



CMFRI NEWSLETTER

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MULTICROP SEA BOTTOM FARMING TECHNOLOGY DEVELOPED AT VIZHINIJAM



Pearl oysters and mussels farmed by sea bottom farming using high density stocking pedestal cages

A new farming method for cultivating pearls, mussels, finfishes and other organisms in shallow sea bottom using cages has been developed by the Institute. The new designs of high density stocking cages include the cages with multiple radial pedestals known as satellite cages, cages with extra lateral pedestals and the two-in-one cage with a trap mouth for farming cum-fishing. The fabrication of the cage is easy and it is portable. The cages also act as fish attracting device and hence it is possible to increase the fish biomass in the sea.

The fishermen can exploit various

marine fishes using the two-in-one trap cages. These cages also act as substrata for the settlement of pearl oysters and mussels. The cages withstand rough sea conditions and therefore sea farming could be carried out round the year. Using this technology marine farming can be taken up in all the shallow areas of the seas around India.

Training

A training programme on pearl oyster & pearl culture and mussel farming was conducted at Chettuva on 3-4 December. Twenty five farmers participated. The programme was sponsored by the Chettuva Panchayat.

Workshops

A two day Indo-Egyptian Workshop on Oceanography with exclusive focus on mariculture was organised at CMFRI Headquarters on the 8th and 9th of December. A four member Egyptian delegation headed by Dr. Hosny Ibrahim Emara, Director, National Institute of Oceanography and Fisheries, Alexandria, Egypt participated in the workshop. Dr. M. Devaraj, Director, CMFRI



Dr. M. Devaraj, Director, CMFRI addressing the Indo-Egyptian workshop on oceanography

chaired the sessions and seventeen papers on various aspects of mariculture of finfishes, shellfishes, seaweeds, microalgae and live feed were presented and discussed.

Fishermen-Farmers-Industry-Institution Meet

The XXV & XXVI monthly farmers meet with focal themes 'crab farming' and 'prawn farming' were conducted in October and November at Kumbalangi and Valappu respectively. A number of fishermen, farmers and representatives from the industry and financial institutions participated.

Participation in joint Hindi week celebrations

The staff and students of CMFRI participated in the joint Hindi week competitions organised by the Cochin Town Official Language Implementation Committee from 17 to 25 November, at the Coconut Development Board, Cochin. Smt. T.N. Ananthalakshmy, Junior Technical Assistant won the second prize in essay writing. Dr. N. Sridhar, Scientist (Senior Scale) secured the third place in Hindi elocution. Dr. P. Jayasankar, Scientist (Senior Scale) and Shri. Ram Mohan, Senior Research fellow bracketed consolation prizes in Hindi light music. Dr. P. Jayasankar and group won prizes in Hindi and Malayalam group music.

CMFRI got the fourth position and a trophy was awarded. The valedictory function was conducted on 25 November. Dr. Babu Joseph, Vice Chancellor, Cochin University of Science and Technology distributed the prizes to the winners.

Visitors

Cochin

Dr. Gajendra Singh, DDG (Engineering), ICAR, New Delhi, 9 October

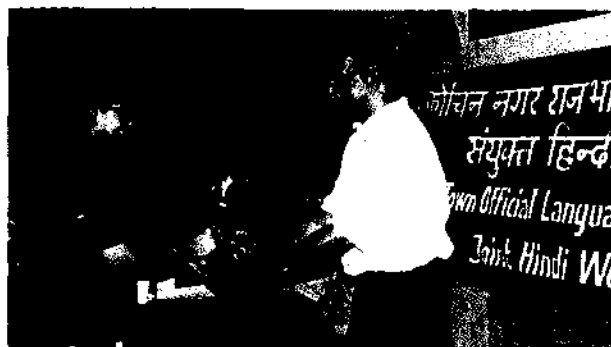
Dr. Rajini Tewari, Reader, Osmania University, 13 November.

Dr. Rishad Praveer and Dr. N.K. Jain, Gujarat University, Gujarat.

