

MINIPROJECT

Bi-Weekly Report
Group No:06
Guided By:Ajay James
Done By:Merin Mathew

March 8, 2012

1 Title:

Intelligent power saving system

2 My Study:

- Studied the working of microcontroller PIC16F72.
- Studied LDR for detecting the light intensity.
- Studied the registers and timers available to program the microcontroller.
- Studied the I2C protocol for the communication between hardware components.
- Studied the communication needed between different components.
- Discussed the temperature ranges for coding the thermostat.
- Studied the programming of microcontroller.
- Studied I2C bus specifications.
- Discussed the entire logic to be coded.
- Studied the interfacing of LCD display with the microcontroller
- Started to develop the code for the microcontroller.