



Name: Dr. M. Madhavi  
 Qualification: M.Sc., M.Phil., B.Ed., Ph.D., SET  
 Designation : Assistant Professor  
 Years of Experience: UG: 7 PG: 7  
 Previous Experience: UG: 1 PG: 1  
 Area of Specialization: Aquaculture, Aquatic Biotechnology,  
 Animal Reproduction  
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## PROJECTS

S.no.	Title	Duration	Funding agency	Amount sanctioned ( in lakhs)
1	Formulation and evaluation of PLGA nanoparticle encapsulated recombinant viral nervous necrosis vaccine delivered to Asian Seabass ( <i>Lates calcarifer</i> ) through oral route	3 years (2022-2025)	SERB-DST (TARE)	Rs. 18,00,000
2.	Impact of bioencapsulated Mealworms ( <i>Tenebrio molitor</i> ) with herbal and mineral supplements for promoting growth, survival and immunomodulatory response of <i>Channa striatus</i> Fingerlings	1 year (2018-2019)	ECRIC	Rs. 10,000

## RESEARCH GUIDANCE

Ph.D Awarded	Nil
Ph.D Guiding	1
M.Phil Awarded	Nil
M.Phil Guiding	Nil

## ORGANIZING SECRETARY

S.no.	Organized	State/National/International	Topic	Date(s)
1	Workshop	National	Aquaculture Practices – A Solution for Food and Nutrition Security	09/01/2020 to 10/01/2020
2.	Annual Zoology Association	-	Microbiota	11/01/2022

## REVIEWER/EDITORIAL BOARD MEMBER

S.no.	MEMBER	Journal	Duration
1	Editorial Board Member	Indian Hydrobiology (UGC CARE)	From 2021 to Till date
2.	Reviewer	Aquaculture Research (Wiley Online Library)	October 2022
3.	Reviewer	Phytochemistry (Elsevier)	August, 2022
4.	Reviewer	Environmental Science and Pollution Research (Springer)	November, 2020

## MEMBERSHIP

S.No.	Details	State/National/International
1	Fisheries Technocrats Forum	National

## JOURNAL PUBLICATIONS

S.NO.	JOURNAL NAME	UGC/SCI/SCIE/WOS	ISBN / ISSN NUMBER	REFERENCE	DATE OF PUBLICATION /D OI
1.	Fish Physiology and Biochemistry (Springer)	Scopus	09201742	Madhavi*, M., Kailasam, M., & Stalin, P. (2022). Carotenoid composition in wildcaught spotted scat (Scatophagus argus) broodstocks: effects on gonad development. 1-19	2022/ <a href="https://doi.org/10.1007/s10695-022-01099-5">https://doi.org/10.1007/s10695-022-01099-5</a>
2.	Fish & Shellfish Immunology (ELSEVIER)	Scopus	1050-4648	Mohanasundari, L., Devi, G. B., Musthafa, M. S., & Madhavi, M. (2022). Effects of Illicium verum Hook. f.(Chinese herb) enriched diet on growth performance, immune response and disease resistance in Catla catla [Hamilton] fingerlings against Aeromonas hydrophila. 127, 455-462	2022/ <a href="https://doi.org/10.1016/j.fsi.2022.06.050">https://doi.org/10.1016/j.fsi.2022.06.050</a>
3.	Journal of Advanced Scientific Research	UGC CARE	0976-9595	Noornissabegum, M., Madhavi*, M., & Mohanasundari, L. (2022). "Influence of prey (Artemia nauplii) densitie on the survival, growth and feed consumption of Spotted scat Scatophagus argus larvae, an Indo-Pacific ornamental reared under controlled condition" 13(01), 221-226	2022/ <a href="https://doi.org/10.55218/JASR.202213125">https://doi.org/10.55218/JASR.202213125</a>
4.	Journal of Advanced Scientific Research	UGC CARE	0976-9595	Madhavi M., Noornissabegum M., & Rekha, V. (2022). "Oreochromis mossambicus treated with Tricyclazole(75%) fungicide: A study of acute toxicity and biochemical analysis". 13(01), 387-391.	2022/ <a href="https://doi.org/10.55218/JASR.202213147">https://doi.org/10.55218/JASR.202213147</a>
5.	Comparative Biochemistry and	Scopus	1095-6433	Johnsundar Kumar, Marckasagayam	2022/ <a href="https://doi.org/">https://doi.org/</a>

