

FACULTY PROFILE



Prof.(Dr) Radhika Rajasree SR

HoD , Department of Fish Processing Technology

Coordinator KUFOS Business Incubation Centre

Nodal Officer KUFOS- IEDC, IIC, MSME

PhD (**Cochin University of Science & Technology**)

Marine Sciences

Contact details



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Prof. Radhika Rajasree, head of the Department of Fish Processing Technology at Kerala University of Fisheries and Ocean Studies, has 25 years of expertise in marine bioresource utilization, focusing on isolating and characterizing functional and bioactive components for food and biomedicine. Her research includes macroalgal and marine collagen based food products, bioactive composites, hydrogels, biodegradable polymers, and biodegradable seafood packaging. With funding from DBT, DST, MoES, ICAR, AERB, DAE, UGC, and KSCSTE, she has published over 80 papers, received 2000+ citations, and won 9 best paper awards, the DST Women Scientist Award, Mediterranean Agronomic Institute of Zaragoza Fellowship, IFS Sweden grant and DST-LOCKHEED Martin Tata Innovation Grant , DBT ABLE India Product Innovation Excellence. Dr. Radhika has received the Best Faculty Innovator Award from the Government of Kerala in 2022, holds 2 patents, and has supervised several PhD students. She actively engages in disseminating scientific and innovation knowledge in seafood value addition and waste valorization through government of India funded training programs. She is currently the coordinator of DBT sponsored student and faculty skill training programs. She actively engages in student innovation and entrepreneurship activities as the Nodal Officer of IEDC , MSME and KUFOS BIC. She also serves as the Coordinator of ATAL Incubation Centre and Institution Innovation Cell of the university. As a USFDA-AFDO accredited HACCP trainer, her contributions underscore her pivotal role in advancing sustainable practices and innovations in marine resources.

Teaching:

- Trade regulation certification and documentation in export of fish and fishery products
- Fish products and value addition
- Design , maintenance of fish processing plants and instrumentation
- Fish byproducts and waste utilization
- Emerging trends in seafood processing (2+1)
- Toxins and contaminants

Research Areas:

- Seaweed based food products
- Biodegradable packaging materials
- Fish value addition
- Fish waste valorization

Key Management Roles:

- Head of the Department
- Coordinator , KUFOS Business Incubation Centre
- Member- University Academic Council
- Nodal Officer, KUFOS IEDC
- Nodal Officer, KUFOS Institution Innovation Council
- Nodal Officer, KUFOS MSME
- Convenor University Anti Ragging Committee
- Member Executive Committee-ISFOS
- Associate Editor ,University Malayalam Publication

Publications:

- <https://scholar.google.com/citations?user=Eg1hQiEAAAAJ&hl=en>

Awards & Achievements:

1. International Foundation for Science Sweden Researcher Grant Award 2011
2. Spanish Ministry of Agriculture- International Centre for Advanced Agronomic Mediterranean Studies (CIHEAM)International Training Fellowship 2023 .
3. Kerala Startup mission (Govt.of Kerala) Best Faculty innovative Idea Award- IDEA FEST 2022.
4. DST- WoS B Award, Department of Science and Technology , Government of India 2011
5. Best Paper Award- 2015 : International Conference, BEST-Arunai Engineering College
6. Best Poster Award-2016 : International Conference - Blue Economy,KUFOS
7. Best paper Award 2022 –National Technical Workshop , ICAR CIFT.
8. Best poster Award 2022- National Technical Workshop, ICAR CIFGT
9. Best Paper Award 2021: ICBHE , MAHSA University, Malaysia.
10. Best Paper Award 2017 : RAMS , Sathyabama Institute of Science and Technology.
11. Best Poster Award 2017: RAMS , Sathyabama Institute of Science and Technology.
12. Best poster Award 2024 International Fisheries Congress and Expo-2024
13. High Impact Journal Award -2019
14. Junior Research Fellowship – Ministry of Earth Science 2002
15. Junior Research Fellowship-Ministry of Earth Science
16. Research Fellow, FRMS , Govt of Kerala

Ongoing Projects:

- PI - DBT Skill Vigyan Programme under State Partnership in Life Science and Biotechnology, Dept of Biotechnology, Govt. of India. 35.70 lakhs (2023-2026)
- PI -MoES- REACHOUT Molecular Taxonomy and species divergence studies of sea urchins from Gulf of Mannar Coral Reef ecosystem 60.90 Lakhs (2023-2025)
- PI- ATAL Incubation Centre (2024-2029)
- DST-TEDP

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