

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.



**Dr. M. Devaraj, I
Egyptian**