



**ICAR-CIFA organizes 5 days training program on
“Inbreeding in Carp Hatcheries and its Managements for Quality Seed
Production” during 26- 30 September 2022**

The Fish Genetics and Biotechnology Division, ICAR-CIFA organized 5 days training program on “**Inbreeding in Carp Hatcheries and its Managements for Quality Seed Production**” during 26-30 September 2022 to increase the awareness among hatchery managers/owners regarding management of inbreeding in carp hatcheries. The training program was inaugurated by Dr. S. K. Swain, Director, ICAR-CIFA in presence of Dr. P. Das Principal Scientist & HOD FGBD and Course Director, Dr. K. D. Mahapatra and Dr J. K. Sundaray, Principal Scientist. The Course Director Dr. K. D. Mahapatra, briefed about the objective of the training program and schedule for five days. A total of 68 participants applied from different states out of which 17 trainees from 8 different states viz., Maharashtra, Odisha, Bihar, Tamil Nadu, Chhattisgarh, Jharkhand, Uttar Pradesh and Andhra Pradesh have participated in the program.

During 5 days training resource persons from CIFA has delivered 17 theory lectures which include all the aspects of IMC breeding, broodstock feeding and hatchery management, management of inbreeding, soil and water quality management, feeding management during nursery to grow out and fish disease management, BMP, Accreditation process etc. In practical classes they have given hands on training on anatomy of fish, PIT tagging of rohu fingerlings and estimation of inbreeding in hatchery.

They were taken to various ICAR-CIFA facilities such as Biofloc facility, Magur hatchery, Freshwater prawn hatchery, Ornamental unit, Murrel hatchery and Aquaponic unit during which they have interacted with respective scientist available in the unit. They were also taken to see the intensive aquaculture system developed by a progressive fish farmer, Mr. Saurav Kumar Biswal who is also a multiplier unit of Jayanti rohu since 2016. Trainees have seen In-pond Raceway System (IPRS), his IMC hatchery, Nursery and grow out ponds and interacted with him. Trainees had a short visit to witness GIFT tilapia hatchery in state fish farm and National Freshwater Fish Brood Bank (NFFBB) IMC hatchery.

The participants appreciated the training provide and the support received from all resource persons and division scientist. The formal valedictory function was organized at conference

hall of the Institute where the Director CIFA interacted with the trainees and received the feedback of the program and distributed the certificates to the participants. The training program was coordinated by Mr. Avinash Rasal, Scientist, Dr. Khuntia Murmu, and Dr. L. Sahoo, Senior Scientist and Dr. P. K. Meher, Principal Scientist of the Fish Genetics and Biotechnology Division.



Theory and Practical Sessions during the Training Program



Field Visit to different facilities at ICAR-CIFA, NFFBB and Farmers Field



Trainee Participants with Resource Persons