

# **Antitheft Vehicle using Finger Print Sensor**

## **Abstract**

At present, the usage of vehicle has become a basic necessity for everyone. Besides, fortifying the vehicle against theft is also very important. Vehicle thefts, misplacing keys or losing keys are some serious issues faced by owners. In this paper, we are proposing a solution for these issues by using fingerprint anti-theft system for vehicle safety. A fingerprint of every person is unique, even identical twins don't have the same fingerprint. Because of this fingerprint recognition technique, we can annihilate fear of losing keys or misplacing keys. A fingerprint recognition technique allows accessing only those fingerprints that are stored in the library. In case of vehicle theft we use GPS technology for identifying the vehicle.

Biometrics is an automated recognition of individuals based on their physical and behavioral characteristics. There are different types of biometrics which are classified on their physiological and behavioral characteristics. Examples using physiological characteristics are fingerprint, face, DNA, iris, hand. Examples of behavioral characteristics are voice, signature and key strokes. Fingerprint biometric is one of the popular, ubiquitous, reliable, economical and efficient biometric technologies. Due to its versatility, fingerprint biometric is applicable.

It is a vehicle security gadget that offers a better and fancy insurance to one's vehicle. However this framework cannot be established to give complete security and directness to the vehicle in the event of burglary. So a more secure framework makes the utilization of an inserted framework which is being focused around GSM and GPS innovation. This demarcated and created framework is introduced in the vehicle which aims at providing real time tracking and active notification to user and helps prevent the probable theft.

## Block Diagram:

