Individual Bio-data



Name	:	Dr. R. Durairaja, Ph.D.,
Designation	:	Assistant Professor (stage 2.)
Address	:	1 / 2B / 51, Madathur Road, P & T Colony, 3rd Mile, Thoothukudi – 628 008
Email	:	durairaja@tnfu.ac.in
Mobile No		8438392033; 6382801807
Education Qualification	:	M.F.Sc., Ph.D.,
Field of Specialization	:	Fisheries Biology and Resource Management
Major	:	Fisheries Biology and Resource Management
Specialized Field	:	Fish growth studies, aquatic biodiversity and fish stock assessment; studies in issues pertinent to small scale fishermen'; sustainable crab fishery in the Palk Bay region by implementing Fishery Improvement Programme.
Experience (in years)	:	Ten Years Completed

I) Academic Qualifications

Sl. No	Degree	Year of completion	Subject	University	% of the Marks
1.	Ph.D.	2023	Fisheries Resource Management	Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam, Tamil Nadu	83
2.	M.F.Sc.	2015	Fisheries Biology and Resource	West Bengal University of Animal and Fisheries sciences, Kolkata, West Bengal	86

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3.	B.F.Sc.	2002	Fisheries Science	Tamil Nadu Veterinary and Animal Sciences University, Chennai.	73

Profile:

I am, R. Durairaja is presently working as Assistant Professor in the Dept. of Fisheries Biology and Resource Management, Fisheries College and Research Institute, Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Thoothukudi District. Earlier, I have served for the period of three and half years from 27.04.2015 to 26.12.2018 as Assistant Professor in the Department of Fisheries Resource Management, Dr. M.G.R. FCRI, Ponneri, Thiruvallur District. I have been involving in teaching, research and extension activities which is relevant to fisheries resource management for the last ten years. I did my post-graduation (M.F.Sc) in Fisheries Biology and Resource Management in West Bengal University of Animal and Fishery Sciences, Kolkata during 2003 – 2005. Recently, I have completed my Ph.D degree in Fisheries Resource Management in Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam during 2018 – 2023 and my Ph.D dissertation work entitled "DISTRIBUTION, DIVERSITY AND STOCK ASSESSMENT OF FISHES IN POTAMON ZONE OF THAMIRABARANI RIVER, TAMIL NADU, SOUTH INDIA". I have been involved in research on growth study following feed restriction and feed deprivation protocol, biology of mullet, reproductive biology of scat and biodiversity and stock assessment of fishes in Pulicat Lake and Thamirabarani River. Further, I am being serving as a life time member in IFSI, CIFRI, Barrackpur and Agricultural Scientific Tamil Society (ASTS), New Delhi and had been a member of WAS. Further, I had been to Canada for the purpose of attending "The Dialogue on International Food Security" held at the University of Alberta in Edmonton in 2014 when I was working in MSSRF, Chennai. So far, I have served as PG guide for one PG student and SACs members for 6 PG and 1 Ph.D students. Presently, I am being served as PG guide for two PG students, one Ph.D student and SACs members for 2 PG and 2 Ph.D students. In addition, I have published 13 Research papers as author and co-author in National and International journals, one book chapter and two text books with its ISBN.

II). Completed projects and On-going Projects : Five completed + One TANII (2nd Instalment) is on-going

Sl. No.	Title of the Project	Year	PI & Co- PI of the Project	Funds (in Rs)	Funding Agency
1.	University Research project on "Biology of Mullet from Pulicat lake, Chennai" **- completed**	2016	PI	--	TNJFU
2.	University Research project on "Reproductive biology of the spotted scat *Scatophagus argus* (Linnaeus, 1766) from Tiruvallur and Chennai coast" **- completed**	2017	PI	--	TNJFU
3.	University Research project on "Comparative skeletal osteology of anchovies (*Stolephorus* sp)" off Thoothukudi coast" **- completed**	2019	PI	--	TNJFU
4.	Assessment of biodiversity and biomass of non-target fish species caught in bottom set gillnet fishery targeting blue swimming crab in Palk Bay region **- Completed**	2023 - 24	PI	4.0 lakh	Crab Meat Processors Association, Thoothukudi

5.	TANII - Assessment of spawning seasonality of major marine fishery groups along the coast of Tamil Nadu for sustainable fishery management **– On-going**	2022 - 23	Co-PI	146.80 lakh	DAHDF, Government of Tamil Nadu
6.	Assessment of *Portunus pelagicus* stock based on length-frequency, length based spawning potential ratio, size at first maturity and occurrence of berried female caught in bottom set gillnet from Palk Bay region **– Completed**	2023 - 24	Co-PI	5.0 lakh	Crab Meat Processors Association, Thoothukudi

III). Research Publications – 13 nos

1. **Durairaja, R**., Jawahar, P., Jayakumar, N., Sudhan, C., Das, S. D., Suresh, E., Santhakumar, R and Padmavathy, R. 2022. Stock Assessment of Three Cyprinid Fishes Along the Potamon Zone of Thamirabarani River, Eastern Slope of Western Ghats, South India. *Pakistan J. Zool., pp 1-11, 2022.* DOI: https://dx.doi.org/10.17582/journal.pjz/20220718070700 **NAAS 6.60**
2. **Durairaja, R**., Jawahar, P., Jayakumar, N., Das, S.K., Padmavathy, P., Santhakumar, R., Suresh, E., Kingston, S.D. and Venkataramani, V.K. (2022). An Annotated Checklist of Ichthyofaunal Diversity of the Potamon Zone of Thamirabarani River, South India. Indian Journal of Animal Research. DOI: 10.18805/IJAR.B-4891. **NAAS 6.50**
3. V.V. Lakshmi, N. Jayakumar, A. Uma, D. Manikandavelu, **R. Durairaja**, P.Ruby, Hemamalini. 2023. Comparative study of season-based haematology of *Mugil cephalus* and *Sillago sihama* from Ennore Creek, Southeast coast, India. *Indian Journal of Animal Research* **NAAS 6.50**

