focus on Sustainability and Safety-The 11 <sup>th</sup> Indian Fisheries and Aquaculture Forum	Workshop	21-24, November 2017	Asian Fisheries Society, Indian Branch (AFSIB) and ICAR-Central Institute of Fisheries Technology (ICAR-CIFT)
23.	Management of Marine Fisheries	Training programme	21-12-2017	Department of Fisheries, Govt of Karnataka and NFDB, Hyderabad
24.	Master Trainers	Training programme	28-5-2018 to 30-5-2018	Agriculture Skill Council of India (ASCI)
25.	General Administration, Accounts and KCSR regulations and other issues	Training programme	25-2-2019 to 26-2-2019	College of Fisheries, Mangalore
26.	Coastal Processes, Planning and Engineering	Training programme	12-6-2019 to 13-6-2019	Public Works, Ports and Inland Water Transport Department, GOK
27.	Precision Fish Farming: Automation Principles and Technological Solutions for Sustainable Aquaculture Production and Productivity	winter school	26-11-2019 to 16-12-2019	ICAR- Central Institute of Fisheries Education, Mumbai
28.	Fisheries Sustainability: Strengthening the Science –Policy	International Symposium	18-11-2019 to 21-11-2019	Food and Agriculture Organization (FAO), Rome, Italy

	Nexus			
29.	Refinement of Marine Fisheries Management in Karnataka State	Stakeholders' meeting	3-1-2020	NETFISH, MPEDA
30.	Current advances in Epigenetics and Vaccine Development in Aquaculture	International webinar	9-8-2020	College of Fisheries, Guru Angad Dev Veterinary and Animal Sciences University (GADVASU), Ludhiana, Punjab
31.	Data Analytics in Fisheries	21 days online training programme	10-08-2020 to 03-09-2020	Dr MGR Fisheries College and Research Institute, Thalainayeru, Nagapattinam
32.	Fisheries in Covid Times and After: Gender, Ground Truths and Growth	National Webinar	12-16 October, 2020	Dr. M.G.R. Fisheries College and Research Institute, TNJFU, Thalainayeru
33.	World Fisheries Day-2021	Workshop	21 <sup>st</sup> November 2021	College of Fisheries, Mangalore
34.	Fish for Nutritional Security and Economic Sustainability"- The 12 <sup>th</sup> Indian Fisheries and Aquaculture Forum	National workshop	5-7 May, 2022 3 days	Asian Fisheries Society, Indian Branch (AFSIB) and Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam, Tamil Nadu
35.	Role of Fisheries Sector in Food Security and Sustainability	National workshop	27-28 January, 2023 2 days	The Alumni Association of College of Fisheries (COFAA), Mangalore
36.	Fish Festival- 2023	Fish Festival	27-28 January, 2023 2 days	College of Fisheries, Mangalore
37.	Innovations in Fishing Technologies for Sustainable and Resilient Fisheries	Symposium	13-17 February, 2023 5 days	Bay of Bengal Programme Inter-Governmental Organization (BOBP-IGO), Chennai
38.	Aame Habba (Turtle Festival-2023)	Awareness programme	21 April, 2024	College of Fisheries, Mangalore
39.	Ocean Conservation and Sustainable Use	Workshop	9 June, 2023	College of Fisheries, Mangalore
40.	Empowering Tomorrow Through Agripreneurship	Faculty Development Programme	03-15 July 2023	NaaViC, Agri-Business Incubation Centre, ICAR-NIVEDI, Bengaluru
41.	Promotion of start-	Webinar	18 August, 2023	Advanced Biotech

