

Individual Biodata

Name :Vimaladevi. S

Designation :Assistant Professor

Address :Department of Fish Processing Technology, Thalainayeru

Contact

Telephone (O) :

Telephone (R) :

Mobile 8072135265

Email :sekar.vimaladevi@gmail.com

Qualification :M.F.Sc

Field of Specialization :Fish processing

Technology Major : Fish processing

Technology

Specializing field : Fish processing

TechnologyExperience (in years) :9 years 8 months

Details of Projects submitted to various funding agencies:

S. No	Title	Cost in Lakh	Month of submission	Role as PI/Co-PI	Agency	Status

1.	Development of Chitosan based Eco-Packaging material for fish and fishery products	99.50	29.11.2021	PI	PMMSY	Not obtained
2.	Development of Products Utilising Fish Protein Concentrate for Alleviating Malnutrition Among Women and Children	115 lakhs	12.10.2021	PI	TANII	Not obtained

Completed projects :

Sl.No.	Title of the Project	Year	PI & Co- PI of the Project	Funds (in Rs)	Funding Agency
1.	Fabrication of solardryer for fishery products	2017	PI	25,000	TNJFU
2.	Development and characterization of Biomodulated incorporated chitosan in health drink	2019	PI	1,00,000	TNJFU
3.	"TNJFU's Business Incubators in Aquaculture and Fish Processing to promote start-ups integrated Fisheries	2021	Co-PI	72,00,000	TNJFU

	Entrepreneurship in Tamil Nadu State				

Research publications (max – 10) :

(You may provide your recent best publications)

- Vimaladevi S, Panda S. K, Martin X and Bindu J (2015). Packaging performance of organic acid incorporated chitosan films on dried anchovy *(Stolephorus indicus). Carbohydrate Polymers,* 127,189–194.
- Navaneethan R, Deepa K Vijayan, Vimaladevi S, Divya K Vijayan, Jayarani R, Sreerekha PR, Anandan R, Mathew S, Raja Swaminthan T (2016). First record of new Bembrops fish species with unique fluorescence from Arabian Sea. *Int. J.Fisheries and Aquatic studies*, 4(3):261-262*.*
- Navaneethan R., Vimaladevi S., Ajeesh Kumar K. K., Anandan R., Niladri S. C., Asha
  K. K and Suseela Mathew (2016). Profiling of Omega-3 Polyunsaturated Fatty Acids of Myctophid Fish Species Available in Arabian Sea. *Fish. Tech.* 53, 55-58.
- Sivaraman G. K., Renuka V., Jha A. K., Susmitha V., Sreerekha, P. R., Vimaladevi. S., Asha K. K., Anandan R., Suseela Mathew and Mohanthy B. P. (2016) Proximate Composition and Fatty Acid Profiling of FourvMarine Fish Species of Gujarat Coast. *Fish. Tech.* 53, 326-29.
- Sekar, V., Venkat, A., Kumaran, A. K., Devarayan, K., Arone, B. N., & Pandiyan, P. (2025) Wsc-Fortified Functional Foods for Obesity Management: How Do They Stack Up Nutritionally?. Available at SSRN 5234804.
- Praveenkumar Pandiyan, Venkat Alamelu, Sekar Vimaladevi and Brita Nicy (2025). "Functional Ingredients from Fishery By-products: Nutraceutical and Pharmaceutical Applications". International Journal of Bio-resource and Stress Management, 16(8), 1-7.
- Imran Mohammed, N., Hepzibah Blesslene, R., Vimaladevi, S., Harini, S., Alamelu, V., Mohamed Faizullah, M., ... & Praveenkumar, P. (2025). Revolution of AI in Aquaculture and Fish Processing: A Review.

Honours and
Awards

- Best Teacher Award in Republic of Maldives (2012)
- Best poster award for the poster entitled "**Development and Characterization ofBio Nano composite Films for Shrimp Packaging**" at CBPST, Cochin.