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Open sea Mussel Farms under PMMSY to fuel Blue Growth

On December 17, 2024, the Pradhan Mantri Matsya Smpada Yojana (PMMSY) Blue Growth funded "Development of Pilot-Scale Open-Sea Eco-Mussel Farms in India – A Blue Growth Project," was officially launched. As part of the event, hatchery-produced Green mussel or the Indian Peacock Mussel (*Perna viridis*) seeds were distributed to farmers, emphasizing sustainable aquaculture development. A concurrent clam ranching program for Yellow-foot Clam (*Paphia*

Focus on drone applications for stakeholders in the fisheries sector



Shri George Kurian, Hon'ble Minister of State of Fisheries, Animal Husbandry and Dairying, Govt. of India, inaugurated an awareness workshop-cum-demonstration of potential drone applications in the fisheries sector in ICAR-CMFRI, Kochi on 8th November 2024. He highlighted the transformative impact of this technology, stating that drones would emerge as a game-changer in the fisheries sector,

providing tool to address several critical challenges with precision and efficiency. The event was attended by around 700 fishermen and fish farmers across Kerala. The featured range of drone applications included tasks such as aquaculture input dispensing, water body monitoring, monitoring marine mammals to aid their stock assessments, live fish transportation and rescue operations at sea ♦



malabarica) was also organized, during which 3 million clam seeds were released into the Vembanad estuary in Kerala. With reports of an alarming decline in the short neck clam populations for the past few years, this stock enhancement programme became a reality after the Vizhinjam Regional Centre of ICAR-CMFRI successfully developed captive breeding technology for the Yellow-foot clam that enabled the production of seeds for the ranching programme. This initiative to

continue to page no. 8...

The activities of ICAR-CMFRI focus on several activities to promote sustainable marine fisheries and mariculture. During the last quarter of the year 2024, the release of innovative feeds using alternate, sustainable feed ingredients such as insect-protein to substitute fish meal and adoption of advanced technologies to produce millions of hatchery seeds of important shellfish species to facilitate open sea farming as well as restore challenged natural stocks, has been noteworthy. Awareness workshops to enable adoption of transformative technologies such as drones in the fisheries sector were also conducted. Marine Fisheries Census 2025 scheduled to cover more than a million fishermen households across the country will be conducted by ICAR-CMFRI with the support of the Department of Fisheries, Govt. of India. It is a major recognition as well as responsibility for the institute which has to complete the MFC 2025 in the coming days in a time-bound manner.

With best wishes

Dr. Grinson George
Director, ICAR-CMFRI



Seaweed-based nutraceutical product for liver health launched



Shri. P Rajeev, Minister for Industries, Law and Coir, Govt. of Kerala P. Rajeev launched the market debut seaweed-based nutraceutical product Cadalmin™ LivCure extract (LCe) of ICAR- CMFRI on 21st October 2024. Named GreenRex™ and commercially produced by Emineotech, Private Limited it is based on the Cadalmin™ LivCure extract, a patent-protected nutraceutical product developed from select seaweeds by ICAR-

CMFRI for non-alcoholic fatty liver disease. This product showed potential to inhibit hydroxymethyl glutaryl reductase/other pleiotropic target receptors associated with dyslipidemia and pathophysiologies leading to non-alcoholic fatty liver disease (NAFLD). The product is available on e-commerce platforms and major pharmacies.

Reported by Kajal Chakraborty, Head, Marine Biotechnology, Fish Nutrition and Health Division ♦

Marine Fisheries Census-2025 to be conducted by ICAR- CMFRI

On the occasion of the World Fisheries Day 2024 celebration organised by the Ministry of Fisheries, Animal Husbandry and Dairying, Govt of India on 21st November in New Delhi, Shri. Rajiv Ranjan Singh alias Lalan Singh, Hon'ble Union Minister of Fisheries launched the 5th Marine Fisheries Census (2025) to be conducted by the ICAR-Central Marine Fisheries Research Institute (CMFRI) with the support of the Department of Fisheries, Govt. of India. The census will cover 1.2 million households across the coastal region.

