

VIGNAN UNIVERSITY :: VADLAMUDI

Title of the Project	:	Portable ECG System Design
Funding Agency and Scheme of the Project Sanctioned Amount	:	Vignan's Engineering College, Vadlamudi
Duration of the Project	:	-
Sanctioned Amount (Rs.)	:	1.1 Lakhs
Status of the Project	:	On-going
Name of Principal Investigator	:	Dr. Puvvada Ramesh
Name of Co-Investigartor	:	-
Project Summary	:	
Objective and Outcome of the Project	:	

Of the Rs. 1.1 Lakhs sanctioned to me an amount of Rs. 50,731/- was spent on a Digital Storage Oscilloscope. Further A USB port based data acquisition system was imported from Canada at a cost of Rs. 11,365/-

The following gadgets were realized using the equipment purchased under the research grant.

1. A USB port based ECG system.
2. A USB port based Bed side monitor for ICU
3. A PSoC based ECG system

The following papers were published utilizing the above grant.

1. A USB port based bed side monitor

Jagadish kommineni, Anil kumar Bikki and Puvvada Ramesh
Journal of Instrument Society of India, 39, 187-88, 2009.

2. A PSoC based ECG system

Ch. Ramesh Babu, A.V. Nageswara Rao and Dr. Puvada Ramesh
Journal of Insturment Society of India (Under Print)