

Individual Bio data	
Name	: R.Velmurugan
Designation	: Assistant Professor & Head
	Department of Fishing Technology and
	Fisheries Engineering.
Address	: Dr. MGR. Fisheries College and Research
	Institute, Ponneri – 601 204.
Contact details	
Telephone (O)	:
Telephone (R)	:
Mobile	: 7667662409
Email	: rvelmurugan@tnfu.ac.in
	vels.fishcos@gmail.com
Qualification	: M.F.Sc
Field of Specialization	: Fishing Technology and Fisheries Engineering
Major	: Fisheries Engineering and Technology
Specializing field	: Fishing Gear Technology
Experience (in years)	: 7 years
Current projects	:

Sl. No.	Title of the Project	Year	PI & Co- PI of the Project	Funds (in lakh)	Funding Agency
1	Artificial Coral Reef (ACR) and Fish Aggregating Artificial Reef (FAAR) to Enhance Biodiversity near Pulicat Lake and to Develop Entrepreneurship through Cage Farming	2019-22	Dr.D.Manikandavelu Mrs.S.Aruna **Mr.R.Velmurugan** Mr.P.Velmurugan Mr.P.Pavinkumar	430.66	TANII
2	Empowerment of Artisanal Fisherfolk of Pazhaverkadu Area through Mudcrab Culture Technology	2023-2025	Dr.P.Chidambarm Dr.Cherl Antony Dr. Selvaraj **Mr.R.Velmurugan** Dr.I.Surulivel	116.00	PMMSY
3	Design and development of troller	2023-2025	Dr.T.Ravikumar Mr.M.Kalaiarasan	39.9	TANII

	for exploitation of high value pelagic fishes from Thoothukudi Coast		**Mr.R.Velmurugan** Mr.S.Mariappan Mr.S.Durai		

Completed projects : 1

Sl.No.	Title of the Project	Year	PI & Co- PI of the Project	Funds (in Rs)	Funding Agency
1	Establishment of Fisheries Training Institute, Mandapam, Ramanathapuram.	1 Year	Co-PI	450 Lakh	NADP
2	Development and Evaluation of combined gill net with longline for pelagic fishery for traditional fishermen of Pulicat region of Coromandel coast.	2019-20	Mr.R.Velmurugan Assistant Professor	1.0	URP -TNJFU

Research publications (max – 10) :
(You may provide your recent best publications)

National Research Publications:

1. **R. Velmurugan,** N. Neethiselvan, B.Sundaramoorthy, Paulraj Jawahar, Xavier P Rayan, Muthupandi Kalaiarasan and Kalidoss Radhakrishnan. 2019. Design of a Mini-trawl and its Operational Performance in Thirumoorthy Reservoir, India. Fishery Technology,56 (2019): 23-28.
2. RavikumarT., Neethiselvan N., **Velmurugan R.,**Manojkumar and Sundramoorthy B., 2015. Gill net selectivity and fishing pressure on *Sardinellagibbosa*(Bleeker, 1849) off southeast coast of India. Fishery Technology. 52 **(2),** pp. 80 – 87.
3. Kalaiarasan M., Neethiselvan N., Sundramoorthy B., Shanmugam S.A., Xavier P. Rayan and **R. Velmurugan.** 2014. Studies on the traditional trap fishery of Keelakarai Coast. Journal of Experimental Zoology. 17 **(1)**, pp. 265 – 271.
4. Muthupandi Kalaiarasan, V. Lakshme Gayathre, S. Mariappan, **Ragavan Velmurugan**, S. Felix, S. Balasundari, C. Lloyd Crispin and Kalidoss

Radhakrishnan., 2020. Comparative catching efficiency of traditional prawn fishing gears in Pulicat lake of Tamil Nadu, India. Indian Journal of Geo Marine Sciences Vol. 49 (02), February 2020, pp. 303-310.

International Research Publications:

1. **VelmuruganR.,** Neethiselvan N., SundramoorthyB., Xavier P. Rayan., KalidossRadhakrishnan and M. Kalaiarasan. 2016. Gill net selectivity and fishing pressure on Indian Major Carp in Thirumoorthy Reservoir, Tami Nadu. Journal of Current World Environment. 11**(2),** pp. 554 -559.
2. KalidossRadhakrishnan., Tesfom MA., AmaliInfantina J., Krishnan M and **R. Velmurugan.** 2016. Marine fisheries growth, performance and institutional arrangements in Tamil Nadu. International Journal of Fisheries and Aquatic Studies. 4 (5), pp. 342 – 346.
3. KalidossRadhakrishnan., MuthupandiKalaiarasan., Madhan MS., AnandhPN.,Umamaheswari T and **R. Velmurugan.** 2016. Economic analysis of Hook and Line Fishery in Kombuthurai Coast, Tami Nadu. Journal of Current World Environment. 11**(3),** pp. 926 -933.

Technical article

1. R. Balaji, P. Yuvarajan, **R. Velmurugan** and B. Ramji (2019). Impact of Mangrove deforestation and its conservation *Aquaculture star*. Page: 38-40.
2. Mariappan. S, **R. Velmurugan** and B. Ahilan. Artificial bait development for line fishing- A need and importance". Aquastar magazine.58-50-May-2020.
3. Mariappan. S, **R. Velmurugan** and B. Ahilan*.* Natural herbs as an alternative treatment for fish diseases. Biotica research today. *(2)1022-1025.,2020.*
4. Mariappan. S, **R. Velmurugan** and B. Ahilan*.* Aquatic biodiesel-An Overview. *Aquaculture spectrum.* 38-40. Vol. 3/ Issue11/ 2020.
5. Srinath R., S. Mariapan and **R.Velmurugan.** "Trawl Net – Ecological Consequences and Abatement Measures" AgriCos e -Newsletter (ISSN:2582-7049, Vol.02, Issue.05, May 2021.82-85).

Extension articles

1. **uh.ntšKUf‹** k‰W« J.RFkh®., (2018) ghu«gça Û‹Ão glF¡fS¡fhd flš ghJfh¥ò têKiwfŸ. Û‹tsr;Rlh;.

Books

Sl. No.	Author(s)	Title	Year	Publisher
1	M.Kalaiarasan, **R.Velmurugan,** S.Mariappan, B.Ahilan and S. Felix	Text book on Fishing Gear Technology (ISBN: 9789388668873)	2019	Narendra Publishing House, New Delhi
2	M.Kalaiarasan, **R.Velmurugan,** S.Mariappan, B.Ahilan and S. Felix	Text Book of Fishing Craft Technology (ISBN: 9789388668897)	2019	Narendra Publishing House, New Delhi