

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: 23rd 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,
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Online Application: <https://www.cifatraining.com/index.php>