

# **GSM & IoT ENABLED MULTI SECURITY SYSTEM**

A project report submitted to Jawaharlal Nehru Technological University, Kakinada in the partial fulfillment of the requirements for the award of degree of

## **BACHELOR OF TECHNOLOGY**

In

## **ELECTRONICS AND COMMUNICATION ENGINEERING**

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**AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY**

**(Approved by AICTE and Permanently Affiliated to JNTU- KAKINADA, AP)  
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This is to certify that project work is entitled **“GSM & IoT ENABLED MULTI SECURITY SYSTEM “** in partial fulfillment for the degree of bachelor of technology in ELECTRONICS AND COMMUNICATION ENGINEERING, at AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, MAKAVARAPALEM, VISAKHAPATNAM is an bonafied work carried out by S.KOMALI, V.LALITHAMOUNIKA, D.GIRIDHAR SAI, K.V.V.PARASURAM under the guidance and supervision during 2016-2020.

### INTERNAL GUIDE

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## ABSTRACT

An approach to make the premises completely secure against burglary, intruder, fire and gas leakage. We can see that our society urbanisation is spreading much faster and simultaneously threat against un-social activities also increasing. So to avoid and protect against this un-social and un-intentional accident which leads to calamity kind of situation we are proposing a reliable solution. In this project we will be using Fire sensors, Gas sensor, Intruder detector and GSM. This system has to be turn on when you are not available inside the premises (it can be any house or office or workplace). This system continuously monitors fire, smoke and intruder and if anything detected here then it will identify the cause of this trigger and inform it over SMS and simultaneously on cloud, so that the necessary actions can be taken. We use Cloud and GSM both for informing because sometimes network can have glitches, so two options and methods to inform are better than a single one.