**GSM CONTROLLED HOME APPLIANCES**

**ABSTRACT**

The Project mainly aims in designing completely automated switch board with the help of GSM to control the House hold appliances and also to provide user friendly environment of the user to operate the devices effectively. It majorly aims in providing a reliable system for illiterates and old age people who finds difficult in operating few high end devices like AC, Water heaters etc.

Automation is the most frequently spelled term in the field of electronics. The Hunger for automation brought many revolutions in the existing technologies. One among the technologies which had greater developments is GSM Sensors. This had greater importance than any other technologies due to its user-friendly nature. GSM sensor based devices can be easily reachable to the common man due to its simpler operation and at the same time it challenges the designers of the device. This GSM sensor can be used as replacement of existing switches in home which produces sparks and also results in fire accidents in few situations. Considering the advantages of GSM Sensors an advanced automation system was developed to control the appliances in the Home.

**BLOCK DIAGRAM:**

**GSM**

**MODEM**

**Relay 1**

**MICRO**

**CONTROLLER**

**PIC 16F877A**

**Light**

**MAX232**

**Relay 2**

**DC FAN**

**RPS**

**CRYSTAL**