

Four-day training for the Officials of Government of Maharashtra on **“Fish Nutrition, Feed Formulation, Feed Packaging and Marketing”** organized by ICAR-CIFE during 2 to 5 January 2026

ICAR-CIFE organised a 4-day special skill development training programme on “Fish Nutrition, Feed Formulation, Feed Packaging and Marketing” for the Fisheries Department Officials of Government of Maharashtra at Mumbai during 2-5 January, 2025. The programme was sponsored by Department of Fisheries, Government of Maharashtra. A total of 19 officials participated in this important training programme. The programme was inaugurated by Dr. N.P. Sahu, Director (Acting) ICAR-CIFE, Mumbai in presence of Dr. K.N. Mohanta, Head, Fish Nutrition, Biochemistry and Physiology Division, ICAR-CIFE (Course Director) and Dr. Sikendra Kumar, Senior Scientist (Course Coordinator). A very comprehensive and user-friendly training manual comprised of both theory and practical classes on fish nutrition and feed production was released on the occasion. Dr. Sahu, in his inaugural address, highlighted that feed is important component of aquaculture and quality feed is required for enhancing the aquaculture production of Maharashtra state. He also told that to increase the fish production and achieve the fish production target envisaged by Maharashtra government, the state should be self-sufficient in fish feed production. He also emphasized that this hands-on training programme is tailor-made for fish feed production using locally available feed resources. In his welcome address, Dr. Mohanta spoke that unlike other states of India, the Maharashtra state is blessed with fresh, marine, brackish and inland saline water which can be used for culture of a wide spectrum commercial fish species. He also emphasized that the state of Maharashtra also cultivates a diverse ranges of agricultural crops, the by-products of which could be used as fish feed ingredients. Dr. Sikendra Kumar, gave the brief outline of the training programme. At the end of the training programme, the trainees expressed that this training programme was very much useful for them to produce the fish feed production and thanks Director, CIFE, Mumbai for organizing such an important training programme when the state is just catching up in aquaculture production. They also opined that the duration of the training programme is to be increased to at least 7 days and requested ICAR-CIFE to organize one-day field-cum-exposure visit for the trainees to a modern commercial fish farm.



Fig. 1. Inauguration of the training programme for officials of Govt. of Maharashtra



Fig. 2. A sample of the extruded floating feeds prepared by the participants



Fig. 3. Floating fish feed produced by the participants using twin screw extruder



Fig. 4. Hands-on training for the production of fish feed using twin screw extruder



Fig. 5. Hands-on training on fish feed production using twin screw extruder



Fig. 6. Production of larval and ornamental fish feeds using single screw extruder and spheronizer



Fig. 7. Proximate analysis of feeds



Fig. 8. Distribution of certificate to participants by Dr N.P. Sahu, Director, ICAR-CIFE, Mumbai



Fig. 9. Group photograph of participants with Dr N.P. Sahu, Director, ICAR-CIFE, Mumbai and other resource persons