	Physiology, Part A <i>Elsevier</i> )			Priyadharshini, M. Madhavi, S. Subeena Begum, A. Jawahar Ali, Mohamed Saiyad Musthafa, Caterina Faggio, 2022. "Impact of Hygrophila auriculata supplementary diets on the growth, survival, biochemical and haematological parameters in fingerlings of freshwater fish <i>Cirrhinus mrigala</i> (Hamilton, 1822)". 263, 111097.	<a href="https://doi.org/10.1016/j.cbpa.2021.111097">10.1016/j.cbpa.2021.111097</a>
6.	Theriogenology <i>(Elsevier)</i>	Scopus	0093691X, 18793231	Madhavi, M., Kailasam, M., Subburaj, R., Thiagarajan, G., & Musthafa, M. S. (2022). Seasonal changes in the milt quality of spotted scat, <i>Scatophagus argus</i> : Implications for artificial propagation. <i>Theriogenology</i> , 177, 42-49.	2022/ <a href="https://doi.org/10.1016/j.theriogenology.2021.10.003">https://doi.org/10.1016/j.theriogenology.2021.10.003</a>
7.	Comparative biochemistry and physiology. Part A, Molecular & integrative physiology <i>(Elsevier)</i>	Scopus	15314332, 10956433	Kumar, J., Priyadharshini, M., Madhavi, M., Begum, S. S., Ali, A. J., Musthafa, M. S., & Faggio, C. (2021). Impact of <i>Hygrophila auriculata</i> supplementary diets on the growth, survival, biochemical and haematological parameters in fingerlings of freshwater fish <i>Cirrhinus mrigala</i> (Hamilton, 1822). <i>Comparative Biochemistry and Physiology Part A: Molecular &amp; Integrative Physiology</i> , 111097.	2021/ <a href="https://doi.org/10.1016/j.cbpa.2021.111097">https://doi.org/10.1016/j.cbpa.2021.111097</a>
8.	Animal Reproduction Science <i>(Elsevier)</i>	Scopus	<b>0378-4320</b>	M. Madhavi, M. Kailasam, D.L. Mohanlal, 2015. "Ultrastructure of sperm of the Spotted scat ( <i>Scatophagus argus</i> , Linnaeus, 1766) observed by scanning and transmission electron microscopy". 153, 69-75.	2015/ <a href="https://doi.org/10.1016/j.anireprosci.2014.12.008">https://doi.org/10.1016/j.anireprosci.2014.12.008</a>

## PUBLICATION IN PROCEEDINGS

1. International Conference : 1
2. National Seminar -1

## CONFERENCES ATTENDED / PRESENTED PAPER

S.no.	Organized by	State/National/ International	Participated/ Presented	Title	Date(s)
1	Ethiraj College for Women, Chennai	International	Presented	Changes in Biochemical composition of the Ovary, Liver and Muscle tissues of female Spotted scat <i>Scatophagus argus</i> in relation to maturation cycle	01/02/2018 to 02/02/2018.
2	Quaid-E-Millath Government College for Women, Chennai	International	Presented	Assessment of gonadal maturity and breeding season of wild caught brackishwater ornamental fish spotted scat <i>Scatophagus argus</i> (Linnaeus, 1766)	30/01/2020 to 31/01/2020
3	Sir Theagaraya College, Chennai	National	Presented	Changes in Biochemical compositions and Total Carotenoids of the Ovary, Liver and Muscle tissues of female Spotted scat <i>Scatophagus argus</i> in relation to maturation cycle"	06/02/2020 to 07/02/2020

## FDP/STTP

S.no.	Organized by	State/National/ International	Topic	Date(s)
1.	Teaching Learning Centre, Ramanujan College University of Delhi Under The Aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers And Teaching	National	Managing Online Classes and Co-creating MOOCs	20/04/2020 to 06/05/2020
2.	Department of Biochemistry, Auxilium College (Autonomous), Vellore, In Association with Spoken Tutorial, IIT Bombay	National	Cell Designer	25/05/2020 to 31/05/2020
3.	Teaching Learning Centre, Ramanujan College University of Delhi Under The Aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers And Teaching	National	Advanced Research Methodology 2.0	17/06/2021 to 01/07/2021

## WEBINARS [National/International]

S.no.	Organized by	State/National/ International	Topic	Date(s)
1	Auxilium College, Vellore	State	Sustainable Living – The Way Forward for Earth’s Sake	29/10/2020

### RESOURCE PERSON

S.no.	Organized by	State/National/ International	Topic	Date(s)
1	Blue Cross Club, Don Bosco College, Tirupattur.	State	Medical Wastage Disposal	2022

### AWARD

- Dr. A.P.J. Abdul Kalam Teaching Excellence Award Honoured by Rotary Club on Teachers day Celebration 2022.