Since 2005, the marine fisheries census has been conducted every 5 years by ICAR-CMFRI. Addressing the gathering, the union minister said that Marine Fisheries Census (MFC 2025) would focus specifically on the infrastructure status of marine fisherfolk while giving a detailed picture of the ecosystem in which this sector operates. The precise real-time data on the fishermen collected at the household level for the MFC 2025 will be a major input for planning marine fisheries development activities throughout the country ♦

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Editor: Dr. U. Ganga **Editorial Committee:** Dr. R. Ratheesh Kumar, Dr. Livi Wilson, Dr. N. S. Jeena, Mrs. V. Vandana

Assisted by: Mr. Arun Surendran, Mr. C. V. Jayakumar, Mr. P. R. Abhilash

Marine ornamental fish seed production gets a fillip



The Mariculture Division of ICAR-CMFRI's Vizhinjam Regional Centre successfully developed and standardised the seed production technologies of

these species, which are of high value in the marine ornamental fish industry and have high demand globally. Dr. J. K. Jena, Deputy Director General (Fisheries), ICAR

released the seeds of two ornamental marine fishes, Azure damsel and Ornate goby to marine aquarium entrepreneurs in a function organised on 27th November 2024. Azure damsel (*Chrysiptera hemicyanea*) is a reef-associated fish and falls in the vulnerable (VU) category of the IUCN Red List. The larval rearing technique has been standardized for the species for the first time in India. The current market value of this fish in India is around ₹250-350/fish, and the international market rate is \$15-25/fish. The Ornate goby (*Istiogobius ornatus*) is a popular and high-value marine ornamental fish, prized for its vibrant colouration and intricate patterns. The species is exported chiefly from Sri Lanka, mainly to the United States and other developed countries. A marketable-sized (5-8 cm) fish costs ₹200–250 in India, while online retail trade price in international markets is \$15 to \$30. It thrives in sandy substrates within coral reef ecosystems. ICAR-CMFRI standardised captive breeding and seed production of this species for the first time in India ♦

Novel micro-feed for altricial marine finfish larvae developed

Cadalmin™ Microfin an innovative micro-feed developed by ICAR-CMFRI for the early-stage rearing of altricial marine finfish larvae was released by Dr. J. K. Jena, DDG (Fisheries Science) on 27th November, 2024 at ICAR-CMFRI, Kochi. Utilizing advanced fluidized bed processing, this feed is precisely

engineered to address the nutritional needs of delicate marine fish larvae during their initial growth phases. The feed features optimal particle sizes, superior water stability, and enriched nutrient content, ensuring improved survival and growth rates while reducing feed waste. Successful trials

with the larvae of cobia and pompano, indicate it outperforms commercially available feeds in key parameters such as water stability, nutrient retention, buoyancy and digestibility, establishing it as a premium choice for sustainable aquaculture practices.

Reported by Sanal Ebenezar, D. Linga Prabu, S. Chandrasekar, Adnan H. Gora and Kajal Chakraborty, Marine Biotechnology, Fish Nutrition and Health Division ♦



Coco Fest-2024 Fusion of tradition and innovation

Massive turnout at the Coco Fest 2024 held in Kavaratti, Lakshadweep from November 20th to 22nd November 2024, with thousands of Islanders flocking to the event with a festive spirit turned into a blend of local tradition with technological innovation with a grand celebration of the region's rich coconut heritage. Organised

jointly by the Krishi Vigyan Kendra (KVK) Lakshadweep of ICAR-Central Marine Fisheries Research Institute (CMFRI), ICAR-Agricultural Technology Application Research Institute (ATARI), Department of Agriculture, Lakshadweep Administration and KICPCOS Farmer Producer Organisation, Kavaratti the event was inaugurated by Dr. Udham

Singh Gautam, Deputy Director General (Agricultural Extension) of ICAR. New Delhi. Dr. Grinson George, Director, ICAR-CMFRI, Dr. V. Venkattasubramanian, Director, ICAR-ATARI, Dr. K. B. Hebbar, Director, ICAR-CPCRI, Dr. J. Dinakara Adiga, Director, ICAR-DCR and Dr. P. N. Ananth, Head of KVK Lakshadweep were also present ♦



Framework on Voluntary Carbon Market in Fisheries set in motion

On the occasion of the World Fisheries Day 2024 celebration organised by the Ministry of Fisheries, Animal