	Ups and Innovation in the Fisheries Sector			Innovation Centre-Aquamarine, College of Fisheries, Mangalore
42.	Ensuring the sustainable growth of Fisheries sector in Karnataka: Challenges and Opportunities	Workshop	9 December, 2023	The Alumni Association of College of Fisheries (COFAA) and College of Fisheries, Mangalore
43.	Matsya Sampada Jagrukta Abhiyan	National-level outreach programme	20 February, 2024	College of Fisheries, Mangalore
44.	“Fostering Indian Fisheries and Aquaculture for Attaining Sustainable Development Goal”- The 13 <sup>th</sup> Indian Fisheries and Aquaculture Forum	National workshop	23-25 February, 2024	Asian Fisheries Society, Indian Branch (AFSIB) and ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata
45.	Sustainable Aquaculture Innovations: Empowering fish farmers for a thriving future	National Webinar	10 July, 2024	Dr. MGR Fisheries College and Research Institute Tamil Nadu Dr. J. Jayalalitha Fisheries University, Thalainayeru
46.	Bridging the yield gap in fisheries and aquaculture- BYGFISH 2.0 by Sustainable Approaches and Fisheries Improvement Programme	National workshop	27 July, 2024	College of Fisheries, Mangalore in collaboration with Dept of Fisheries, Govt of Karnataka, NFDB, Hyderabad, COFAA, Mangalore and Yashaswi Marine Ingredients, Udupi
47.	Sustainable Blue Revolution: Progress and Way Forward	National workshop	27 December, 2024	The Alumni Association of College of Fisheries (COFAA) and College of Fisheries, Mangalore
48.	14th Asian Fisheries and Aquaculture Forum (14AFAF)- Greening the Blue Growth in Asia Pacific	International Symposium	12-15 February 2025	Asian Fisheries Society (AFS), Kuala Lumpur, Malaysia, Indian Council of Agricultural Research (ICAR), New Delhi, India, Department of Fisheries (DoF), Govt. of India, New Delhi, India and

				Asian Fisheries Society Indian Branch (AFSIB), Mangalore, India
49.	Aligning Academic Research with National Marine Fisheries Resource Assessment Needs- A capacity development initiative for the faculty of Fisheries Resource Management (FRM) divisions of the Fisheries Colleges from the coastal states in India	National workshop	29-31 May, 2025	Bay of Bengal Programme Inter-Governmental Organization (BOBP-IGO), Chennai

### Served as Resource Person: 8

Sl. No.	Topic	Organizers	Date	Place
1.	Monitoring of coastal waters	College of Fisheries, Mangalore	6 July, 2012	College of Fisheries, Mangalore
2.	ಮೀನುಗಾರಿಕೆ ಮತ್ತು ಮೊಗವೀರ ಸಂಸ್ಕೃತಿ	Ambigara Choudaiah Peeta, Mangalore University, Mangalore	6 March, 2018	Government First Grade College, Haleyangadi
3.	ಜವಾಬ್ದಾರಿಯುತ ಮೀನುಗಾರಿಕೆ ಮತ್ತು ನಿರ್ವಹಣೆ	College of Fisheries, Mangalore	30 November, 2018	ಮೀನುಗಾರ ರೈತರು ಮತ್ತು ಮಹಿಳೆಯರಿಗಾಗಿ ಮೂಡುಬಿದಿರೆಯ ವಾಲ್ಮಡಿ ಗ್ರಾಮ
4.	Livelihood improvement through aquaculture and animal husbandry emphasizing women	Department of Fisheries resources and Management in collaboration with National Institute of Agricultural Extension Management (MANAGE) and NFDB, Hyderabad	25 January, 2019	College of Fisheries, Mangalore
5.	Special coaching classes for JRF/ARS aspirants of the college	College of Fisheries, Mangalore	17-18 February, 2020	College of Fisheries, Mangalore
6.	The Role and	Shri Dharmasthala	28	College of Fisheries,

	Responsibilities of Fishing Organizations in Safeguarding the Human Rights at Sea	Manjunatheshwara Law College Centre for Post Graduate Studies and Research in Law, Mangalore	January, 2021	Mangalore
7.	Physiology of Finfish and shellfish, Marine Fisheries	Competitive Examination Cell (CEC), College of Fisheries, Mangalore	28 June, 2023	Mangalore
8.	Significance of turtles in the marine ecosystem and its management and conservation	MPEDA RD Mangalore and MPEDA-NETFISH in association with Dept of Fisheries, Govt. of Karnataka	3 September, 2024	Mangalore
9.	Marine Environment as a Source of Food Resources	NITTE University Centre for Science Education and Research (NUCSEER)	11 January, 2025	Mangalore

