

A

Report on

ELECTRONIC WATCHDOG PROJECT

A report submitted for the partial fulfillment of the requirements for Mini Project of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

ANIVILLA PADMINI PRASANTHI (20815A0403)

Under the guidance of

Mr K V S Ganesh Mtech

Assistant Professor



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

TAMARAM, MAKAVARAPALEM, NARSIPATNAM-531113

2021-2022

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Tamaram, makavarapalem, narsipatnam road, Visakhapatnam dist-531113

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINI PROJECT

(ELECTRONIC WATCHDOG PROJECT)

BY

NAME: ANIVILLA PADMINI PRASANTHI

REG NO: 20815A0403



INTERNAL COORDINATORS



EXTERNAL EXAMINER



HOD, ECE

HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg. & T
Makavarapalem, Visakhapatnam Dist-5

ELECTRONIC WATCH DOG PROJECT

ABSTRACT

Traditionally or even now many people have pet dogs stationed on their home entrance. The purpose of the dogs is that they bark whenever a person enters through the gate/door this is what names this project as electronic watch dog project as it performs the same task of detecting the presence of a person at the entrance of a premises. A pair of IR sensors transmitter and receiver are placed at the entrance of premises that needs to be secured this is what does the trick in our case in the project when a person or an intruder who doesn't know about the security device installed at the entrance enters through the door, the IR rays get cutting of IR rays triggers a series of events in the circuit eventually ringing a burglar alarm hearing the alarm the owner of the premises can come to know that someone has entered through the door. Similarly, this device can be installed which ever perimeter is needed to be secure from intruders.