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Dozee, Savemom bag Anjani Mashelkar Inclusive Innovation Awards 2020

17 December 2020 | News

Set up by reputed scientist RA Mashelkar in memory of his mother who always persuaded him to use science and technology for the benefit of the needy

2020 marks the 10th anniversary of the Anjani Mashelkar Inclusive Innovation Awards set up by reputed scientist RA Mashelkar in memory of his mother who always persuaded him to use science and technology for the benefit of the needy.

This milestone year's winners are 'Savemom' by JioVio Healthcare (Non-COVID category) and 'Dozee' by Turtle Shell Technologies (COVID category)- two fantastic innovations with the potential to totally transform Indian healthcare.

Completely Made in India, Dozee tracks and continuously monitors key vitals of the human body such as heart rate, respiration rate, oxygen saturation, sleep stages, stress-recovery and more with a medical-grade 98.4% accuracy. The contactless sensor, placed under the mattress captures real-time body vitals without using any external wires or touching the user's body. The sensor captures micro-vibrations produced by the body every time the heart pumps blood, during inhalation, exhalation, muscle twitches, tremors and body movements. An AI-powered, Early Warning System then converts these signals into biomarkers and uses the data to present an analysis of the patient's health.

Savemom, by JioVio Healthcare, is an IoT based maternal health care solution that promises to effectively address the malady of poor maternal healthcare in the remote regions of India.

JioVio has collaborated with the government and NGOs to provide 1000 days care to mother and child for Rs 1000 covering 15 antenatal check-ups of the mother and post-natal care of the baby. Their solution is already deployed in 100 + southern states and has benefitted 2000+ pregnant women.

"The Anjani Mashelkar Foundation will now work with Dozee and Savemom teams to boost these innovations and expand their reach. If you have any opportunities for partnering with these innovations, please do get in touch with me.

Through this award, we have succeeded in making our own humble contribution to an Inclusive Innovation movement in India. I have also set up the Anjani Mashelkar Foundation to further drive the inclusive innovation agenda – please visit http://mashelkarfoundation.org to know more", says Dr. R.A. Mashelkar, National Research Professor.