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ICAR-CIFT Transfers Fish Waste-Based Agro-Nutrient Technology on World Environment Day

5 June 2025, Kochi

Marking World Environment Day, ICAR–Central Institute of Fisheries Technology, Kochi, signed a Memorandum of Agreement (MoA) for the transfer of an innovative agro-nutrient technology derived from fish waste. The agreement was signed with Ms. Varalikka Manaksia and Shri Aditya B. Manaksia of Kolkata.

Dr. George Ninan, Director, ICAR-CIFT emphasized that the agreement marks a significant milestone in utilizing fishery by-products for agricultural benefits. As part of the MoA, the institute will provide technical support and a Detailed Project Report (DPR) to aid implementation and scaling.



The eco-friendly technology, titled “Agro-nutrient formulation from fish waste for seed priming and stress resilience,” supports sustainable agriculture and circular economy practices. The initiative is part of ICAR-CIFT’s ongoing efforts to promote eco-innovations and valorization of fishery waste.

Ms. Varalikka Manaksia, the youngest incubatee at ICAR-CIFT and a promising young entrepreneur, will lead the technology’s adoption with the support of her father, Shri Aditya B. Manaksia, a noted entrepreneur from West Bengal.

This collaboration aligns with ICAR-CIFT’s mandate to disseminate research-based, commercially viable technologies and reflects its commitment to sustainable development, resource efficiency, and environmental stewardship. It also highlights the growing role of young entrepreneurs in the agri-startup ecosystem, supported through ICAR-CIFT’s incubation initiatives.

(Source: ICAR–Central Institute of Fisheries Technology, Kochi)