Husbandry and Dairying, Govt of India on 21st November in New Delhi, an signed MoU aimed to reduce the carbon footprint

in Fisheries and Aquaculture and earn carbon credits in the Voluntary Carbon Market (VCM) was signed among the Department of Fisheries, GoI, ICAR- CMFRI and NABARD. The VCM is a major leap towards climate change mitigation and achieving carbon credits, which will project India as a major driver for those in pursuit of green modes of achieving blue transformation. The function was attended by Shri Rajiv Ranjan Singh alias Lalan Singh, Hon'ble Union Minister of Fisheries and other dignitaries. Dr. J. Jayasankar, Principal Scientist and Head of Fishery Resources Assessment, Economics and Extension Division represented ICAR-CMFRI during the MoU exchange ceremony ♦





Fish walk

As a public outreach programme “Fish Walk” launched to promote awareness regarding marine fisheries, fisher community, climate change and biodiversity conservation among the public is gaining popularity. Guided bimonthly visits to Munambam and Chellanam Fisheries Harbors and Puthenthodu beach, Ernakulam District with a wide group of participants from various walks of life who gained first-hand knowledge of the marine fisheries and environment through enthusiastic interactions with fishers and allied workers ♦

SCSP programmes to support fishers

Through the centrally sponsored Scheduled Caste Sub Plan and Tribal Sub Plan Scheme, ICAR-CMFRI is extending help to SC and ST communities for improving their living standard by imparting training in fisheries and mariculture related activities through

its proven technologies and support for procuring essential fishing accessories to achieve their livelihood needs. At a function organized in ICAR-CMFRI, Kochi on 13th December 2024, Dr. Grinson George, Director and other officials handed over the 9.9 hp OBM

to Mr. Karthikeyan, a fisherman from Chettuva, Thrissur who recently lost his fishing vessel in the rough sea. To avail support, the needy members of the SC and ST communities can contact the concerned nodal officer in the institute.

Reported by K. Madhu, Chairman TSP /SCSP, ICAR-CMFRI, Kochi ♦



Seaweed Harvest Mela organised



Under the NABARD-funded project “Environmental Sustainability through Integrated Multi-Trophic Aquaculture (IMTA)” operated by ICAR-CMFRI a harvest mela of cultured red seaweeds was held on 8th November 2024 at Mullakadu coast of Thoothukudi. The 1.8 ton of seaweed seeded on 100 monolines of 15 m length yielded 6.3 tonnes of wet biomass of *Kappaphycus alvarezii*. The Kadal paasi group carried out farming activities earned a gross income of ₹94,500 generated with 3.5 times increase in biomass during the 35-day culture period.

Reported by Tuticorin Regional Station ◆

Protecting seaweed farmers in Tamil Nadu from environmental risks



Proactive measures were taken by the Mandapam Regional Centre of ICAR-CMFRI to safeguard seaweed farms from sudden salinity fluctuations as

the North East monsoon arrived in Tamil Nadu. Beneficiaries under the Scheduled Caste Sub-Plan (SCSP) & National Innovations in Climate Resilient

Agriculture (NICRA-SCSP) programmes at 14 seaweed farming sites received salinometers and pH meters along with a hands-on training on the usage of these instruments. Farmers are now equipped to monitor salinity and pH levels weekly, enabling them to make informed decisions and protect their crops from potential damage caused by freshwater influx and salinity reduction. Mandapam Regional Centre of ICAR-CMFRI has been promoting seaweed farming through SCSP/NICRA-SCSP since 2019 and covers 146 fishers in SCSP and 31 fishers in NICRA-SCSP programmes. The beneficiaries of Puthukudi village, Thondi, Ramanathapuram district, who initiated seaweed farming during 2019-2020 are now practising the farming with their own investments. It has now emerged as a seaweed seed village, which supplied 50 tonnes of fresh seaweeds for farming to adjacent districts namely Pudukkottai and Thanjavur districts in the last four months.

Reported by K. Vinod and B. Johnson, Mandapam Regional Centre ◆

Oyster farming support extended

Hands-on training on oyster farming was imparted to the selected scheduled caste beneficiaries in the



Thekkumbhagam Grama Panchayat, Ashtamudi Lake, Kollam, Kerala under SC-Sub Plan from 11th to 13th December, 2024. Distribution of oyster rens was done during 19th to 20th December 2024. The officials and elected representatives of the Grama Panchayat participated in the oyster farm launch function and supported the beneficiaries.

Reported by Geetha Sasikumar, K. Madhu, K.K. Sajikumar and K.M. Jestin Joy, Shellfish Fisheries Division ♦

Indian Pompano in sea cages harvested



Sea cage farming technology was disseminated to the beneficiaries of Madiga community under the Schedule Caste Sub plan programmes executed by the Vishakapatnam Regional Centre of ICAR-CMFRI. The beneficiaries from the Dalit Fishery Development Society operated two HDPE cages stocked with hatchery produced Indian pompano. They were harvested at an average size of 525 ± 30 g on 23rd December, 2024 after approximately seven months of culture. One ton of Indian pompano harvested was sold to Renown Sea Food, Visakhapatnam @ ₹310 per kilogram. The event was also witnessed by fishermen from different fisheries societies in Jalaripettai and Peddajalaripettai, Visakhapatnam

Reported by Joe K. Kizhakudan, Head, Visakhapatnam Regional Centre ♦

Innovative insect protein-based fish feed technology transfer



An MoU with Ms Amala Ecoclean Pvt. Ltd. for the transfer of technology to produce fish feed using Black Soldier Fly Larvae (BSFL) on 22nd October, 2024 was done by the institute. This collaboration focuses on promoting

eco-friendly and cost-effective methods for fish feed production, harnessing the nutritional potential of BSFL, which is rich in protein and other essential nutrients for aquaculture and underscores ICAR-CMFRI's dedication

to advancing sustainable practices in aquaculture.

Reported by Sanal Ebeneezar, D. Linga Prabu, S. Chandrasekar, Adnan H. Gora and Kajal Chakraborty ♦

..... continue from page 1

boost mussel farming and natural clam stocks in the estuary, aims at ensuring sustainable livelihoods and an ecological balance in the Vembanad Lake ecosystem. The event brought together fishermen, scientists, state fisheries officials, and stakeholders from the seafood export industry united in the efforts for the conservation and enhancement of molluscan resources. On the occasion, Dr. Appukuttan K.K. (Retd.) who formerly headed the Molluscan Fisheries Division in ICAR-CMFRI was present along with Mr. Salim H., Joint Director of Fisheries, Government of Kerala, Mr. Ramesh Sasidharan, Deputy Director of Fisheries (Kollam), Mr. Mujeeb, Deputy Director of Fisheries (Seed Centre) and managers from the Amalgam Group.

Reported by M. K. Anil, Project leader ♦

Seaweed farming in Kutch to be strengthened

As part of a strategic initiative for sustainable livelihood development, ICAR-CMFRI Veraval Regional Station conducted a comprehensive ground-level assessment and coordination programme from 18th to 22nd November 2024 along the Kutch coast. This initiative aimed to strengthen seaweed farming activities by fostering collaboration and knowledge sharing among stakeholders and preparing for the upcoming cultivation season. A review session held at Mandvi provided an opportunity for stakeholders to share

updates, videos, and insights into the current status and challenges of seaweed farming. Site inspections at Mandvi, Modhva, Tragdi, Salaya, Kathda, Jakhau, and Jarapara, and preparation for seaweed raft deployment by focusing on selecting suitable sites and explaining the cultivation process to ensure active participation and understanding among the stakeholders was done.

Reported by D. Divu., Suresh Kumar Mojjada, P.S. Swathi Lekshmi, Sagar Jadav, Jayesh Devaliya, Mayur S. Tade, S. Aarsha and J. Dhanush ♦

Mariculture entrepreneurship in focus

The Veraval Regional Station of ICAR-CMFRI organized a Technology and Knowledge Transfer

Consultative Interaction on Mariculture Entrepreneurship on 14th December 2024. The event was part of the International

