

#startupindia



Department for Promotion of Industry and Internal Trade  
Ministry of Commerce and Industry  
Government of India



**INVEST INDIA**  
NATIONAL INVESTMENT PROMOTION  
& FACILITATION AGENCY

# STARTUP SOLUTIONS FOR COVID-19 SUPPORTED BY COVID-19 TASKFORCE

MOVEMENT  
TRACKING


MAY 2020





## MOVEMENT TRACKING


### AMOUR LAB PRIVATE LIMITED

Details Of the Founders	Details Of the Product	Market Status	Support Needed
<p><b>Name:</b> Salonee Patro</p> <p><b>Website:</b> amourlab.github.io/</p> <p><b>Location:</b> Odisha</p>	<p><b>Product:</b> Artificial intelligence and web development</p> <p><b>Target Audience:</b> Health care lab, hospitals, B2B, and B2C</p>	<p><b>Startup Stage:</b> Validation</p> <p><b>Price:</b> INR 250 for 6 months</p>	NA
<ul style="list-style-type: none"> <li>The startup is trying to develop a web application which will help people and suggest them to consult a doctor as per the symptoms it shows, keeping WHO's guidelines in mind this application has been developed to help the public as well as doctors from rushing into check-up without symptoms and giving a fair chance to the actual patients.</li> <li>As to have control over this pandemic situation a web application has been developed driven by AI platforms for helping doctors, common people as a whole.</li> <li>A set of questions will be asked one leading to the next and in the end, it will show what are the chances of you having COVID-19. If there are chances of this virus within you then it will show you suggestions of doctors near you for check-up otherwise you are good to go.</li> <li>By this, there will be comparatively less rush in the hospitals for a check-up by allowing the affected patients to be treated sooner.</li> </ul>			



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### HEAMAC HEALTHCARE PVT. LTD

Details Of the Founders	Details Of the Product	Market Status	Support Needed
<p><b>Name:</b> Prasad Muddam <b>Website:</b> www.heamac.com <b>Location:</b> Hyderabad</p>	<p><b>Product:</b> CoWatch <b>Target Audience:</b> All masses</p>	<p><b>Startup Stage:</b> Early Traction <b>Price:</b> INR 1,000</p>	<p><b>Funding:</b> 90 lakhs</p>
<ul style="list-style-type: none"> <li>The startups have developed a tracking wristband called CoWatch</li> <li>The key features of the device are Prevention, monitoring, tracking, and alerting. It detects the suspects with the symptoms of COVID-19 by monitoring their vital parameters.</li> <li>It also helps the doctors and healthcare workers to monitor the health conditions of the quarantined patients and also of the self quarantined people to take immediate action. The mobile application also enables the user to track and monitor the vitals of multiple persons enabling them to track the condition of their kids and family.</li> <li>It acts as a first stage of screening for the doctors and makes sure that the healthcare workers working for the safety of other people are safe. It also makes sure that there is no emergency or loss of life due to the lack of monitoring. It alerts the user with the nearby hotspots areas and corona patients. It motivates people to follow social distancing by giving individual reward points for maintaining social distancing and also alerts them if they are close to any others.</li> </ul>			 <p>The image shows a yellow and black wristband on the left. On the right is a screenshot of the CoWatch-20 mobile application interface. The app features several monitoring icons: a lung icon for 'HEALTHY LUNG VITALS', a thermometer for 'TEMPERATURE MONITORING', a pulse line for 'SpO2 OXYGEN SATURATION', a clock for 'ALARM WHEN USER'S HEEL COVERED WITH PPE', a first aid kit for 'ALERT NEARBY MEDICS FOR IMMEDIATE ACTION', and an eye icon for 'A PROXIMITY OR PROXIMATE CARE'. The title 'COWATCH-20' is at the top right of the app interface.</p>



## MOVEMENT TRACKING

### HW DESIGN LABS OPC PRIVATE LIMITED

Details Of the Founders	Details Of the Product	Market Status	Support Needed
<p><b>Name:</b> Jayakrishnan A L</p> <p><b>Website:</b> www.hwdesignlabs.com</p> <p><b>Location:</b> Kerala</p>	<p><b>Product:</b> accuTRAK</p> <p><b>Target Audience:</b> Hospitals and Enterprises</p>	<p><b>Startup Stage:</b> Validation</p> <p><b>Price:</b> INR 1,50,000</p> <p><b>Production:</b> 500 to 1,000 units per day</p>	NA
<ul style="list-style-type: none"> <li>The proposed solution against the problem statement 'Movement Tracking' is the most advanced technology currently used in developed countries. Compared to existing technologies using Bluetooth, GPS, WiFi, etc, the proposed solution is more effective and designed to track in mind. These are futuristic and to be highly valued from import substitution points of view.</li> <li>Ministry of Health strongly recommends for Social Distancing of at least 1 meter or more, hence the solution to track the movement needs to be with an accuracy of minimum 1 m or better.</li> <li>The proposed solution is an accurate indoor positioning system with centimeter-level accuracy. This is highly recommended considering the minimum social distancing need to be at least 1m from person to person.</li> </ul>			



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### TINKERBEE INNOVATIONS PRIVATE LIMITED

Details Of the Founders	Details Of the Product	Market Status	Support Needed
<p><b>Name:</b> Anupam Varghese</p> <p><b>Website:</b> <a href="https://tinkerbee.in">https://tinkerbee.in</a></p>	<p><b>Product:</b> Trackbee</p> <p><b>Target Audience:</b> Healthcare teams, law, and order sector</p>	<p><b>Startup Stage:</b> Validation</p> <p><b>Price:</b> INR 1,000 to 1,500</p> <p><b>Production:</b> 10 units per day</p>	<p><b>Logistics:</b> They need assistance in the supply chain- components, assembly, and manufacturing restricted due to lockdown.</p>
<ul style="list-style-type: none"> <li>The company has compact trackers to monitor both people and assets in near real-time.</li> <li>These trackers are body-worn/ attachable and have temperature monitors on them.</li> <li>The RF technology used is LoRaWAN. This enables city-wide coverage and 200m accuracy, battery-powered tracker that could last for over 1 year.</li> <li>This enables keeping track of people, their location, and temperature remotely and requiring little or no configuration on the client-side.</li> </ul>			