### Member of expert panel

Sl. No.	Activity	Date	Role
1.	Selection of Assistant Professor- Fisheries Faculty (FRM) at Kamadhenu University, Gujarat	24.02.2023	Member
2.	Screening committee at ASRB, New Delhi for assessment of application for Non Research Management Positions	30-31 May, 2024	Member
3.	Subject expert committee meeting at KPSC, Bengaluru to review objections pertaining to the “Key answers” for the post of Assistant Director of Fisheries (HK) in the Dept. of Fisheries, competitive examinations held on 12-07-2023	03-08-2023	Member
4.	Panel Discussion on “Future Trends in Fisheries” in the National Conference on “Blue Revolution for Sustainable Fisheries Development” held at KSTA, Bangalore	25-27 September, 2024	Expert
5.	Expert member in the Working Group under the Government of Karnataka -supported Centre of Excellence in Aquamarine Innovation at NITTE (Deemed to be University), Mangaluru	3 November, 2024	Expert

### Publications:

#### I. Papers published in peer-reviewed Journals: 60

1. Rajesh, K. M., G. Gowda, **Mridula R. Mendon** and A. P. Nazareth, 2000. Distribution of benthic diatoms in brackishwater ponds along the Nethravathi estuary, South-West coast of India. *Journal of Marine Biological Association of India*, 42 (1&2): 32-38.
2. Vijayakumar, S., K. M. Rajesh, **Mridula R. Mendon** and A. T. Ramachandra Naik, 2000. Diurnal variations of nutrients in relation to tidal rhythm of Mulki estuary, south west coast of India. *Journal of the Inland Fisheries Society of India*, 32 (2): 57-62.
3. Vijayakumar, S., K. M. Rajesh, **Mridula R. Mendon** and V. Hariharan, 2000. Seasonal distribution and behaviour of nutrients with reference to tidal rhythm in the Mulki estuary, south-west coast of India. *Journal of Marine Biological Association of India*, 42 (1&2): 21-31.
4. Rajesh, K. M., G. Gowda, **Mridula R. Mendon** and R. Munireddy, 2001. Physico-chemical parameters in mangrove and non-mangrove areas of brackishwater impoundments along Nethravathi estuary, Mangalore. *Indian Journal of Environmental Sciences*, 5 (2): 145-152.
5. Rajesh, K. M., G. Gowda, **Mridula R. Mendon** and A. P. Nazareth, 2001. Distribution of sediment chlorophyll - *a* and phaeopigments in brackishwater ponds along the Nethravathi estuary, South-West coast of India. *Indian Journal of Fisheries*, 48(2): 145-149.
6. K. M. Rajesh, G. Gowda and **Mridula R. Mendon**, 2001. Chlorophyll – *a* and phaeopigments of brackishwater ponds along Nethravathi estuary, Mangalore. *Journal of the Inland Fisheries Society of India*, 33 (2): 6-11.
7. 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. Ramachandra Naik, A. T., H. Shivananda Murthy, K. M. Rajesh and **Mridula R. Mendon**, 2001. Stability in water and sinking rate of pelleted feeds formulated from locally available ingredients. *Fishery Technology*, 38 (2): 121-124.
8. Rajesh, K. M., G. Gowda and **Mridula R. Mendon**, 2002. Primary productivity of brackishwater impoundments along Nethravathi estuary, Mangalore in relation to some physico-chemical parameters. *Fishery Technology*, 39 (2): 85-87.
9. **Mridula R. M.**, R. J. Katti, K. M. Rajesh and T. R. C. Gupta, 2002. Diversity of dinoflagellates in the Arabian sea off Mangalore. *Indian Journal of Fisheries*, 49(1): 45-50.
10. **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.
11. **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.