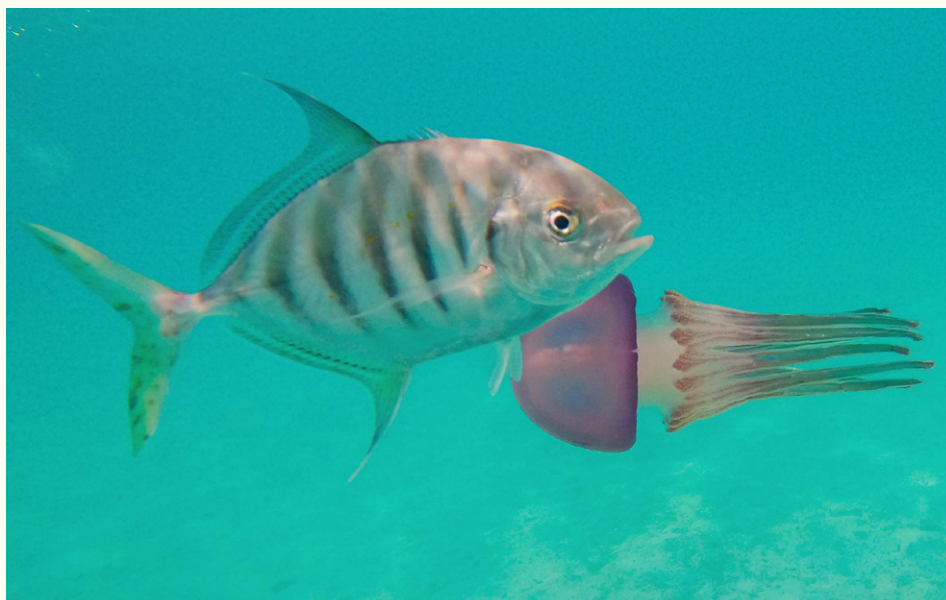
Technical and Economic Cooperation (ITEC) programme for Marine Agri-Entrepreneurship and Supply Chain Management sponsored by the Ministry of External Affairs, Government of India, and conducted by the Entrepreneurship Development Institute of India (EDII), Ahmedabad. Aimed at enhancing participants' understanding of emerging mariculture technologies of India and promote entrepreneurship in the marine sector distribution of knowledge kits and presentations on the latest advancements in mariculture technologies emphasizing entrepreneurial convergence approaches were made. A consultative session with entrepreneurs, Fish Farmer Producer Organizations (FFPOs) and stakeholders was also done to provide participants with practical insights into mariculture operations and its potential for fostering innovation and sustainable livelihoods.



Reported by D. Divu., Suresh Kumar Mojjada, P.S. Swathi Lekshmi, P. Abdul Azeez, Jayesh Devaliya, Sagar Jadav, B. Prachi, Mayur S. Tade, T. S. Ramshad, S. Aarsha and J. Dhanush ♦

World Jellyfish Day

An awareness campaign spanning fifteen days was organised in the honour of World Jellyfish Day, the 3rd November. Dr. Grinson George, Director, ICAR-CMFRI, launched the online outreach campaign on jellyfish on 30th October, 2024. During the launch programme the Head in-charge, Marine Biodiversity and Environment Management Division, Dr. K. S. Sobhana, briefed about the programme followed by a presentation on jellyfish diversity along the Indian coastal waters by Dr. R. Saravanan, Senior Scientist. Various online platforms and social media outlets were used to conduct programmes such as Jellyfish Quiz in 10 languages and JellyFish Photography, for all age groups and the JellyArt for 5th to 10th grade students. About



First Place Winner, World Jellyfish Day Photography Competition. Photo by K.K. Mohammed Jabir, ICAR-CIFT.

270 people participated in the online Jelly quiz contest in five languages, viz., English, Malayalam, Tamil, Marathi, and Hindi.

Reported by R. Saravanan, K. Vinod and K.S.Sobhana, Marine Biodiversity and Environment Management Division ♦



ICAR-CMFRI, Kochi organized a Student-Scientist Interface in connection with International Sawfish Day on 17th October 2024 to create public awareness on conservation of these protected resources. The programme which offered a unique opportunity to interact with scientists and learn more about the fascinating world of sawfish and marine conservation. Shri. Hibi Eden, MP, Lok Sabha inaugurated the function where around 300 students and teachers from nearby schools and colleges attended. Dr. Grinson George, Director, ICAR-CMFRI emphasized the role of stakeholder involvement in sawfish conservation, which could be attained through mass outreach programs. Dr. Shoba Joe Kizhakudan, Head, Finfish Fisheries Division delivered a talk on the



iconic sawfishes of India followed by an interactive meeting of the students with scientists to understand this important marine living resource.

