

FACULTY PROFILE



Dr. Chiranjiv Pradhan

Assistant Professor (Fish Nutrition)

Ph.D (Utkal University)

Fish Nutrition and Feed Technology

Contact details



+918129120644



chiranjiv@kufos.ac.in

Dr. Chiranjiv Pradhan is an accomplished Assistant Professor specializing in Fish Nutrition at Kerala University of Fisheries and Ocean Studies (KUFOS), where he also serves as the Head (i/c) of the Department of Aquaculture. With over 20 years of experience in fish nutrition and aquaculture research, Dr. Pradhan is deeply engaged in teaching a range of subjects, including Fish Nutrition Feed Technology, Ingredients and Additives, Fish Biochemistry, Nutritional Energetics, Feed Ingredients and Formulations, and Feed Mill Management across bachelor's, master's, and Ph.D. courses.

Dr. Pradhan's research is focused on developing sustainable aquafeeds using non-conventional feed ingredients and exploring the application of functional additives and essential oils to enhance fish growth and health. He has successfully managed three externally funded projects as Co-Principal Investigator (Co-PI) and two additional projects as Principal Investigator (PI), which are centered on sustainable aquafeeds and feed development for indigenous fish species. His mentorship has guided 15 master's dissertations, and he currently oversees the research of four Ph.D. students. His scholarly contributions include more than 35 research papers, four book chapters, 42 abstracts, six popular articles, and a farmer's handbook.

Dr. Pradhan has significantly advanced aquaculture practices through extensive extension programs, the development of cutting-edge research facilities, and strategic industry partnerships. He has been instrumental in organizing and leading various training programs and providing consultancy services to promote innovative aquafeed solutions. Additionally, he has made noteworthy contributions to the field through active participation in seminars and conferences, delivering expert talks, and serving as an Adhoc reviewer and editorial board member for prestigious journals in food science, nutrition, aquaculture, and marine biology.

Teaching:

- ❖ Fish Nutrition and Feed Technology
- ❖ Nutritional Energetics
- ❖ Fish Biochemistry
- ❖ Feed and Formulations
- ❖ Feed Ingredients and Additives
- ❖ Fundamentals of Fish Nutrition
- ❖ Carbohydrate Nutrition
- ❖ Protein Nutrition
- ❖ Feed Mill Management

Research Areas:

- Alternative protein in aquafeed
- Lipid nutrition
- Functional additives
- Feed technology

Key Management Roles:

- Head (i/c), Dept. of Aquaculture
- Course coordinator BFSC 2021 batch
- Assistant Nodal Officer, KUFOS Business Incubation Centre

Publications:

- <https://scholar.google.co.in/citations?user=wYdos9sAAAAJ&hl=en>
- <https://www.researchgate.net/profile/Chiranjiv-Pradhan/publications>

Awards & Achievements:

- Received a distinguished certificate for the best poster presentation titled "Replacement of soybean meal with Cashew Nut Meal (CNM) as an alternative protein source in the diet of tilapia, *Oreochromis mossambicus*" at BRAQCON 2019, the World Brackishwater Aquaculture conference. This recognition was granted during the event organized by the Society of Coastal Aquaculture and Fisheries (SCAFi) and ICAR-Central Institute of Brackishwater Aquaculture (ICAR-CIBA) in Chennai, held from January 23 to 25, 2019.
- Earned the esteemed Gold Medal and DG's Baton upon completion of the pre-commissioning course for Associate NCC Officer in 2019 at the NCC Officers Training Academy in Kamptee, Nagpur, India, further exemplifying dedication and excellence in professional training.

Ongoing Projects:

- Principal Investigator of Development of sustainable aquafeed from wide spectrum raw materials and propagation of feed based aquaculture in Kerala and development of larval feed. Plan funded (Kerala University of Fisheries and Ocean Studies), March 2023-continuing (60 lakh)
- CO-PI of Enhancing reservoir fish production and creation of livelihood opportunities for local community in the Munnar landscape through development of aquaculture practices of native fishes. United Nations Development Programme-HRML Project, March 2017 to March 2022 (50 lakh)
- PI of Effect of dietary single cell protein (Meridian Product) on growth performance and survival rate of Pacific white shrimp (*Litopenaeus vannamei*). April, 2024 to March, 2025. (4 lakh)

[Read More...](#)