12. **Mridula R. M.** and K. M. Rajesh, 2002. Hydrography of the near shore waters of Panambur (Mangalore), south-west coast of India. *Indian Journal of Environmental Sciences*, **6**(1):61-68.
13. Gowda, G., T. R. C. Gupta, K. M. Rajesh and **R. M. Mridula**, 2002. Primary productivity in relation to Chlorophyll-a and phytoplankton in Gurupur estuary. *Journal of Marine Biological Society of India*. **44** (1&2):14-21.
14. Manjappa, H., G. Gowda, K. M. Rajesh and **Mridula R. Mendon**, 2002. Photosynthetic pigments of benthic microflora in the brackishwater pond along Nethravathi estuary, Mangalore. *Journal of Marine Biological Association of India*, **44** (1 & 2): 212-216.
15. Manjappa, H., Gowda, G., **Rajesh, K. M.** and Mridula R. Mendon 2002. Impact of environmental factors on distribution of molluscs in a brackishwater pond of Nethravathi estuary, Mangalore. *Journal of Inland Fisheries Society of India*, **34** (2): 13-17.
16. **Mridula R. M.**, J. K. Manissery, P. Keshavanath, K. M. Shankar, M. C. Nandeeshha 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.
17. 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.
18. 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.
19. Manjappa, H., G. Gowda, K. M. Rajesh and **R. M. Mridula**, 2003. Sediment characteristics of mangrove areas of brackishwater impoundments. *Indian Journal of Fisheries*, **50** (3): 349-354.
20. Rajesh, K. M., G. Gowda, **R. M. Mridula** and R. Munireddy, 2004. Organic carbon, nitrogen, phosphorus and textural analysis of the sediment in brackishwater impoundments along Nethravathi estuary, Mangalore. *Indian Journal of Environmental Sciences*, **8** (1): 1-4.
21. **Ramanath M. Mridula**, Joseph K Manissery, Perar Keshavanath, Kalkuli M Shankar, Mudnakudu C. Nandeeshha 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.
22. Marakala, C., K. M. Rajesh, M. Ganapathi Naik and **R. M. Mridula**, 2005. Ecology and biodiversity of macrofauna in a mangrove fringed lagoon, South-West coast of India. *Indian Journal of Fisheries*, **52** (3): 293-299.



23. Rajesh, K. M., G. Gowda and **R. M. Mridula**, 2005. Benthic primary production in the mangrove and non-mangrove areas of brackishwater impoundment along Nethravathi estuary. *Indian Journal of Fisheries*, 52 (4): 489-493.
24. **Mridula, R. M.**, J.K. Manissery, K.M. Rajesh, P. Keshavanath, K.M. Shankar and M.C. Nandeesh, 2006. Effect of microbial biofilm in the nursery phase of mrigal, *Cirrhinus mrigala*. *J. Indian Fish. Assoc.*, **33**:103-112.
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29. **Mridula, R.M.**, 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.
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34. **Mridula, R.** K. S. Venkatesh Moorthy and N. Chethan, 2012. Distribution of heavy metals and sediments of coastal waters of Mangalore, Karnataka. *Frontier Journal of Veterinary and Animal Science*, **1** (1): 62-64.

35. Gowda, G., Gyanendra Singh, K. M. Rajesh, **R. M. Mridula** and K. M. Shankar, 2012. Development of biofilm on artificial substrates in a brackishwater pond near Mangalore, south-west coast of India. *Journal of Aquaculture in the Tropics*, **27** (1-2): 13-23.
36. **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.
37. **Mridula, Rajesh**, K. M. Rajesh and Kamalesh Panda, 2014. Reproductive biology of mullet, *Valamugil burchanani* from Mulki estuary off Arabian Sea, Dakshina Kannada. *Indian Journal of Animal Research*, **48** (4): 336-343.
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40. 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.
41. **Mridula Rajesh**, J. K. Manissery and K. M. Rajesh, 2017. Effect of paddy straw and sugarcane bagasse on growth and survival of giant freshwater prawn *Macrobrachium rosenbergii* (de Man, 1879). *Indian Journal of Fisheries*, **64** (4): 58-64.
42. 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.
43. **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.
44. **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.
45. **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.
46. 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>