Karwar Regional Station hosted the "Awareness programme on International Sawfish Day" at Malim Fishing Harbour, Panaji, Goa. Ms. Yashaswini, B., IAS,

Director of Fisheries, Department of Fisheries, Goa was present on the occasion along with staff from NETFISH-MPEDA, and local fishermen leaders from trawl and purse seine sectors.

Reported by L. Remya, Finfish Fisheries Division ♦

Know Your Marine Biodiversity & Environment training

The training programme on marine biodiversity for young Researchers MarBiE 3, held from 25th to 29th November 2024 focused on Water and Sediment Analytical Techniques with Special Reference to Marine Life. This short-term training program aimed to equip the participants

with the necessary skills to monitor and assess the health of marine ecosystem as a part of the MarBiE Series of training programs on various topics.

Reported by Marine Biodiversity and Environment Management Division ♦





ICAR-CMFRI observed World Fisheries Day on 21st November 2024 by organizing a hybrid mode brainstorming session on 'Challenges and Opportunities for Sustainable Development of Marine Fisheries in India'. The moderators were Dr. V. V. R. Suresh (Head, Mariculture Division), Dr. Shoba Joe Kizhakudan (Head, Finfish Fisheries Division), and Dr. A. P. Dineshbabu (Head, Shellfish Fisheries Division) and covered broad topics of capture fisheries, socio-economics, mariculture and biotechnology, and ecosystem and biodiversity. Scientists from headquarters, regional centres, stations, technical officers, multitasking staff, research scholars, and young professionals actively participated in the session. At the Visakhapatnam Regional Centre six traditional small-scale fishermen from North Andhra Pradesh, were honoured on the occasion. They shared their valuable experiences, challenges, and insights into the fishing profession and highlighted how the marine fisheries landscape has evolved over the years ♦



Interactive workshop on Stock Assessment Continuum Tool and Stock Synthesis

ICAR-CMFRI organized a three-day interactive workshop on Stock Assessment Continuum Tool and Stock Synthesis from 12th to 14th December, 2024, with Dr.

Deepak Pazhayamadom, Senior Scientist (Fisheries) from the Northern Territory Government, Australia, as one of the resource persons. The workshop brought

together 22 participants, including 5 officials from the Fishery Survey of India (FSI) and 12 scientists from various ICAR-CMFRI centres and stations, fostering collaboration, knowledge exchange, and skill development in advanced fish stock assessment techniques.

Reported by Eldho Varghese and M. Muktha, Programme Co-ordinators ♦



Upskilling in field identification of marine fishery resources



A refresher course aimed at enhancing the field identification skills of fisheries enumerators from Kerala was held from October 21 to 25, 2024. It was designed to support accurate species-level data reporting in the marine fish landings data collection process that is used for marine fish stock status assessments. 22 field staff attended the training inaugurated by Shri Mahesh S., Joint Director of Fisheries & Executive Director, SAF, Department of Fisheries, Kerala.

Reported by Livi Wilson, T.M. Najmudeen, Rekhadevi Chakraborty, R. Vidya and Somy Kuriakose ♦

Vigilance Awareness Week

The ICAR-Central Marine Fisheries Research Institute (CMFRI) conducted the Vigilance Awareness Campaign aligning with the national theme 'Culture of Integrity for Nation's Prosperity' from 14th to 28th November 2024 at Headquarters and various Regional Centres and Stations ♦



Awareness on POSH Act organised

The Internal Complaints Committee (ICC) along with Women's Cell organized an awareness talk on "Prevention of Sexual Harassment at the Workplace" on 10th December 2024. The event aimed to educate staff and students on the provisions and importance of the Prevention of Sexual Harassment (POSH) Act, 2013, ensuring a better understanding of individual responsibilities, complaint mechanisms, and institutional protocols ♦

Swachh Bharath

The Swachhata Hi Seva 2024 campaign was organized at ICAR-CMFRI, Kochi, and the regional centres, research stations, and KVKs, from 17th September to 2nd October 2024. The campaign commenced with the online Swachhata Pledge, led by the Honourable DG, ICAR, on 17th September 2024, where the Director and

staff of ICAR-CMFRI actively participated. Various activities were carried out across different locations, focusing on cleanliness, awareness, and community engagement. Cleanliness drives were conducted at difficult and dirty spots (CTU sites), public places, and coastal areas, while the Safai Mitra Samman Programme honoured sanitation workers with PPE kits, menstrual cups, and health check-ups.

