

Low Cost Digital Thermometer and ECG

Contact Person

Amit Nimunkar

Dept. of Biomedical Engineering

Phone: 698-7413, Email: ajnimunkar@wisc.edu

Team

Colleen Farrell (Team Leader)

Tasha Benkovich (BSAC)

Deborah Yagow (BWIG)

Hallie Kreitlow (Communicator)

Week

January 30 to February 5, 2009

Problem Statement

Emerging countries are in need of a low cost ECG and digital thermometer to interface with innovative display technology. These devices should incorporate circuitry with a human sensory interface.

Last Week's Goals

- Begin preliminary PDS
- Meet with Amit
- Attend supplementary electronics seminar
- Continue research of temperature measurement to decide on what technology fits best with this project

Accomplishments

- Met with Amit regarding specifications of the project
- Attended supplementary electronics seminar; practiced building circuits with resistors, diodes, and LEDs.
- Wrote first draft of our PDS with the specifications given by Amit
- Met with Prof. Webster and discussed our electronics research and the project details

This Week's Goals

- Get our website running and updated with picture, PDS
- Meet with Amit again to narrow down project details
- Continue research on temperature measurement
- Start narrowing our research to context of the project