47. Sanjay Kumar, **Mridula Rajesh**, Rajesh, K.M, Suyani, N.K, Ahamed Rasheeq A. and Pratiksha, K.S. 2020. Impact of Microplastics on Aquatic Organisms and Human Health: A Review. International Journal of Environmental Sciences & Natural Resources, 26 (2): 59-64. DOI: 10.19080/IJESNR.2020.26.556185
48. Assana, K., **Mridula Rajesh** and K. M. Rajesh, 2021. Reproductive traits in dolphinfish, *Coryphaena hippurus*, Linnaeus, 1758, along the coastal waters of Karnataka, south-eastern Arabian Sea. Indian Journal of Fisheries, 68 (1): 19-26.
49. 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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51. Rajesh, K. M., Prathibha Rohit, Divya Viswambharan, Abdussamad, E. M. and **Mridula Rajesh**, 2021. Feeding behaviour of the saw-toothed barracuda, *Sphraena putnamae* (Jordan and Seale, 1905) along the southeastern Arabian Sea, India. Regional Studies in Marine Science, **47**: 1-9. <https://doi.org/10.1016/j.rsma.2021.101974>.
52. Suyani, N.K., **R. Mridula** and K.M. Rajesh, 2021. First report on the diet and reproductive biology of red-toothed triggerfish *Odonus niger* (Ruppell, 1836) from the south-eastern Arabian Sea. Journal of the Marine Biological Association of the United Kingdom, **101** (5): 827-837. <https://doi.org/10.1017/S0025315421000771>
53. Monty Meshram Madan, **Mridula Rajesh**, K. M. Rajesh and Suyani Nitin Kanji, 2021. Morphological measurements, length weight relationship and relative condition factor (*Kn*) of obtuse barracuda *Sphyaena obtusata* (Cuvier, 1829) from south-eastern Arabian Sea. Indian Journal of Geo-Marine Sciences, **50** (6): 480-488.
54. Monty Meshram Madan, **Mridula Rajesh**, K. M. Rajesh and Suyani Nitin Kanji, 2021. Sexual Maturity, Spawning Periodicity and Fecundity of Obtuse Barracuda *Sphyaena obtusata* (Cuvier, 1829) along Karnataka Coast, Southeastern Arabian Sea. Indian Journal of Animal Research, 55 (12): 1409-1415. DOI: 10.18805/IJAR.B-4505.
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## II. Books: 01

1. Nitin Suyani and **Mridula Rajesh** (2020). Artificial Reef - A modern approach. Published by Lambert Academic Publishing. ISBN/ ISSN Number 978-620-2-56417-5.

## III. Chapters in books: 05

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## IX. Training Manual

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## X. Poster presentation

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2. Rajesh, D. P., H. N. Anjanayappa, Suyani Nitin Kanji and **Mridula Rajesh**, 2019. Fish for good health.
3. **Mridula Rajesh**, A. S. Kumar Naik and P. Nayana, 2024. Conservation measure to be followed for sustainable marine fisheries.

4. **Mridula Rajesh, A. S. Kumar Naik and P. Nayana, 2024.** Satellite based fisheries forecasting in India.

### Extension activities

#### Radio talk

Sl. No.	Title	Recording Date	Broadcasting Date and Place
1.	Alternative income generating activities to the Fishermen during monsoon season.	07-08-2009	12-09-2009, Mangalore
2.	Integrated Fish Farming	30-08-2011	7-9-2011, Mangalore
3.	Inland Fish Culture	4-6-2012	28-6-2012, Mangalore
4.	Fish Seed Production	15-5-2013	23-5-2013, Mangalore
5.	Fisheries Management	25-9-2017	9-10-2017, Mangalore
6.	Fisheries and Mogaveera culture	21-8-2018	6-9-2018, Mangalore
7.	Effect of COVID 19 on the fisheries and livelihood of fishermen	15-10-2020	18-10-2020, Mangalore

### Participation in the Exhibitions/Krishi Melas/Matsya Melas

Sl. No.	Particulars	Date	Organizers
1.	National level Mathsyamela - 2016	3 days 29-01-2016 to 31-01-2016	KVAFSU, Bidar, Department of Fisheries, Govt. of Karnataka, NFDB, Hyderabad and KFDC, Mangaluru.
2.	Exhibition on Prime Minister's Fasal Bhima Yojana Scheme	1 day 13-04-2016	ICAR-KVK, Mangaluru
3.	Udupi Mathsyamela – 2017	1 day 05-03-2017	Department of Fisheries, Govt. of Karnataka.
4.	Sankalp Se Siddhi Programme	1 day 19-08-2017	ICAR-KVK, Mangaluru
5.	Matsyosthava and Kshrethosthava	1 day 21-7-2019	Dr Shivarama Karantha Pilikula Nisargadhama, Pilicula
6.	“Krishimela-2019”	2 days	Zonal Agricultural &

		19-10-2019 to 20-10-2019	Horticultural Research Station, Brahmavara
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**Undertaking:**

**The information furnished in this bio-data is true to best of my knowledge**



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