Curriculum Vitae

Name : D.Arun Jenish

Designation : Assistant professor

Address : Dr.M.G.R Fisheries College and Research Institute, Ponneri, Thiruvallur district-04

Contact

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Qualification : M.F.Sc

Field of Specialization : Fisheries Engineering and Technology

Major : Fishing Technology and Fisheries Engineering

Specializing field : Responsible fishing, Sustainable fisheries, Deep sea fishing technology, Fuel Budget Study

Experience (in years) : 3.5

Current projects :

Sl.No.	Title of the Project	Year	PI & Co- PI of the Project	Funds (in Rs)	Funding Agency
1	Analysis carbon emission level of selected Motorized Fishing Vessels operated from identified Fishing villages of Pulicat coast	2021	PI	Rs. 10,000/-	URP-TNJFU
2	Artificial Coral Reef / Live Rock (ACR / LR) and Fish Aggregating Artificial Reef (FAAR) to Enhance Fish Diversity and Biomass in the Sea Near Pulicat Lake Towards Fishing Pressure Reduction and Livelihood Improvement of Fisherfolk in the Lake Region	2020-2023	Co-PI	430.66/- Lakh	TANII

Research publications :

1) **Arunjenish.D**, Neethiselvan.N, Sundaramoorthy.B, Jawahar.P. (2017). Comparative efficiency of fish trap with different funnel designs. Indian Journal of Fisheries. 64(4). DOI:10.21077/ijf.2017.64.4.72073-17.

2) **D Arunjenish,** N Neethiselvan, B Sundaramoorthy, P Jawahar, TRavikumar. (2018). Analysis on the catching efficiency of Oval shaped funnel in fish traps at two different rear end funnel openings. Journal of Experimental Zoology, India

3) **Arunjenish.D**, Neethiselvan.N, Sundaramoorthy.B, Jawahar.P and Masilan. K (2019) Comparative performance of serial collapsible fish trap using different funnel designs International Journal of Current Microbiology and Applied Sciences. 8(8): 20-29. https://doi.org/10.20546/ijcmas.2019.808.004

4) **D. Arun Jenish**, S. AbuthagirIburahim, UlaganathanArisekar, P. Seenivasan, K. Masilan, M. Srihari and R. Velmurugan. (2024).Carbon footprint and associated environmental impacts of fisheries on the Pulicat region, Southern India: A preliminary study. Regional Studies in Marine Science 73 (2024) 103478. DOI:https://doi.org/10.1016/j.rsma.2024.103478

5) Shajeeva,J,A., Neethiselvan,N., Sundaramoorthy,B. Masilan,K, Rajkumar.M., **Arunjenish,D**., Ravikumar,T., Baiju,M., (2017) Carbon emission due to excess fuel consumption by the trawlers of Thoothukudi, Southeast Coast of India. Carbon management.VOL. 8, NOS. 5–6, 393–398. https://doi.org/10.1080/17583004.2017.1386534

6) Shajeeva,J,A., Neethiselvan,N., Sundaramoorthy,B., Masilan,K. ,Rajkumar.M., **Arunjenish,D.,**Ravikumar,T. (2017). optimization of engine power for rational fishing by the trawlers of thoothukudi, south east coast of Tamilnadu. J. Exp. Zool. India.,Vol. 20, No. 2, pp. 697-700.

7) Neethiselvan,N., Manojkumar.,**ArunJenish,D**.,Masilan,K.,Ravikumar,T(2017). Gill net selectivity and enmeshing pattern of Alectis indicus, Ruppell, 1830 in big meshed gill nets of Thhoothukudi, J. Exp. Zool. India 2:20, pp. 689-696.

Honours and Awards

1) University appreciation award for published Research article above NAAS 6 as author (**Arunjenish.D**, Neethiselvan.N, Sundaramoorthy.B, Jawahar.P. (2017)Comparative efficiency of fish trap with different funnel designs. Indian Journal of Fisheries)

2) University appreciation award for published Research article above NAAS 6 as co-author (Shajeeva,J,A., Neethiselvan,N., Sundaramoorthy,B. Masilan,K, Rajkumar.M., **Arunjenish,D**., Ravikumar,T., Baiju,M., (2017) Carbon emission due to excess fuel consumption by the trawlers of Thoothukudi, Southeast Coast of India. Carbon management)

Technical Articles:

1. **D.Arun Jenish** and R.Velmurugan (2022).An Overview of Fish Aggregating Devices and Their Uses in the Fishing Industry. Biotica Research Today. Vol: 4:8. Pg:583-587.

