

Mobile fish-vending kiosk designed by CIFT gets patent

TIMES NEWS NETWORK

Kochi: An innovation to ensure safe and fresh fish for consumers has received recognition from the controller general of patents. Kochi-headquartered central institute of fisheries technology (CIFT) received certificate of registration of design for its refrigerated mobile fish vending kiosk which would ensure hygiene and freshness in retail fish-sale.

The certificate of registration of design recognizes the creation of new and original features of new shape, configuration, surface pattern, ornamentations and composition of lines or colours applied to articles etc., and is valid for five years.

The refrigerated mobile fish vending kiosk serves the purpose of selling fish at consumer's doorstep while keeping its freshness intact by maintaining it inside a closed refrigerated chamber with a temperature level of 0°C to 4°C under hygienic conditions.

This will address the



The refrigerated mobile fish-vending kiosk developed by CIFT

concerns of stale or adulterated fishes which is of constant concern for consumers. The machine was designed and developed by CIFT engineering division headed by Manoj P Samuel.

The main components of the kiosk are fish storage and display chamber, hand-operated descaling machine, fish dressing deck with inbuilt wash basin, water tank, cutting tool, waste collection chamber and working space.

The descaling machine attached with the kiosk helps to remove the scales while cleaning the fish. This would help to extend the edible quality of fish for four to five days, thus

increasing the marginal benefit for fish vendors.

The cost of a standard kiosk which can display 30kg of fish and separately store 100kg in ice-box is Rs.52,000/- plus taxes. The vending kiosks are manufactured and distributed through CIFT approved empanelled agencies and so far seven kiosks have been commercialized to various fish vendors in Kerala and Andhra Pradesh.

Apart from this, under a scheme of Kerala state fisheries department, 20 kiosks have been fabricated for the benefit of fisherwomen SHGs under the aegis of society for assistance to fisherwomen (SAF).