

Biodata

Name : Dr. S. Kesavan

Designation : Assistant Professor

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Qualification : Doctor of Philosophy (Ph.D.)

Field of specialization : Fisheries Resource Management

Major : Marine Fisheries and Resources & Marine Debris Management

Specialized field : Marine Resource Management, By-catch, Responsible Fishing and Marine Debris Pollution

Experience : 4 years

Projects : 2

Sl. No.	Title of the Project	Duration	Budget (in lakh)	Funding Agency	Remarks
1.	Assessment of molluscan diversity and debris abundance in Point Calimere Wetland	1 year	0.10	TNJFU-URP	Completed
2.	Assessment of microplastics and debris abundance in Point Calimere wetland and Muthupet mangrove ecosystems	2 years	1.70	TNJFU-JTRF	Completed

Research publications

1. **Kesavan. S,** Xavier, K.M., Shivakrishna, A., Bhutia, T.P., Kamat, S. and Shenoy, L., 2021. Abundance, composition and sources of marine debris trawled-up in the fishing grounds along the north-east Arabian coast. Science of The Total Environment, 751, p.141771. https://doi.org/10.1016/j.scitotenv.2020.141771. **(NAAS: 12.55)**

2. **Kesavan, S.,** Xavier, K.M., Deshmukhe, G., Jaiswar, A.K., Bhusan, S. and Sukla, S.P., 2021. Anthropogenic pressure on mangrove ecosystems: Quantification and source identification of surficial and trapped debris. Science of The Total Environment, p.148677. https://doi.org/10.1016/j.scitotenv.2021.148677 . (**NAAS: 12.55)**

3. **Kesavan, S.,** Jayakumar, N., Santhoshkumar, S., Subburaj, A. and Balasundari, S., 2024. Dynamics of marine debris in the point calimere wildlife and bird sanctuary wetland, southeastern coast of India. Ocean & Coastal Management, 251, p.107097. (**NAAS: 10.60).** https://doi.org/10.1016/j.ocecoaman.2024.107097

4. **Kesavan, S**., Xavier, K.M., Nair, M.M., Gurjar, U.R., Sukla, S.P., Jaiswar, A.K., Bhusan, S., Azeez, S.A. and Deshmukhe, G., 2025. Assessment of secondary microplastics trapped in mangrove ecosystem of a highly populated tropical megacity, India. Journal of Hazardous Materials Advances, 17, p.100587. **(Impact Factor: 5.5)** https://doi.org/10.1016/j.hazadv.2024.100587

5. **Kesavan, S.,** Jenishma, J.S., Nirmal, T., Kamath, S.S., Xavier, K.M., Bhutia, T.P. and Shenoy, L., 2019. Length-weight relationship of three stomatopod species from the Mumbai coast, India. Crustaceana, 92(9), pp.1141-1149. https://doi.org/10.1163/15685403-00003931. **(NAAS: 6.76)**

6. Kiruba-Sankar, R., **Selvam, Kesavan***., Adamala, S., Saravanan, K., Eswaran, Y., Raj, J.P., Soratur, A. and Ram, M., 2025. First assessment of anthropogenic marine debris (AMD) in the mangroves of Andaman and Nicobar archipelago, Bay of Bengal. Regional Studies in Marine Science, 83, p.104091. https://doi.org/10.1016/j.rsma.2025.104091 **(NAAS: 8.12).**

7. Kiruba-Sankar, R., Saravanan, K., Adamala, **S., Selvam**, K., Kumar, K.L. and Praveenraj, J., 2023. First report of marine debris in Car Nicobar, a remote oceanic Island in the Nicobar archipelago, Bay of Bengal. Regional Studies in Marine Science, 61, p.102845. **(NAAS: 8.12)**

8. Harini, R., Amrita, M., Manimehalai, N., **Selvam, Kesavan**., & Ramesh, P. (2024). Development of Android-Based Mobile Application for Calculating F- Value in Pasteurized Crab Meat. Journal of Aquatic Food Product Technology, 1–11. https://doi.org/10.1080/10498850.2024.2371804. NAAS: 7.60.

9. Shivakrishna, A., Ramteke, K.K., **Kesavan, S**., Prasad, P., Naidu, B.C., Dhanya, M. and Abidi, Z.J., 2021. Monitoring of current land use pattern of Ramsar designated Kolleru Wetland, India using geospatial technologies. Journal of Environmental Biology. DOI: http://doi.org/10.22438/jeb/42/1/MRN-1404. **(NAAS:6.56)**

10. Bhutia, T.P., Yadav, V.K., Qureshi, N.W. and **Kesavan, S**., 2021. Fish of Choice-An Analytical Hierarchy Process to Determine Fish Consumption in West Bengal. Indian Journal of Economics and Development, 17(3), pp.693-699. **(NAAS: 6.20)**

Honours and Awards:

1. Awarded **ICAR-JRF** (Junior Research Fellow) fellowship for pursuing Post-graduation in Fisheries Resource Management and Institutional fellowship for pursuing Doctor of Philosophy in Fisheries Resource Management at ICAR-CIFE, Mumbai through All India Competitive Exam-ICAR for the academic year 2016-18 and 2018-21 respectively.

2. **India's Best 100 PhD Science Stories of 2022:** Recognized for the "Augmenting Writing Skills for Articulating Research" (AWSAR 2022) by the Department of Science and Technology (DST).

3. Awarded **Best Awareness Video** on Marine Debris in "National Conference on Marine debris- CoMaD-2018" organized by The Marine Biological Association of India.

(Up to October, 2025)