2. **D.Arun Jenish** and R.Velmurugan (2022). The Role of Indian National Center for Ocean Information Services (INCOIS) in Fishing Industry through Remote Sensing. Biotica Research Today. Vol: 4:5. Pg:322-325.

Books Published:

1. **D.Arun Jenish** and S. AbuthagirIburagim (2023) Responsible Fishing towards Sustainable Fisheries. Narendra Publishing House. Pages: 245. ISBN: 978-93-56510-13-5.

Abstract published:

D. Arun Jenish*, Dr. B. Sundaramoorthy, Dr. N. Neethiselvan, Dr. P. Jawahar and Th. T. Ravikumar. 2021., Evolving Serial Collapsible Fish Trap With Upgraded Materials and Funnel Designs. 4th international conference of Global approaches in Natural Resource management for climate Smart Agriculture (GNRSA-2020). Pg: 469

D. Arun Jenish*, Dr. B. Sundaramoorthy, Dr. N. Neethiselvan, Dr. P. Jawahar and Th. T. Ravikumar. 2021., Comparative Efficiency of Fish Trap With Different Funnel Designs. 4th international conference of Global approaches in Natural Resource management for climate Smart Agriculture (GNRSA-2020).Pg: 470

D. Arun Jenish*, Dr. B. Sundaramoorthy, Dr. N. Neethiselvan, Dr. P. Jawahar and Th. T. Ravikumar, 2021., Analysis On The Catching Efficiency of Oval Shaped Funnel In Fish Traps At Two Different Rear End Funnel Openings. 4th international conference of Global approaches in Natural Resource management for climate Smart Agriculture (GNRSA-2020). Pg:470

Arun Jenish*, R Velmurugan, N Neethiselvan, T Ravikumar, M Kalaiarasan. 2022. Study on the heart-in shaped funnel design with two different rear end opening perimeters and their fish catching efficiency in serial collapsible fish traps. 12thindian Fisheries & Aquaculture Forum. Pg: 787

Training/Webinar conducted:

Sl. No.	Title of the Program
1	Webinar on Prospects to Promote deep-sea Fishing in Tamil Nadu
2.	Training on "Deep-sea fishing techniques among the small scale scheduled caste fishermen of Pulicat coast"
3.	Awareness program on "world Tuna day"
4.	Skill development training on Boat engine repair and Maintenance.

19.Workshop/Seminar/Symposia/Summer institute/Refresh course attended and conducted

Sl. No	TITLE
1.	Participated in "Development of Fisheries Encyclopedic Conference" held at FC&RI, Thoothukudi.
2	Resource person in the expert consultation on "Revitalizing Indian Fisheries Education-2016" (RIFE_2016)-FC&RI, Thoothukudi
3	**Workshop** on "Climate Resilient Aquaculture" (CRA '17)-FC&RI, Thoothukudi
4.	**National Seminar** on Marine Fisheries and Aquaculture-Dept of Zoology, Syed Ammal Arts and Science College.
10	One day Workshop on "Promoting blue revolution in Tamil Nadu through coastal cage culture and Deep sea fishing".
11	Participated in Virtual conference on "**Oceans in the wake of climate change: Challenges and solutions"**

Training Attended

Sl. No	TITLE
1.	Training on "Applications of Remote Sensing and GIS in Fisheries and Coastal Zone Management"

Special Skills acquired:

1. Proficiency in computer knowledge.
2. Proficiency in working on MS office software such as MS word, MS power point and MS Excel.
3. Knowledge on SPSS software to interpret the data.
4. Expertise in fishing gear fabrication and modifications.
5. Experience in carry out researches and manuscript writing.
6. Attended many conferences and trainings related to my specialization.

Yours faithfully



(ARUN JENISH)