

Individual Biodata

Name :K.Karuppasamy

Designation : Assistant Professor

Address :K.Karuppasamy
S/O M.Karuthappandian
Flot/3/ 103/Ayan Kudil,
Sinnamani Nagar 5th Street,
Thoothukudi-628 008

Contact :

Mobile :8825634995/9043212124
Email :karuppasamy@tnfu.ac.in/karuppasamymfsc@gmail.com

Qualification :M.F.Sc.,

Research Profile:
https://scholar.google.com/citations?user=rOaz1cEAAAAJ&hl=en
https://www.researchgate.net/profile/Karuppasamy-Kk/research

Field of Specialization : Fisheries Resource Management

Major Integrated Taxonomy of Fishes, Assessment of Biodiversity, Stock Assessment, Fish Biology and Citizen Science-Ecosystem Services.

Specializing field :

I am Engaged in specific projects on marine biodiversity & conservation management, reproductive biology and seasonal spawning of marine fishes and data-poor fish stock assessment and resource mapping; Carried out biodiversity analysis of marine fishes through integrated taxonomical studies in Coromandel Coast of Tamil Nadu, Coringa Mangroves, Palk Bay& Gulf of Mannar and Wadge Bank. My current research interests are Diversity, population dynamics and stock assessment, diet and reproductive studies of Coral reef-associated marine fauna, life-history stages of fishes and the impact of climate changes on marine biodiversity.

Experience (in years) : Four years and three months

Current projects : (Please provide max 5)- Four

Title of the Project (Year)	Funding Agency	Budget Outlay (Lakhs)	PI/Co-PI	Status
Studies of Taxonomic evalution and stock assessment of Marine Clupeiformes fishes (Family: Clupeidae and Engraulidae) employing traditional and molecular tools along Coromandel coast Tamil Nadu, Southeast coast of India"	**TNJFU-JTRF**	**2.0 Lakhs**	**PI**	**Ongoing**
"A study of Ichthyofaunal diversity along the Chennai Coast of Bay of Bengal Region" **2022-2023**	**URP-TNJFU**	-	**PI**	**Completed**
"Assessment of spawning seasonality of major marine fishery groups along the coast of Tamil Nadu for sustainable fishery management" **2022 to 2024**	**TANII** Govt of Tamil Nadu	**146.80**	**Co-PI**	**Ongoing**
"Study on the assessment of fishery resources and its productivity to assess the ecosyste m services in the critical ecosystem along East Coast of India" - **2022 to 2024**.	**NCCR-GIA** Ministry of Earth and Science	**123.91**	**Co-PI**	**Ongoing**

Research publications (Max:15**)**

1) **Karuppasamy.K**, P. Jawahar, S. David Kingston, V.K.Venkataramani and V.Vidhya. Elasmobranch diversity, conservation and management along Wadge Bank, South India. Indian Journal of Animal Research. DOI: 10.18805/ijar.B-3778, Pages 1-6.**NAAS :6.20**
2) **Karuppasamy.K**, P. Jawahar, S. David Kingston, V.K.Venkataramani and V.Vidhya. Demographic characters and stock assessment of Pink ear emperor, *Lethrinus lentjan* (Lacepède, 1802) from the Wadge Bank, South India. Journal of Marine Biological Association of India, DOI: 10.6024/jmbai.2018.60.2.2079-0x.**NAAS :5.20**
3) **Karuppasamy, K**., Jawahar, P., Kathirvelpandian, A. et al. New Distributional Record of Oblique-barred Monocle Bream *Scolopsis xenochrous*, Günther, 1872 (Perciformes: Nemipteridae) from Wadge Bank of Southeastern Arabian Sea. Thalassas 36, 517–523 (2020). https://doi.org/10.1007/s41208-020-00219-7. **NAAS Rating – 6.65**
4) **Karuppasamy, K**., Ranjith, L., Sureandiran, B. et al. First Record of Spotwing Flying Gunard, *Dactyloptena macracantha* (Bleeker, 1854) (Dactylopteriformes; Dactylopteridae) from Indian coastal waters. Thalassas (2022). doi.org/10.1007/s41208-021-00374-5. **NAAS Rating – 6.62.**
5) **Karuppasamy, K**., Sureandiran, B., Vidhya, V. et al. New Distributional Record of Rhinoceros Leatherjacket, *Pseudalutarius nasicornis* (Teminck Schlegel, 1850)(Tetraodontiformes: Monacanthidae) From Arabian Coast. Natl. Acad. Sci. Lett. (2024).https://doi.org/10.1007/s40009-023-01389-7.**NAAS-7.20**
6) **Karuppasamy, K**., Davidkingston, S., Jawahar, P. et al. New record of the starry flyinggurnard, *Dactyloptena peterseni* (Scorpaeniformes; Dactylopteridae); from Wadge Bank,Southwest coast of India. Natl. Acad. Sci. Lett. 42, 209–213 (2019).https://doi.org/10.1007/s40009-018-0726-y.**NAAS-7.20**
7) Sureandiran, B., Dave, T.H., Solanki, J.B., **Karuppasamy, K**., Suyani, K.,2024. First record of Sand crab, *Jonas kalpakkamensis* Barathkumar, Das & Satpathy, 2016 (Decapoda: Brachyura: Corystidae) from the Western Indian Ocean with a key to the genus Jonas, Journal of the Marine Biological Association of the United Kingdom.**NAAS-7.10.**
8) Sureandiran, B., Dave, T.H., Suyani, K., **Karuppasamy, K**.,2024. First record of goneplacid crab, *Carcinoplax haswelli* (Decapoda: Brachyura: Goneplacidae) from the Indian Ocean, *Journal of the Marine Biological Association of the United Kingdom.* **NAAS-7.10**
9) Sureandiran, B., Dave, T. H., Solanki, J.B., **Karuppasamy, K**., Vidhya, V., Suyani, K.,2024. First record of the three-spined box crab, *Arcania undecimspinosa* de haan, 1841 (Decapoda, Brachyura, leucosiidae) from the Arabian Sea, with a key to the

