

# The Daily Telegrams

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Friday, April 24, 2026

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## Lab-to-land push: CIARI & Fisheries Deptt. explore new tech for Island entrepreneurs

Sri Vijaya Puram, Apr. 23  
The Fisheries Science Division of ICAR-Central Island Agricultural Research Institute (CIARI) conducted an interaction meeting with the Fisheries Department, A&N Administration on April 21 at Secretariat, Sri Vijaya Puram. The meeting aimed to present recent technological advancements and achievements for



strengthening lab-to-land transfer and promoting fisheries-based entrepreneurship in the islands.

The meeting was convened by Ms. Pallavi

Sarkar, Secretary, Fisheries Department, A&N Administration to explore collaborative pathways for scaling up innovative technologies to farmers and

entrepreneurs under field conditions.

Dr M. Muruganandam, Principal Scientist and Head of the Fisheries Science Division (FSD), delivered a presentation highlighting a range of cutting-edge technologies developed and promoted by the institute. These included next-generation biofloc systems, indoor and outdoor crab fattening  
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techniques, freshwater ornamental fish breeding and entrepreneurship, and integrated approaches for disease diagnosis, monitoring, and aquatic animal health management. The economic viability of technologies such as biofloc-based aquaculture and cost-effective feed production systems was also emphasized.

Ms. Pallavi Sarkar expressed keen interest in the technologies presented and stressed the importance of their dissemination through last-mile extension mechanisms and state-led missions.

Scientists from CIARI, including Dr Kirubasankar, Shri Karunakaran, Dr. Praveen Raj, Shri Chittaranjan Raul, and Dr. Jess Maria Wilson, shared insights on ongoing research and development activities. Contributions included experiences from scientific knowledge hubs in Nicobar tribal regions, success stories in ornamental fisheries, disease diagnostics frameworks, biofloc-based P. vannamei shrimp farming, carp seed and feed production systems, and advancements in microalgae production and fisheries digitization.

Ms Jagtap Kalyani, Director of Fisheries, emphasized collaboration with CIARI for scaling up biofloc technology and crab fattening systems.

The meeting was conducted in hybrid mode, with around 30 participants, including officials from North & Middle Andaman, South Andaman, and Nicobar districts. The session concluded with a consensus on prioritizing key technologies through coordinated efforts between CIARI and the Fisheries Department to enhance livelihoods, ensure sustainable fisheries development, and strengthen the island economy, a press release from CIARI said.