Dr. Ragothaman, Head, Department of Aquatic Biology, Gujarat University, Gujarat..

Visit of foreign delegates

Dr. Hosny Ibrahim Emar, Director, National Institute of Oceanography and Fisheries, Alexandria, Egypt along with Dr. (Mrs.) Fatma Aly Abdel Razek, Professor and Head of Invertebrate Culture, Dr. (Mrs) Meseda



Smt. E. Sasikala on behalf of CMFRI receiving the trophy from Dr. Babu Joseph, VC, CUSAT, Cochin for the excellent performance in the Joint TOLIC Hindi Week Celebrations

Mohamed Ei-Gharabawy, Professor of induced spawning in Aquaculture Division & Head of Fish Reproduction Department and Dr. Soliman Hameed Abdel Rahman, Head of Fish Nutrition, NIDF visited the Headquarters, and the Research Centres at Calicut, Vizhinjam,

Tuticorin, Mandapam and Madras and had discussion with the Scientists. They also visited the demonstration farms of CMFRI and seabass hatchery of CIBA at Madras.

Meeting of Governing Body of Indian Council of Agriculture Research

The 175th meeting of the Governing Body of Indian Council of Agricultural Research Society was conducted at CMFRI, Cochin on 9-10 October.



Dr. R. S. Paroda Director General addressing the 175th meeting of the Governing body of ICAR, held at CMFRI, Cochin. Shri. B. K. Chauhan, Secretary ICAR, Dr. P. V. Dehadrai, DDG (Fisheries) are also seen.

Engagements

Dr. M. Devaraj, attended the following meetings

The CDTMT Management Committee Meeting in the office of the Director of Fisheries, Kerala, Thiruvananthapuram, 29 November.

Meeting with the Poovar (Trivandrum) Social Sciences Organisation regarding integration of seafarming with seafish and inspection of live lobster and grouper culture at Perivailai near Manavalakuruchy, IRE Project.

Meeting with Honourable Minister for Fisheries, Government of Kerala regarding Fisheries Resource Management, 1 December.

The Institute Research Advisory Committee meeting at Vizhinjam Research Centre, 22 December.

Delivered the inaugural address in the Integrated Coastal Management Workshop of Manomanian Sundaranar University, Nagercoil, 30-31 December.

Dr. V.S.K. Chennubhotla, Principal Scientist participated and chaired a session in the International Seminar on ecoforestation, biodiversity conservation and sustainable development, organised by the International Socio-Environmental Awareness Studies Centre, Bangalore and International Environmental Research Academy, Visakhapatnam, 6-7 December.

Dr. Dorairaj, K. Principal Scientist, attended the task force meetings in connection with the global environmental facility in M.S. Swaminathan Research Foundation, Chennai and also attended the workshop on coral reefs.

Dr R. Paul Raj and Dr P. Narmalwar attended the Workshop on biosphere reserve and biodiversity prioritisation organised by M.S. Swaminathan Research Foundation, Chennai.

Dr R. Paul Raj and Dr M. Rajagopalan attended the National Workshop on new economic policy, opportunities and challenges for sus-

tainable development of fisheries and conservation of aquatic resources, organised by Oriental Research Foundation, Bhopal, 15-16 December.

Dr R Sathiadhas, Senior Scientist, participated and presented a paper on Socio-economic structural changes in the marine fisheries sector of India and coastal zone management at the seminar on coastal zone management organised by the Institute for Coastal Area Studies, M.S. University, 30-31 December.

Shri. T.M. Yohannan, Senior Scientist attended the seminar on over exploited major fishery resources of the coastal waters and presented a paper, 30 December.

Smt. Sheela Immanuel, Scientist, participated and presented a paper on Profile and working pattern of prawn peelers at the National seminar on the technological empowerment of women in agriculture, organised by the National commission for women and M.S. Swaminathan Research Foundation, Chennai, 3-4 December.

Deputation abroad

Dr E.V. Radhakrishnan, Senior Scientist was deputed to the Research Institute for Marine Biological Sciences, Nemuro, Japan as visiting Scientist, 3 August to 5 November.

