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Modulus Housing develops portable hospital units to treat COVID-19 patients

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Called â??MediCAB,â?? it is a decentralized approach to detect, screen, identify, isolate and treat COVID-19 patients in their local communities



Indian Institute of Technology Madras-incubated Start-up, Modulus Housing has developed a portable hospital unit that can be installed anywhere within two hours by four people.

Called ‘MediCAB,’ it is a decentralized approach to detect, screen, identify, isolate and treat COVID-19 patients in their local communities through these portable microstructures. A demonstration video of the ‘MediCAB’ can be obtained by clicking HERE.

‘MediCAB’ has been launched recently in Wayanad District of Kerala where the units are being deployed to treat COVID-19 Patients. The startup is developing micro hospitals that can be deployed rapidly across the nation.

The Medicab is foldable and is composed of four zones – a doctor's room, an isolation room, a medical room/ward and a twin-bed ICU, maintained at negative pressure.

This deployment in Kerala has been undertaken with grant funds from Habitat for Humanity’s Terwilliger Center for Innovation in Shelter. The startup collaborated with Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST) who provided inputs on the certifications and customizations necessary for the project.