

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM-590014**



**Project Report
On
“VEHICLE THEFT CONTROL AND REMOTE
MONITORING USING GPS AND GSM”
(Submitted under the 35th Series of SPP, KSCST)**

Submitted in the partial fulfilment of the requirements for the Award of

**BACHELOR OF ENGINEERING DEGREE
IN
INFORMATION SCIENCE & ENGINEERING**

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ABSTRACT

This project deals with the design & development of a theft control system for an automobile, which is being used to prevent the theft of a vehicle. The developed system makes use of an embedded system based on Global System for Mobile communication (GSM) technology. The designed & developed system is installed in the vehicle. An interfacing mobile is also connected to the microcontroller, which is in turn, connected to the engine. Once, the vehicle is being stolen, the information is being used by the vehicle owner for further processing.

The information is passed onto the central processing insurance system which is in the form of the SMS, the microcontroller unit reads the SMS and sends it to the Global Positioning System (GPS) module and using the triangulation method, GPS module feeds the exact location in the form of latitude and longitude to the Fixed Based Station. By reading the signals received by the GSM, one can control the ignition of the engine say to lock it or to stop the engine immediately.