Research publications (Max:15**)**

species of Arcania recorded from the Indian coast. CRUSTACEANA. **NAAS-6.70.**

10) Sureandiran, B., Suyani, K., Dave, T.H., **Karuppasamy, K**.,2025. First report on morphometrics, length-weight relationship and relative condition factor of *Solenocera hextii* Wood-Mason & Alcock, 1891 from Indian waters, *Regional Studies in Marine Science*. https://doi.org/10.1016/j.rsma.2025.104022. **NAAS-8.20.**
11) Sureandiran, B., **Karuppasamy, K**., Mahadevan, G., Suyani, K., 2024. A record of the ocellated shrimp goby, Tomiyamichthys russus (Cantor, 1849) (Gobiiformes: Gobiidae) from peninsular India, Journal of the Marine Biological Association of the United Kingdom, Volume 104 , 2024 , e109 DOI: https://doi.org/10.1017/S0025315424001024. **NAAS-7.10.**
12) Kishorekumar, M., Jayakumar, N., Jawahar, P., Neethiselvan, N., Padmavathy,P., **Karuppasamy, K**., Sudhan, C, Sanjay Chandravanshi., 2024. Length–Weight Relationship of Nine Elasmobranch Species Landed along the South Tamil Nadu Coast, India, *Journal of Coastal Research 40 6 1160–1165 Charlotte, North Carolina November 2024.***NAAS-6.00**
13) Sureandiran, B., **Karuppasamy, K**., Suyani, K., 2024. *Phalangipus somnathensis* sp. Nov. (Decapoda, brachyura, Epialtidae) a new species of spider crab from India, Arabian sea, with a key to the species of phalangipus Latreille, 1828, CRUSTACEANA.-**NAAS-6.70**
14) Sureandiran, B., **Karuppasamy, K.,** Suyani, K., Shivani Tandel.,2024. Range Extension of Ablabys Macracanthus (Bleeker, 1852; Perciformes; Tetrarogidae) from the West Coast of India, Northern Arabian Sea, Natl. Acad. Sci. Lett. (2024).**NAAS-7.20**
15) Hari Prasad Mohale· P. Jawahar · N. Jayakumar · **K. Karuppasamy** · Swapni Ananda Narsale · Rishikesh Venkatrao Kadam · Shrinath Vaijanath Gavhane (2025)Fishery, Biology, and Dynamics of the *Metapenaeopsis andamanensis* (Wood-Mason, 1891) from the Southeast Coast of Tamil Nadu, Thalassas: An International Journal of Marine Sciences (2025) 41:94 https://doi.org/10.1007/s41208-025-00853-z- **NAAS-6.50**

Citation Profile:

h-index	**i10 index**	**Citations (past 5 years)**	**Citations (overall)**
5	1	93	100

Honours and Awards
(Including patents)

1. Awarded " **Young Researcher Award"** from Institute of Scholars, Bengaluru.

Members in Professional bodies:

- Life membership of Journal of Fisheries and Life Sciences by **Society of Fisheries and Life Sciences**, College of Fisheries, Mangaluru – 575 002, Karnataka, India.

- Annual membership of by **Society of Fisheris and Life Sciences**, ICAR - Central Inland Fisheries Research Institute, Kolkata - 700 120, West Bengal, India. **Editor** in the ***Journal of Research in Ecology*** (JRE) for the academic year 2019-2022.
- Annual Member of Inland **Fisheries Society of India** by ICAR-Central Inland Fisheries Research Institute, Kolkata, India.
- Life Member of the **Society of Agrometeorology** by Anand Agricultural University, Anand 388 110, Gujarat, INDIA.
- Annual Member of The Crustacean Society (TCS) by the Journal of Crustacean Biology-Member ID: 351188.
- Collaborator with Fishbase organization, Member Id No 225.

Academic and Research achievements:

I am Karuppasamy. I completed my graduation and post-graduation at Fisheries College and Research Institute, Thoothukudi. I am doing a Ph.D. as an in-service candidate at FCRI, Thoothukudi. I worked as senior research fellow at the ICAR-CMFRI (NICRA) project for two years. Furthermore, I have experience in the industry and teaching fields for seven years. I have published 52 research papers in national and international journals. I also published 25 abstracts in various national and international conferences. I am doing three research projects as Principal Investigator-1 and Co-Principal Investigator-2. Further, I served as an editorial member in various journals like Springer Nature, Elsevier, Publons, Indian Journal of Marine Science, and Indian Journal of Animal Research. I served as a collaborator with the FishBase Organization, Life member in the Inland Fisheries Society of India, the Society of Agrogeometerology, and The Crustacean Society (TCS) by the Journal of Crustacean Biology. I am currently conducting research on ecosystem services, biodiversity, stock assessment, molecular taxonomy, fish diet, and the reproductive biology of Coral reef associated fishes.

COMPUTER AND SOFTWARE PROFICIENCY/SKILL

- Comfortable with **Microsoft Office**
- Knowledge of Biodiversity and Stock Assessment Software like (**PRIMER, FiSAT AND CMSY**).
- **ECOPATH AND ECOSIM**
- **"R" commander**
- Knowledge of GIS and Remote sensing **(QGis)**
- **GAM** Climatic Modeling.

Yours faithfully

K. Karuppasamy