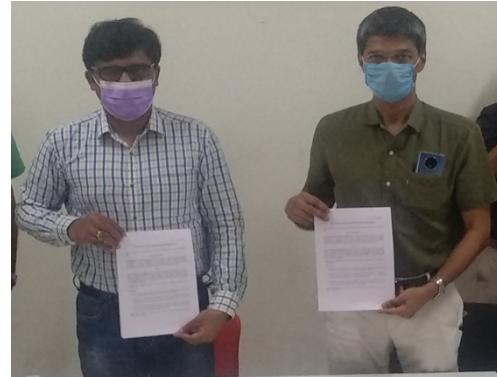


## **IIT Palakkad signs an agreement with Kooper Medical Technology Private Ltd for manufacture of affordable respirator masks with replaceable antiviral filters**



Kooper Medical Technology Private Ltd, a medical device and equipment manufacturing company, has signed an agreement with Indian Institute of Technology Palakkad for the manufacture of respirator masks and filters on April 22, 2020. IIT Palakkad has shared the know-how to fabricate the respirator mask with replaceable antiviral filters. The structural design and manufacturing process of the respirator mask, details of the filter used along with coating of antiviral agents and sealing methodology has been developed by a team of faculty, staff and research scholars at IIT Palakkad. Following the know-how process developed at IIT Palakkad, respirator masks with replaceable antiviral filters can be obtained at an affordable cost.