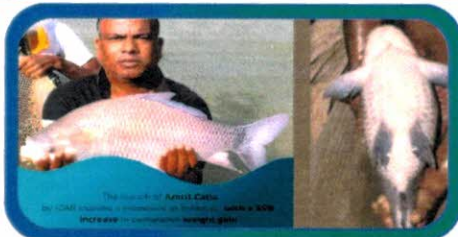


## Training on

# Smart Hatchery Systems: Application of AI and IoT in Fish Seed Production Operations

Under NFDB-Smart Hatchery Project

Organized by: ICAR-Central Institute of Freshwater Aquaculture



### TRAINING DETAILS

**DATE:** 23<sup>rd</sup> February

**TIME:** 10:00AM - 1:30PM

**REGISTRATION FEE:** Rs. 500

**E-Certificate for all Participants**

### CONVENER



**P.K. Sahoo**



**B.K. Behera**



### ABOUT TRAINING

This one-day intensive training program is designed to provide practical exposure to our smart hatchery system, developed under the NFDB-Smart Hatchery Project.

As 50% of the project is successfully completed, participants will gain live demonstrations of:

- Centralized temperature control
- Automated filtration and water circulation
- IoT-based monitoring systems
- Water reuse and management strategies

The training focuses on climate-resilient fish seed production, smart technologies, and sustainable aquaculture practices.



### ICAR-CIFA & NFDB SYNERGY

This project integrates the scientific expertise of ICAR-CIFA in fish health, water quality, and sustainable aquaculture practices with the policy support and implementation strength of NFDB to promote technology-driven fisheries development. Together, they enable the adoption of AI and IoT based smart aquaculture systems that enhance productivity, ensure sustainability, and support large-scale farmer empowerment across India.



### ATTENDEES

Hatchery Owners, Fish Seed Multipliers, Hatchery Managers & Employees, Academicians & Researchers, PhD Scholars, UG & PG Students (Certificate Course), Fisheries Entrepreneurs



### RESOURCE PERSONS



**Jitendra K. Sundaray**



**Avinash Rasal**



**Khuntia Murmu**



**Pankaj K. Tiwari**



### PROGRAM HIGHLIGHTS

- Live demonstration of smart hatchery
- Interaction with domain experts
- Live practical training on PIT Tag systems
- Real-time RAS demonstration
- Best practices for sustainable seed production
- E-Certificate for all participants
- Networking with professionals



### KEY TOPICS

Temperature control systems, 16000 LPH advanced filtration technology, Water reuse and circulation systems, Climate-resilient breeding practices, Future scope of AI in aquaculture



**Scan Here to Complete Registration**



**CONTACT INFORMATION:** Course Director: [jsundaray@gmail.com](mailto:jsundaray@gmail.com),  
Tel. 0674-2465421, 2465446, Mob. 9437166872 / 8249851262,  
Online Application: <https://www.cifatraining.com/index.php>