Public awareness programs were a significant part of the campaign and included rallies, walkathons, human chains, awareness talks, installation of

selfie points with Swachhata themes, and publicity through social media, videos, and reels. Several competitions were conducted to engage students, such as a painting competition at Fr. Agostino Vicini's Special School, Mundamveli, an essay writing competition at the College of Fisheries, Yekkur, Mangaluru on 'Impact of Pollution on Marine Life', and speech and drawing competitions at Government schools in Bhidiya, Veraval. Beach clean-up drives were organized at Kuzhuppilly Beach (Kochi), Maraikayarpattinam Seashore (Mandapam), and Lakshadweep beaches. The campaign also included tree plantation drives, with the 'Ek Ped Maa Ke Naam' initiative at various locations and mangrove plantation activities at ICAR-CMFRI's Model Mangrove Farm, Tuticorin. A major highlight of the campaign was the visit of Honourable Minister of State for Fisheries, Shri George Kurian, to CMFRI, Kochi, on 26th September 2024. He felicitated the campaign and released the book One Decade of Swachh Bharat Abhiyan at ICAR-CMFRI, which documents the institute's contributions to





the Clean India Movement over the past decade. The Minister also inaugurated CADALMIN™ BSF ZW–A Zero Waste Bio-Conversion System, an eco-friendly waste management model using Black Soldier Fly Larvae (BSFL) for organic waste processing. Additionally, Honourable MLA Mr. M. Vincent addressed students at the Vizhinjam Regional Centre, emphasizing the importance of maintaining cleanliness in both public and private spaces.

On 2nd October 2024, Swachhata Diwas was celebrated across all ICAR-CMFRI centres with various activities,

including cleanliness drives, awareness programs, and competitions. At ICAR-CMFRI HQ, Kochi, a cleaning drive was conducted at Abraham Madamakkal Road, and housekeeping staff were honoured for their contributions. The event was inaugurated by Dr. Grinson George, Director, ICAR-CMFRI, who addressed the staff during the occasion. Following this, the Special Campaign 4.0 was observed from 2nd to 31st October 2024, focusing on office digitization, space optimization, and cleanliness drives. A total of 26 cleanliness campaigns were conducted, freeing

up space that was effectively utilized for recreation areas, environmental labs, storage, parking, and workspaces. The campaign also led to the disposal of office scrap and junk materials, generating a revenue of ₹620,788. The Swachhata Hi Seva 2024 campaign at ICAR-CMFRI successfully promoted cleanliness, community participation, and environmental sustainability across all its centres, making a significant impact in advancing the Swachh Bharat Abhiyan.

Reported by N. Aswathy, Nodal Officer, Swachh Bharat Abhiyan ♦

TOLIC Award

ICAR-Central Marine Fisheries Research Institute, Kochi bagged Rolling Trophy – First position for excellent Implementation of Official Language and First position for Hindi Magazine



'Matsyagandha' among the Central Government Organizations in Kochi for the period 2022-23. Smt. Preeti Garg, IRS, Principal Chief Commissioner of Income Tax distributed trophies in the meeting of Kochi TOLIC held at Income Tax Office, Kochi on 23rd October, 2024. Shri Hareesh Nair, Chief Administrative Officer (S.G.) & In-Charge (OL) and officials from Official Language Section, ICAR-CMFRI, Kochi received trophies on behalf of the Institute ♦

ICAR-CMFRI trained fish farmer receives India's Best Marine Fish Farmer Award

Ravi Kharvi, a fish farmer from Karnataka trained by the ICAR- CMFRI, bagged the Best Marine Fish Farmer Award instituted by the Ministry of Fisheries, Animal Husbandry and Dairying, Govt of India. The award comprising a Certificate of Merit and a cash award of one lakh rupees was awarded at the World Fisheries Day celebrations organised by the ministry on 21st November 2024 ♦



Recognition



Dr. Kajal Chakraborty
Principal Scientist

Elected as a Fellow of the National Academy of Sciences, India (NASI) for the year 2024.



