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**FINAL REPORT OF DIPLOMA PROJECT**

**REMOTE CONTROL USING TELEPHONE**

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## **ABSTRACT**

Remote control using telephone is a control system connected to desired appliance and acts as a switch. However this remote control limits its number of appliance to be connected to it.

In this report, a new method of making use of the telephone is discovered. It uses the signal from the telephone line and the telephone keypad as its interface with the appliance.

The purpose of this project is to enhance the use of telephone rather than use it as a communication tool.

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# CHAPTER 1

## INTRODUCTION

### 1.1 Background

We live in a fast moving, highly sophisticated world and telephone is a very important tool in order to adapt in this world. Almost everyone owns a telephone today. The main function of the telephone is basically as a communication tool, thus making the world a smaller place to live.

Though everyone knows that telephone is a communication tool, we can also modify it to make it more useful. Let's take a simple case study. Imagine you are sitting in your living room in your house, watching the television and the telephone is next to you, in case somebody calls. It's a hot day and you decided to switch on the fan but you don't want to leave the chair because something interesting is on TV. Hours pass by and it's now getting dark but you still don't want to leave your comfortable chair to get to the light switch. So, wouldn't it be easier if both the fan and the light switch are next to you and it can be easily reachable?

Here, we have come up with the idea to make the telephone as the switch rather than just use it as a communication tool. The buttons on the phone acts as the substitute to the fan and light switch. By connecting some lengthy wires to the fan and light and just by a press of a button we can switch on or off the respective appliance without leaving the chair.