

SCMS BIODEGRADABLE DISPOSAL UNIT FOR USED MASKS AND GLOVES

A three stage unit for treating used masks and gloves to make them safe for sanitation workers to handle. First the masks and gloves are sprayed with sanitizing liquid, then subjected to UV light and finally heated. The unit is made of biodegradable material, has a removable tray at the bottom for easy removal of treated waste and is solar powered.



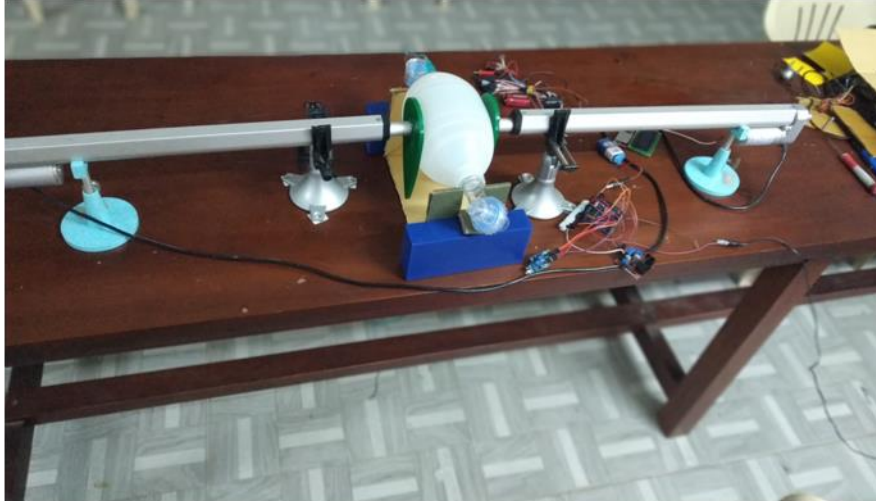
SCMS DISINFECTING BOX

A UV-C light based device to disinfect commonly used objects such as keys, wallets, money, etc to help prevent the spread of COVID-19. The box is incorporated with a safety feature that the UV lamp turns OFF if the door is accidentally opened during operation. Entire unit is designed and developed at SCMS Fablab and costs less than 1000 rupees.



AUTOMATIC RESPIRATORY ASSISTANCE FOR VENTILATOR

A system that automatically adjusts compression of the ambu bag used in the ventilator by analysing breathing rate of the patient.



SCMS AUTOMATIC SANITIZER DISPENSER

A simple low cost system to automatically dispense sanitizer solution when hand is brought near the nozzle. The user avoids physically touching the apparatus and so can be used safely in public places.



3D PRINTED MASK, FACE SHIELD, Y-SPLITTER

