

## ICAR-CIFT, KOCHI DEVELOPS PEDAL OPERATED HAND SANITIZER UNITS

ICAR-Central institute of fisheries technology, Kochi developed two variants of pedal operated Hand sanitizer unit. The units can disinfect the hands of one person at a time. This can be adopted for **Break the Chain Initiative** at offices, markets, malls, railway stations and industries, etc., for preventing the spread of COVID-19.

### Wall Mounted Portable Pedal Operated Hand Sanitizer Unit

The Unit is completely made from scrap materials. It can be wall mounted or placed on the table for dispensing the sanitizer. It consists of sanitizer dispensing unit and a wire connecting dispenser unit and pedal. The sanitizer (600 ml) is placed inside the 3" PVC pipe (300 mm height) which is provided with end cap and spring retention mechanism. The pedal is made from old MCB board and provided with spring. The unit dispense the sanitizer based on force of pedal operation. Shri. Anoop Augustine, Contract Staff (Electrical) developed this instrument and the cost of making such a unit is approximately Rs.1200/- only.



### **Stand-Alone Pedal Operated Hand Sanitizer Unit**

The unit is stand alone and it is made with MS angle iron (3 mm thickness) and Multiwood. It consists of sanitizer dispensing unit and MS rod (10 mm thickness) connecting dispenser unit and pedal. The sanitizer (600 ml) is placed in the shelf provided with MS angle iron frame. The total height of the unit is 5 ft. The unit dispense the sanitizer based on force of pedal operation. The cost of the unit is Rs.1000/- only. This machine was developed by Shri. G. Gopakumar, Technical Officer, Engineering Division, ICAR-CIFT Kochi.

