



Date: 10th November 2021

To Whomsoever it may concern

This is to Certify that in the era of COVID19 Pandemic and Global Technological Changing Trends, we @ **Advoltis Private Ltd** has taken a big step in **Developing a Hands Free Fully Automated CPR Device**.

Advoltis has collaborated and tied up with **Dr. Akshara Jogi who has originally come up with this Ideation** and is in the process of Developing this Full Indigenous Hands Free Fully Automated Design keeping in mind the surge in Cardiac Arrests in India and catering to the much-needed Emergency Response Device aiding in reducing the high mortality rate due to Cardiac Arrests in India especially for the Rural and Semi Urban areas., with an aim of being part of continuous improvement in the Indian Healthcare System.

The NEED for this device and why we are developing it?

This hands-free fully automated CPR device will be one of the **first indigenously developed** fully automated CPR device aimed at ensuring emergency cardiopulmonary resuscitation within 5 min of any event of cardiac arrest occurring in public places or at various levels of health-care.

Current CPR devices available in the Indian Market are been fully imported from Developed market and are highly expensive and none of them cater to the needs of rural India where there is scarcity of resources as well as trained manpower. Further, majority of these current available devices are semi-automated or manually operated and hence ridden with a numerous short-comings which lower the efficacy of CPR, the most important being the rescuer's fatigue.

Most importantly, during **COVID-19 pandemic**, a massive surge of over 50% was observed in cases of cardiac arrest as mentioned in various studies across the globe. There is a very high risk of the caregivers contracting the illness while giving CPR manually. Our device being hands-free and fully automated, it will help minimize the contact of health-care provider with the patient, thereby reducing the risk of the former contracting COVID-19 (or any other air-borne/ droplet-borne contagious disease for that matter).

Our device being user-friendly can be safely used by even minimally trained persons. Its regular use, will help ease out the strain on medical system by decreasing the requirement of trained manpower in providing basic life support.

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WHO WE ARE – ADVOLTIS?

Advoltis Pvt Ltd - CIN # U74999KA2018PTC109960 has been established by a highly professional and passionate team offering Integrated Technology Solutions and Change Management Solutions utilizing our diversified multidisciplinary Product Development experiences. **Advoltis** has had built an excellent Trust with all our Customers and Partners through our Quality Service and Solutions.

We are channel partners in various multi disciplines such as Electrical, Instrumentation, Mechanical and Software Solutions experts assuring our customers with an Integrated approach for supply of all Laboratory and Test Solutions includes Sample Preparation systems, Scientific Analytical Instruments, Test Measurement Systems, Laboratory Information Management Systems and Online Manufacturing Test Automation Solutions covering Research Institutes, Pharmaceuticals, food safety, environmental safety, quality and material analysis.

We pride ourselves in providing robust and reliable customized solutions offering Cost effective Technology driven Integrated Solutions, Services and Partnerships to our customers being part of their Research, Product Development and Manufacturing ecosystem.....

Dr. Akshara Jogi has come up the Ideation of this CPR device and is continuously involved in the concept development and will continue to contribute as a clinician during the process of this Device Development and later in Clinical Trials.

Regards,

Authorized Signatory

for Advoltis Private Limited
Director - Business Development

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