

FACULTY PROFILE



Dr. Abhilash Sasidharan

Assistant Professor, Fish Processing Technology

Postdoc (Norway)

PhD, Marine Sciences (CUSAT)

Fish Processing Technology

Contact details



9995012189



drabilash@kufos.ac.in

Dr. Abhilash Sasidharan has more than 20 years of experience in the field of Fish Processing Technology. He completed his Postdoctoral research at the Department of Biotechnology & Food Science, Norwegian University of Science & Technology (NTNU), Trondheim, Norway. He did his Post Graduation in Industrial Fisheries from CUSAT in 2003 and PhD under the Faculty of Marine Sciences, CUSAT in 2014. His PhD thesis focused on seafood side stream management and valorisation aspects. He is also recipient of the Young Scientist Fellowship of Department of Science & Technology in 2007 and was successful in developing a foliar fertilizer from seafood side stream which later resulted in developing of a Startup called Green Allies Organics Pvt. Limited in 2012. He also worked as the State Coordinator & Thematic Expert of the Reliance Foundation Information Services, the CSR wing of the Reliance Industries Ltd., Research Associate, ZTMC-BPD, CIFT and as Senior Research Fellow in various R&D Projects in CIFT. He has many peer-reviewed national and international publications, one book as editor, 4 book chapters and several seminar proceedings to his credit. He has also patented technology for extraction of Taurine from fish head. His fields of interest are, seafood waste management and valorisation, seafood value addition, seafood packaging and thermal processing. He has conducted several training programs and invited talks on various aspects of fish processing and seafood entrepreneurship topics for students and stakeholders.

Teaching:

- ❖ Seafood Canning Technology
- ❖ Seafood product & byproduct technology
- ❖ Seafood Packaging Technology

Research Areas:

- Seafood Side stream valorisation.
- Development of RTE (Ready To Eat) seafood products
- Sustainable seafood packaging and preservation.

Key Management Roles:

- Manager, ELP (Experiential Learning Program), B.F.Sc.

Publications:

- [Dr. Abhilash Sasidharan - Google Scholar](#)

Awards & Achievements:

- Awarded First Rank by Mahatma Gandhi University for BSc. Industrial Fish and Fisheries in 2000.
- Awarded Young Scientist Fellowship by Science & Society Division, Department of Science & Technology, New Delhi in 2007.
- Best Poster Award (3rd Prize) in International Symposium on Emerging and Novel Food Processing Technologies – 2007, India organized by Defence Food Research Laboratories, Mysore.
- Best Paper Award- for the paper titled: Utilization of Water Hyacinth (Eichhornia crassipes) Plant Fiber to reinforce Starch Based Bio-Foam, Evaluation of Physical Properties and Biodegradation in Comparison with Expanded Polystyrene at the International Conference on 'BUILDING RESILIENCE FOR SUSTAINABLE INDUSTRY 4.0: A SOCIOLOGICAL, ECONOMIC, TECHNOLOGICAL AND MANAGERIAL INTEGRATION' organized by JAIN (Deemed-to-be University) in collaboration with Veleučilište U Požegi, Croatia & Erasmus+ held on 06 May 2022 at Kochi, India.

Ongoing Projects:

- Modern Fish processing Plant & Training Centre (MFPTC-Plan fund)

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