

List of Figures

Figure 2.1:- Raspberry Pi.....	03
Figure 2.2:- Microcontroller(Atmega328P).....	04
Figure 2.3:- Passive InfraRed (PIR) Sensor.....	05
Figure 2.4:- LM35 Temperature Sensor.....	06
Figure 2.5:- Real Time Clock (DS1307).....	07
Figure 2.6:- Block Diagram.....	09
Figure 3.1:- Flowchart of Adaptive Internal Lighting System.....	11
Figure 3.2:- Adaptive Lighting System Design.....	12
Figure 3.3:- Flowchart of Automatic External Lighting System.....	13
Figure 3.4:- Automatic Lighting System Design.....	14
Figure 3.5:- Flowchart of Automatic Water Pump design.....	15
Figure 3.6:- Automatic Water Pump System Design.....	16
Figure 3.7:- Flowchart of Password Enabled Door Lock System.....	17
Figure 3.8:- Password Enabled Door Lock Design.....	18
Figure 3.9:- Flowchart of Interactive Music Player System.....	19
Figure 3.10 :- Interactive Music Player System.....	20
Figure 3.11 :- Power Supply Design.....	21
Figure 3.14 :- Flowchart of RTC System.....	22