

# 4<sup>th</sup> International Conference on DIABETES & ITS TREATMENT

## & International Conference on CLINICAL AND MEDICAL CASE REPORTS

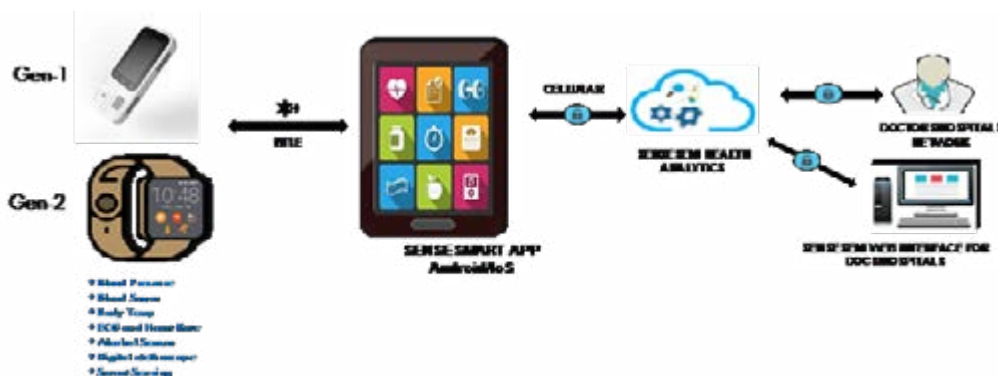
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### Sensesmart health eco system for body vital monitoring near real time for chronic disease/geriatric homecare

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With ease to use devcies and wearable technologies of today, it is possible to monitor and collect the health paramaters reliably and regularly and draw conclusions regarding the state the state of the health and can get faster interventions of medical experts when conditions are not right. The health data collected can be processed for additional information of the vital parameter trends, instinctive abnormalities, reapeation frequency patterns of the abnormalities and variations to the medical experts for correct diagnostic decisions and care planning. Advanced and intelligent signal processing,analytical and statistical

algorithms offer great assistance to doctors to diagnose and plan the care offering. This user friendly information makes the anxious patients aware of the situation and manage their health and needed assistance. Sensesemi's health eco system shown in figure 1 consisting of easy to use handheld integrated device which monitors vitals blood pressure, blood glucose,heart rate, Body temperature and ECG in the first release which will soon be expanded with other parameters. The the lifestyle information is collected by the eco system as the user input and machine learnt as the user uses the device for determining the overall health of the person.



### Biography

Veena S Chakravarthi has completed her PhD in Electronics from Bangalore University and has extensively worked in VLSI and semiconductor industry for three decades before co founding healthcare company Sensesemi technologies Pvt. Ltd in 2014. She is vice chair of Nano technology council of IEEE, Bangalore Section. She is Research Professor (on sabbatical) in the department of ECE, BNM Institute of Technology, Bangalore and Previously, She has served companies like ITI Ltd., Mindtree Consulting Pvt. Ltd., Centillum India Pvt Ltd., Transwitch India Pvt. Ltd., in various capacities with more than six- multimillion gate System on chip (SoC) developments to her credit. She has worked on Wireless Technologies like Bluetooth, WiFi, Ethernet, GigEPON and Communication. She was the Chairperson, IEEE Nanotechnology Council, IEEE Bangalore section for the last two successive terms and now the vice chair of the same. She has published over 35 technical papers and filed 2 patents in VLSI and Healthcare fields. She is Senior IEEE member. Mr. Vijaykumar Muktamath, Founder and CEO of Sensesemi Technologies Pvt. Ltd. holds masters in electronics and has worked in Bionic project in the University of Melbourne, Australia. He has worked in VLSI companies like NEC, LSI and co founder of Asarva chips and Technologies,Bangaore before he Founded Sensesemi technologies Pvt. Ltd.,Bangalore in 2014.

Vijaykumar Muktamath, Founder and CEO of Sensesemi Technologies Pvt. Ltd. holds masters in electronics and has worked in Bionic project in the University of Melbourne, Australia. He has worked in VLSI companies like NEC, LSI and co founder of Asarva chips and Technologies,Bangaore before he Founded Sensesemi technologies Pvt. Ltd.,Bangalore in 2014.

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