

## Write-up for M/s Agatsa Software Pvt Ltd, Noida



Technology Development Board (TDB) entered into a Loan Agreement with M/s Agatsa Software Pvt Ltd, Noida on 20<sup>th</sup> September 2019, to provide financial assistance of Rs. 391.00 lakh, out of the total project cost of Rs. 1148.00 lakh.

M/s Agatsa Software Pvt Ltd is a start-up company established in March 2010. The company has indigenously designed and developed an innovative match-box size device called "Sanket Life", that can perform sequential 12 LEAD ECG test. The device can be connected to a smart phone via Bluetooth and the ECG is displayed on the mobile's screen through the company's in-house developed mobile application. The generated ECG report can also be sent to a cardiologist for review, through Agatsa's integrated Cloud platform. It is a self-use device and does not require patient cables or gels. Sanket Life uses Agatsa's indigenously developed software technology to offer Cloud and SDK based integration for Android / iOS platform. The prototype "Sanket Life 1.0" was developed at the Department of Science & Technology incubator at JSSATE, Noida during 2015-2016. Since then, the company is extensively working on their R & D and business expansion to commercialize their product with improved features. In the project submitted to TDB, company plans to commercialize "Sanket Life 2.0" and expand their manufacturing capabilities from existing 200 units/month to 10000 units/month, by introducing automation in the manufacturing processes.

The commercial potential is tremendous for arrhythmia detection and in emergency cases like heart attacks and cardiac arrests. The product could be potentially used in primary healthcare centers, since it doesn't require electricity and expensive satellite-based telemedicine facility. There are many efforts on parallel developments around the globe, and some products are already in the market. However, this device has the lowest cost and is the best for touch ECG recording 12 Lead sequentially.