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VST Mobility Solutions joins hands with SCTIMST

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To launch IoT based used mask disposal smart bin & UV light-based disinfection device



VST Mobility Solutions, a startup headquartered at Cochin, has launched an automated mask disposal machine as part of efforts to develop products helping to combat the Covid-19.

The disposal device, named BIN-19, developed Chitra UV based face mask disposal bin technology from the Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Trivandrum an institute of national importance under Department of Science and Technology (DST), Government of India, was formally launched by Ernakulam District Collector S. Suhas by installing a unit at his office, the administrative headquarters of the district.

The IoT-based BIN-19 (Internet of Things) is used for collecting and disinfecting Used Face-Mask. The device has been subjected to a series of successful microbiological tests by Sree Chitra Lab. Sree Chitra is one of the testing agency for UV based devices in the country as per the guidelines of the Indian Council of Medical Research (ICMR).

Launching the BIN-19 and UV SPOT district collector S Suhas said this is the first time such a facility is available in Kerala. “These products will be assets for beating the COVID19 in the state. The products would also help in preventing environmental damages,” he added.

The IoT Features of BIN-19 are Auto Sanitizer Dispenser (remotely alerts if it's empty), Mobile Application to navigate/find Bin-19, Web Portal for Status Alerts, Power ON/OFF alerts, Box open alerts.

VSL Mobility Solutions has also launched, UV SPOT, a UV light-based multipurpose disinfector, another product in its Covid-19 combat portfolio. It is a multipurpose disinfector device with ultraviolet disinfection lamps. VST Mobility Solutions said that with internal reflective surfaces and UVC Lamp, the device disinfects a board range of microorganisms.