4. Lakshmi,V.V., Jayakumar, N., Sudhan,C., Hari Prasad Mohale., Ruby,P., **Durairaja, R**.,2024. *Biodiversity and abundance of various fish species of the Ennore Creek Tamil Nadu, India, Indian Journal of Animal Research* **NAAS 6.50**
5. Adyasha, S.,Venkatramani, V.K., Jayakumar, N., **Durairaja, R**., Preetysh Nanda, P., Sudhan, C. 2023. Carapace Length- Weight, Width-Weight Relationship and Relative Condition Factor of Four Portunid Crab Species of the Gulf of Mannar, Southeast Coast of India. *Pakistan J. Zool.* **NAAS 6.60**
6. Preetysh Nanda, P., Venkataramani, V.K., Jayakumar, N., **Durairaja, R**., Adyasha, S and Sudhan, C. 2023. Resolving Species Delineation of Four Portunid Crab Species of the Gulf of Mannar using Truss Morphometry. *Pakistan J. Zool., pp*. **NAAS 6.60**
7. Kodeeswaran P, Jayakumar N, SriHari M, **Durairaja R**, Praveenraj J, Abarna K and Moulitharan N. 2020. Length-weight relationship of seven by-catch fish species caught along the Chennai coast, Bay of Bengal, Eastern Indian Ocean. *J ApplIchthyol*, 1 -3 pp – **NAAS 6.90**
8. Sanjay Chandravanshi., Jayakumar,N., **Durairaja, R**., Aanand,S., Suresh, E., Sudhan,C., Kishore Kumar, M., Mahesh Chand Sonwal., Adyasha Sahu.,2024. Length-Weight Relationships and Condition Factor of 15 Coastal Fish Species (Family: Lethrinidae) of the Gulf of Mannar, Southeast Coast of India, Thalassas: An International Journal of Marine Sciences. - **NAAS 6.70**
9. Chandravanshi, S., Jayakumar, N., **Durairaja, R**., Aanand, S., Suresh, E., Sudhan, C., Kashyap, N., Narsale, S.A., 2024. Feeding Aspects and Reproductive Biology of Smalltooth Emperor, *Lethrinus microdon* (Valenciennes, 1830) in the Gulf of Mannar along the Indian Southeast Coast, *Indian Journal of Animal Research. 1-10. doi: 10.18805/IJAR.B-5381.* **NAAS 6.50**
10. Sharumathi, M., Jayakumar, N., **Durairaja, R**., Kalaiarasan, M., Ranjith, L., Joyson Paul, J.,, Sanjay, C., Kishore Kumar, M., Adyasha Sahu., Sudhan, C.,2025.Length–weight relationships and Relative condition factors of 15 lutjanid fish species of the Gulf of Mannar, Southeast coast of India, Thalassas: An International Journal of Marine Sciences (2025) 41:35 https://doi.org/10.1007/s41208-024-00789-w **NAAS 6.70**

11. Mariappan Balaganesan., Seerappalli Aran Shanmugam., Deepak Agarwal., **Ramulu Durairaja**., Rajagopal Ramya., Agneeswaran Rathipriya.,Eswaran Suresh.,2025. Fish species Inventory in the Rhithron Zone of the Thamirabarani River, Western Ghats, South India, *Pakistan Journal of Zool*., pp 1 – 11, 2025. **NAAS 6.60**
12. Joyson Paul, J., **Durairaja, R**., Jayakumar, N., Venkataramani, V.K., Ravikumar,R., Sharumathi,M., Kishore Kumar, M., Sanjay Chandravanshi., Adyasha Sahu., Sudhan, C.,2025. Length-weight relationship and relative condition factor of 20 carangid fish species from the Gulf of Mannar, Southeast coast of India. *Thalassas: An International Journal of Marine Sciences* (41-89) **NAAS 6.70**
13. Sharumathi, M., Jayakumar, N., **Durairaja, R**., Joyson Paul, J., Sudhan, C., Kalaiarasan, M., Ranjith, L., 2025. Spatio-temporal variations in the diversity and occurrence of lutjanid fsh species (Family: Lutjanidae) of the Gulf of Mannar, Southeast coast of India. *Marine Biodiversity*, 55:40. https://doi.org/10.1007/s12526-025-01528-x **NAAS 7.50**

V). Honours and Awards : 2

(Including patents)

1. Recipient of ICAR – JRF for doing PG in FBRM in 2003
2. Best seminar presentation – 2nd Prize from Tamil Nadu State Council for Science and Technology in 2002

Members in Professional bodies: 2

1. Life time member in Inland Fisheries Society of India
2. Member in Agricultural Scientific Tamil Society (ASTS)

Yours faithfully



R. Durairaja

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