

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM 590010**



A REPORT ON PROJECT WORK

GSM BASED AUTO DIALING SYSTEM

(Sponsored by K.S.C.S.T, Bangalore)

Submitted in partial fulfillment of the requirements for the award of the degree of

**BACHELOR OF ENGINEERING
IN
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PROJECT GUIDE

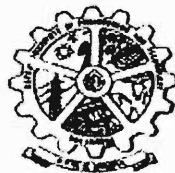
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ABSTRACT

Security is one of the major problems encountered nowadays in big cities. Security systems available in the market are costly and cord-based. When lock and keys become less safe, one can seek the help of electronic security systems.

Nowadays security is the major problem for all places such as bank, house, ATM, shopping malls colleges etc. Think of a situation when we are going to outstation, while the home is not safe. There might be accidents like gas leakage, fire occurrence, theft, unauthorized opening of door taking place. Our project GSM based auto dialing system deals with such problems.

This auto dialing system is designed to acknowledge a particular person about the accidents taking place at home by giving call to that person. Here we have used GSM service to acknowledge a particular person. The user activates the system just by switching ON the power supply.

Once the auto dialer unit is activated and when the fire, Gas leakage, theft, unauthorized opening of door takes place it is detected by the sensor and this control signal is given to the control unit (Microcontroller unit). The microcontroller unit is activating the GSM mobile. The auto-dialer unit gives the warning information to the particular person mobile.