Dr Laxmilatha, Scientist participated in the Regional Training Course on Fishing Technology and Resource Conservation, at the Training Department, South East Asian Fisheries Devel-

opment Centre (SEAFDEC) Samut Prakan, Thailand, 16 June to 15 December.

Degree awarded



Shri. D.B.S. Sehara, Senior Scientist, at Cochin has been awarded Ph.D degree in Economics by the Saurashtra University, Rajkot for his thesis entitled, "A study on comparative economics of different craft-gear combinations in marine fisheries of Gujarat.". He worked under the supervision of Dr. K.K. Khakhar, Professor and Head, Economics Department, Saurashtra University.

Shri. B Muthuvelan, Senior Research Fellow under the ICAR Adhoc Scheme on Seaweeds was awarded Ph.D. degree by the Cochin University of Science and Technology for his thesis entitled 'Studies on the seaweed of Andaman & Nicobar group of Islands'. He worked under the guidance of Dr. V.S.K. Chennubhotla, Principal Scientist.

Radio Talks

Dr. P.S. Kuriakose, Principal Scientist gave a talk on Chippivarga Krishi, All India Radio, Thrissur.

Shri. T.M. Yohannan, Senior Scientist gave a talk on 'Uparithala Matsyangal', All India Radio, Thrissur.

Sports

The sport contingent from CMFRI, Cochin comprising eleven members took part in the ICAR sports meet (Zone III) at Coimbatore from 5 to 10 November. Shri. U. Purendra Shetty, Junior Clerk, Cochin, stood first in the shot put throw.

The team lead by Shri. K.N. Pushkaran, Junior Technical Assistant and Shri. Tomy Prince, Junior Clerk, CMFRI, Cochin secured the runners up position in Table Tennis.

Appointments

Shri. Wilson, T. Mathew appointed as Scientist at Cochin, 15 December.

Shri. M.P. Paulton appointed as Training Assistant (T-II-3) at Narakkal, 1 October.

Shri. V.A. Leslie appointed as Technical Assistant (T-II-3) at Madras, 1 October

Miss. P. Vineetha appointed as Junior Stenographer at Cochin, 1 October.

Shri. D. Ramesh Kumar appointed as SSG. I (Deckhand) at Tuticorin, 27 October.

Shri. M. Arockia Shaji appointed as SSG. I (Deckhand) at Vizhinjam, 27 October.

Shri. C.P. Umashankar appointed as SSG. I (Watchman) at Calicut, 7 December.

Shri. S. Chandrasekharan appointed as SSG. I (Helper) at Madras, 11 December

Smt. S. Prasanna Kumari appointed as SSG. I (Messenger) at Cochin, 15 December.

Shri. N. Padumu Ramakrishna appointed as SSG. I (Deckhand) at Visakhapatnam, 11 December.

Inter Institutional Transfer

Shri. R.N. Misra, Senior Scientist at Visakhapatnam is relieved from his duties on inter-institutional transfer to CIFRI, Barrackpore, 30 November.

Transfers

Shri. I. Rajendran, Scientist (Senior Scale) at FHL, Cochin to Mandapam, 27 October.

Dr. R. Venugopalan, Scientist from Cochin to Madras

Shri. A. Srinivasan, Motor Driver (T-1) from Madras to Mandapam Camp.

Retirements

Shri. N. Ravindranathan Nair, Senior Gestetner Operator, on superannuation, 30 November.

Shri. P.A. Vasudevan, SSG. III (Lab Attendant) at FHL, Cochin on superannuation.

Shri. K. Chekutty, SSG. II (Watchman) at Calicut, on invalid pension, 6 October.

Wedding

Deepak Chandu Lal Tank, SSG. I married Praveena, 17 December

Ms. Sujitha Thomas, Scientist, Veraval married Shri. Sharif K.H., 29 December.

Obituary

Shri. M. Muthu, SSG. IV (Saffaiwala) at Mandapam on 4 November

Shri. K. Muniasamy, SSG. III (watchman) at Mandapam on 24 December.

