

Technologies Developed in ICAR -CMFRI



Apart from these, the CMFRI is also disseminating the technologies of fish farming to the SC & ST communities of India through the centrally sponsored scheme like Scheduled Caste Sub-Plan (SCSP) and Tribal Sub-Plan (TSP) in which the proven technologies are implemented at farmers field as a livelihood and for their social and economic upliftment. For more details on SCSP and TSP, the interested farmers can contact the Chairman SCSP/TSP in 0484-2394867.

The farmers and entrepreneurs who are interested in taking up these technologies can contact the Director, ICAR-CMFRI, Kochi for more details.



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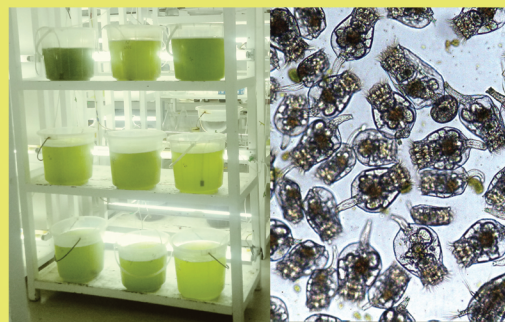
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ICAR- Central Marine Fisheries Research Institute (ICAR -CMFRI) Kochi is a pioneering Marine Fisheries Research organization established by Government of India on February 3rd 1947 under the Ministry of Agriculture and Farmers Welfare and became an integral part of ICAR family in 1967. Since then the institute is revolutionizing in Marine fisheries resource assessment, Biodiversity assessment, Ecological and Environmental monitoring, Development of novel bioactive nutraceuticals, Fish nutrition and development of diagnostic tools and measures for fish diseases, Development of food and shell fish farming technologies through various Mariculture intervention and its extension to farmers field, Ornamental fish breeding and its culture, Live feed culture for hatchery operation for substantiating hatchery seed production of fishes. The technologies developed by the institute is being transferred to the end users through various training programmes, on farm demonstration programme, focused hands on training, and also creating awareness through Kisan melas, Exhibitions, Awareness camp, Field days, Scientist- Farmer interaction meet, Open-house Melas etc., through CMFRI Kochi as Head quarter along with its 11 centres, 15 field centres which are located all along the coastal states of India and also through its 2 KVK's.

The following ready to take technologies are developed for the Indian farmers which are successfully demonstrated and ongoing in farmer's field.



- Sea cage farming (Cobia, Pompano, grouper, Carangids, Lobster) and brackishwater Cage farming (red snapper, sea bass, pearl spot, rabbit fish) of finfishes.
- Pen culture of various fin fishes.
- Ornamental fish breeding and culture (25 species of marine ornamental fishes).
- Biofloc fish farming.
- Mussel and oyster farming (raft culture) in coastal areas.
- Pond fish farming and integrated fish farming.
- Integrated Multi Trophic Aquaculture (IMTA).
- Seaweed farming.
- Lobster fattening.
- Crab fattening.
- RAS for nursery rearing of food fishes.
- Technique for Artificial feed preparation for fishes.
- Live feed (microalgae and zooplankton) culture.
- Hatchery technologies for seed production and nursery rearing of marine food fishes and ornamental Clown and Damsel fishes.
- Hatchery technologies for seed production of mussel and oyster.