Dr. Eldho Varghese
Senior Scientist

Elected as a Fellow of the National Academy of Agricultural Sciences (NAAS)



Dr. Sumithra T. G
Scientist

Elected as an Associate of the National Academy of Agricultural Sciences (NAAS)

Personnel

Retirements on Superannuation



Shri I. Ravindran
Multi-Tasking Staff
31.10.2024



Smt. M. Safiyabi
Assistant Administrative Officer
31.11.2024



Dr. N.K. Sanil
Principal Scientist
31.12.2024



Shri N.P. Ramachandran
Technical Officer
31.12.2024



Shri Chudasama Ramji Raja
Technical Officer
31.12.2024

Appointment

Name	Post	Place of posting	Date of Joining
Dr. Marepally Udaya Sindhu	Subject Matter Specialist (Agricultural Extension) T-6	Krishi Vigyan Kendra, Lakshadweep	18.11.2024

Promotions

Name & Designation	Promoted as	w.e.f
Smt. Soumya Surendran Assistant	Assistant Administrative Officer	02.12.2024

Transfers

Name & Designation	From	To	w.e.f.
Dr. P. Abdul Azeez, Scientist	Veraval Regional Station	CMFRI Field Laboratory, Kavaratti, Lakshadweep	06.09.2024
Shri T. Jothi Manikandan, Lower Division Clerk	Mandapam Regional Centre	ICAR-CMFRI Headquarters, Kochi	23.10.2024
Shri M. Vijayakarthekeyan, Senior Technical Assistant	Mandapam Regional Centre	ICAR-CMFRI Headquarters, Kochi	04.11.2024
Ms. K. Renuka, Technician	Visakhapatnam Regional Centre	Mangalore Regional Centre	20.11.2024
Smt. N. S. Sruthi, Technician	Tuticorin Regional Station	Vizhinjam Regional Centre	20.11.2024
Smt. G. Radhika Krishnan, Assistant Administrative Officer	Tuticorin Regional Station	ICAR-CMFRI Headquarters, Kochi	02.12.2024

Resignation

Name & Designation	Post	w.e.f
Shri Kinshuk Singhvi	Assistant	02.12.2024

Probation Cleared

Designation	Names	Date of Initial Appointment	Date of Clearance of Probation
Technician	Shri V. Akhil Babu	11.02.2022	11.02.2024
	Shri Midhun Muthayan		
	Shri M. Mahalingam		
	Shri S. Pakkri Muthu		
	Shri U. Aneesh		
	Shri Jerin V. Jose		
	Shri Damodara Rao		
	Shri P. J. Joby		
	Shri P. K. Prashanth		
	Shri R. Suresh		
	Smt. M.P. Sharanya		
	Smt. M. Sethulakshmi.		
	Smt. V. V. Vijayalakshmi	22.02.2022	22.02.2024
	Smt. Prasannakumari	05.05.2022	05.05.2024
	Smt. Jesli Disilva	20.06.2022	21.06.2024
	Shri T.R. Kaushik		
	Shri Ullas Shankar		
	Smt. Remya Unnikrishnan	05.07.2022	05.07.2024
	Smt. Jincy Cherian	04.10.2022	04.10.2024

Deputation extended

Name & Designation	From	To	w.e.f.
Dr. Nilesh Anil Pawar Deputy Director (Aquatic Quarantine) Fisheries Ministry, Delhi	01.12.2024	30.11.2026	01.12.2024



ICAR-CMFRI

The Central Marine Fisheries Research Institute is a premier research institute under the Indian Council of Agricultural Research and focusses on research and training in marine fisheries and mariculture.

Cadalmin is the quarterly newsletter of ICAR-CMFRI. This publication gives an insight into the major events of the institute, besides highlighting the salient research findings for the benefit of various stakeholders in the marine fisheries sector.

E-mail: director.cmfri@icar.gov.in | www.cmfri.org.in