



Dr. Shiba Shankar Giri

Head, Fish Nutrition and Physiology Division

Coordinator, ICAR's Flagship Network
Outreach Programme "Fish Feeds"

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Experience	Other Institutes/ ICAR : CIFA : 19 years
Division/ Section projects	Fish Nutrition and Physiology Division 19 (Institute based 9, Externally funded-10)
Achieves	<p>➤ Outreach Activity on Fish Feeds</p> <p>The Outreach Activity on 'Fish Feeds' represents one of the ICAR's largest Flagship Network programme in fish feeds stretching from freshwater, brakishwater, marine water, coldwater and capture fisheries with six ICAR's fisheries research institutes and fish farmers in twelve major fish producing states of India. The Outreach activity in fish feeds covers:</p> <ul style="list-style-type: none"> • raw material identification, cataloguing and evaluation • feed development for larval and growout fishes and improved animal performance • feed processing technologies • Feed demonstration and feed management • Feed quality assurance and certification <p>➤ Feed standards developed for carps, catfish and prawn under Bureau of Indian Standards, an affiliated body of ISO.</p> <p>➤ National Feed Testing and Referral Laboratory established.</p> <p>➤ Six feeds developed, released and one registered for trademarks.</p> <p>➤ A state of art Feed Mill is established for feed technology demonstration</p> <p>➤ Nutrient digestibility study facility created</p>

Specialization	Nutrition, feed and feeding
Student guided	M.F. Sc. / M.sc 03 Ph.D. 01
Research Interests	Aquaculture, fish and Animal Nutrition, Nutritional biochemistry and physiology, fish meal and fish oil replacement, Fatty acids metabolism, Larval nutrition, Farm-made feeds, feed production and technology, and maintains strong relationships with research agencies, industry partners and fish farmers.
Publications	Peer reviewed: 52; Book chapters:5 Technical articles:40

PRESENT ENDEAVOUR

Projects involved 2008-09

Title of Research Projects	Duration	Amount sanctioned (Million rupees)	Research Team
Institute-Based			
Applied Nutrition in Freshwater Aquaculture	2009-present		S.S.Giri, P.K.Mukhopadhyay, N.Sridhar,P.V.Rangacharyulu, B.N.Paul, S.Toppo, K.N.Mohanta,K.C.Das, A.Saha, S.C.Rath, C.Devraj
Feed formulation for nutritional responses in selected freshwater fish.	2005-2009		S.N.Mohanty, P.K.Mukhopadhyay, N.Sridhar,P.V.Rangacharyulu, B.N.Paul, S.S.Giri , S.C.Rath

Externally Funded			
Outreach Activity on 'Fish Feeds'	2008-2012	54.5	S. S. Giri- Coordinator CIFA, Bhubaswar, Orissa; CIBA, Chennai, Tamilnadu; CMFRI, Kochi, Kerala, CIFRI, Barrakpore, West Bengal; DCFR, Bhimtal, Uttarakhand; CIFE, Mumbai, Maharashtra
European Commission, Framework-6 Sustainable Aquafeeds to Maximise the Health Benefits of Farmed Fish for Consumers. "AQUAMAX"	2006-2010	6.0	S.N. Mohanty, S.S. Giri, 32 laboratories in 14 Countries
Department of Biotechnology, Government of India project: Molecular Studies on HUFA Synthesizing capability in Rohu (<i>Labeo rohita</i>)	2008-2011	6.79	S. Nandi S.S. Giri P.K. Mukhopadhyay S.N. Mohanty

25 Years of dedicated service to the nation