




Bharathiar University

State University | "A⁺⁺" Grade by NAAC | 46th Rank in MoE-NIRF
Maruthamalai Road, Coimbatore, Tamil Nadu - 641 046.

Dr T MURALISANKAR Assistant Professor Department of Zoology Bharathiar University Coimbatore, 641046 Tamil Nadu E-mail: tsmuralisankar@buc.edu.in Phone: 8148651534 Office Number: 0422-2428610	
Research Area <ul style="list-style-type: none">• Aquaculture & Aquaculture Nutrition• Aquatic Ecology• Stress Biology	Courses Teaching <ul style="list-style-type: none">• Animal Phylogeny and Evolution• Biostatistics• Marine Biology• Research Methodology• Limnology• Nanobiotechnology and Applications• Marine Bioresources• Fish Processing Technology
Research Experience: 11	Teaching Experience: 9
Research Credentials (as on August 2025 – Source: Google scholar) H-index: 29 Citations: 3015 i10-index: 55	
Publications International Journals: 60 Books/Chapters: 5 National Journals: 17	
Career Other Institutes 1. Designation : Post Doctoral Fellow Institution Name : Bharathidasan University, Tiruchirappalli Period : April 2016 - November 2016	
Education Ph. D. Subject : Zoology Institution : Bharathiar University, Coimbatore Affiliated University : Bharathiar University, Coimbatore Year of Award : November 2014 M. Phil. Subject : Zoology Institution : Bharathiar University, Coimbatore Affiliated University : Bharathiar University, Coimbatore Year of Award : January 2011 M. Sc. Subject : Zoology Institution : Chikkanna Govt. Arts College, Tiruppur Affiliated University : Bharathiar University, Coimbatore Year of Award : April 2009	



Bharathiar University

State University | "A++" Grade by NAAC | 46th Rank in MoE-NIRF
Maruthamalai Road, Coimbatore, Tamil Nadu - 641 046.

Dr T MURALISANKAR , Assistant Professor , Department of Zoology

Diploma

Subject : Applied Sciences

Institution : Chikkanna Govt. Arts College, Tiruppur

Affiliated University : Bharathiar University, Coimbatore

Year of Award : April 2009

B.Ed

Subject : Zoology

Institution : The Kavary College of Education, Mechery

Affiliated University : Periyar University, Salem

Year of Award : April 2007

B. Sc.

Subject : Zoology

Institution : Govt. Arts College, Dharmapuri

Affiliated University : Periyar University, Salem

Year of Award : April 2006

Projects

National Level

Ongoing - 3 completed - 3

Research Guidance

Completed

Ph.D. - 3 M.Phil. - 3 PG - 37

On Going

Ph.D. - 1

Institutional Responsibilities

Member of Board of Studies (Zoology)

Period : Dec 2016 - Aug 2025

Nature of Responsibility :

Programs organized

1. National Conference on Biology and Medicine (2019-02-08 - 2019-02-07)
2. UGC-HRDC-Refresher course in Zoology (2022-09-07 - 2022-09-20)

Selected Publications

1. Microplastics Contamination in Water and Sediments: Seasonal and Spatial Distributions from the Urban

Wetlands of Coimbatore, Tamilnadu, India

Water, Air, & Soil Pollution, 236 (8), 475 (May 2025)

K Anandhan, T Muralisankar, A Yogeshwaran, SH Thangal, KS Janani

2. Effect of CO₂ driven seawater acidification on survival, growth, amino acid and fatty acid levels in the edible

shrimp *Litopenaeus vannamei*

Regional Studies in Marine Science, 82, 104021 (February 2025)

Thirunavukkarasu Muralisankar, Said Hamid Thangal, Perumal Santhanam, Ayyasamy Gowthami, Kannan Mohan, Balu Alagar Venmathi Maran

3. Marine microalgae-Mediated biodegradation of polystyrene microplastics: Insights from enzymatic and

molecular docking studies

Chemosphere, 370, 144024 (February 2025)

Ayyasamy Gowthami, Mohammed Syed Marjuk, Perumal Santhanam, Ramasamy Thirumurugan, Thirunavukkarasu Muralisankar, Pachiappan Perumal



Bharathiar University

State University | "A++" Grade by NAAC | 46th Rank in MoE-NIRF
Maruthamalai Road, Coimbatore, Tamil Nadu - 641 046.

Dr T MURALISANKAR , Assistant Professor , Department of Zoology