

Training Programme
on
Breeding and Seed Production of Hilsa *Tenualosa ilisha*
(13 to 17 March, 2018)



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Background

Hilsa (*Tenulosa ilisha*) is a high value commercially important fish belonging to the family Clupeidae. The fish is migratory, euryhaline and anadromous in nature. The species is fast swimmer and travels up to 71 km in one day. It is widely distributed in Bay of Bengal, Indian Ocean, Persian Gulf and Arabian Sea and coastal areas, estuaries and freshwater rivers. The species is reported from India, Bangladesh, Pakistan, Indonesia, Sumatra, Myanmar, Kuwait, Iraq, Iran, Sri Lanka and Vietnam. In India the fish is found in the rivers such as Hooghly, Godavari, Narmada, Tapti and also in Ukai reservoir of Gujarat. The natural population of hilsa has been declined over the years due to several factors viz., overfishing, indiscriminate catch by advanced crafts and gears, construction of dams and barrages across the rivers, reduction of river flow, reduction of river depth due to siltation and bar formation, industrial and domestic pollution, disturbances of their breeding ground, low rain fall and climatic change. Hence there is an urgent need for its conservation. Apart from several methods of conservation like closed season, sanctuary, net mesh size regulation, river dredging, banning of the use of certain specific nets (bag net, scoop net, lift net etc.) during specific period of the year, the most important strategy for their conservation is controlled breeding, larval rearing and culture in confined freshwater system.

ICAR-Central Institute of Freshwater Aquaculture has been succeeded in on-boat breeding of hilsa in the river, hatching and seed rearing in freshwater at its Field Station, Kalyani of RRC, Rahara, West Bengal.

Objective

To provide first-hand information on various aspects of breeding and seed rearing of hilsa.

Methodology and Content

The methodology consists of a blend of lectures, field visit and trial on on-boat breeding, and group discussions. The contents include:

- Biology of Hilsa
- Breeding and seed production
- Production of live food organisms
- Feeding management and husbandry

Programme fee

Rs.5,000/- excluding of food & lodging. The programme fee may be paid by Demand Draft or cash during registration or along with the application. The DD should be drawn in favour of "ICAR unit - CIFA" payable at Bhubaneswar. Accommodation may be arranged at the Farmers' Academy and Convention Center (Lake hall), BCKV, Kalyani or at any hotel on request. Request for accommodation should be sent on and before 28th February, 2018. A registration kit, training manual and a certificate will be provided to all participants.

Programme Dates, Duration and Venue

13 – 17 March, 2018 (Five days)

Participants are expected to arrive by the evening of 12 March, 2018, and can leave after 1700 hrs on 17 March, 2018.

Venue: Regional Research Centre, Kalyani Field Station, ICAR-CIFA, A-5 (Phase-III), Santalpara, Kalyani-741235, Nadia, West Bengal

Who should attend?

Department officials, Entrepreneurs, Traders, Fish farmers, Hatchery operators, Extension officials/agents & Research scholars. Number of participants is 20.

Travel

The Field Station of ICAR-CIFA is located in Kalyani City, West Bengal, which is about 48 km from the Netaji Subhash Chandra Bose International Airport, 56 km from the Sealdah Railway Junction and 3.5 km from the Kalyani Railway station. The Jawahar Navodaya Vidyalaya and JIS Engineering College are located near the centre.

Address for sending the nomination/application

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