

## **Exposure-Cum-Training for Odisha Departmental Officers on *"Nutrition and Feed Management in Aquaculture Pond Practices"* from 9 to 13 September 2024 at ICAR-CIFE, Mumbai**

A 5-day special Exposure-Cum-Training for Odisha Departmental Officers on *"Nutrition and Feed Management in Aquaculture Pond Practices"* from 9-13 September 2024 was conducted by ICAR-CIFE, Mumbai. A total of 20 departmental officers from Odisha participated in the programme. The programme was inaugurated, and the training manual was released by Dr. Ravishankar C.N., Director, Dr. N.P. Sahu, Joint Director; Dr K.N. Mohanta, Head, Fish Nutrition, Biochemistry and Physiology Division; and the training coordinators, Dr Sikendra Kumar and Dr Manish Jayant. Other resource persons, Dr. Subodh Gupta and Dr. Ashutosh Deo, Dr. Prem Kumar and Dr. Manish Jaynat were also present. In his inaugural address, Dr Ravishank highlighted that feed is the most critical and important input constituting 60-70% of the recurring cost in aquaculture, and India has a long way to go in feed based aquaculture to increase the fish production per unit area. Dr Sikendra Kumar, Coordinator, outlined the five-day training programme. Dr. N.P. Sahu enquired about the present status of aquafeed use in the State of Odisha and suggested that they should advise the farmers to prepare the farm made feed preparation by using locally available feed ingredients. Dr. Mohanta delivered the lectures on nutrient requirements of commercial food and ornamental fish, cost-effective feed formulations, and feed management in high density fish culture like RAS, bifloc, cage and pen culture in addition to pond fish culture. A total of 12 practical demonstrations were conducted, including advanced feed production technologies to produce the floating, sinking and semi-sinking feeds for fish and shrimps; feed testing and quality assurance were demonstrated to the trainees apart from 10 theory classes. A field visit to the Shrimp Culture farm was also arranged for the trainees to better understand the feeding management and culture process. The trainees were very much satisfied with the training and thanked Dr Ravishankar for organising such a nice training



Fig 1: Release of the training manual in the inauguration programme



Fig 2: Production of feed using spheronizer by the trainees





Fig 3: Production of floating feed using the twin screw extruder by the trainees



Fig 4: Production of feed using the single screw extruder by trainees



Fig 5: Visit to Shrimp Culture farm to learn feeding management and culture practice