**Project Title**

**Digital Lock with Biometric authenticity**

**Abstract:**

In today’s world security is becoming a challenging task as it is prominent everywhere. Because, Everyone wants to secure their fixed tangible assets. Banks, organisations, educational institutes, houses etc.., are using locking system as a security resource to avoid illegitimate entries from outside. Today internet makes everything connected in a network. It has made the communication easy through the digital gadgets. Having a normal lock for our physical asset like house, locker etc.., may not provide security to the extent which today’s world need. The use of Microcontroller, Finger print sensor, GSM module and some electronic components will contribute their part in increasing the present security level and can fill communication gap between the target asset and its stake holder. Using the internet as a medium, making the locking system digital with more security and providing communication of device with user may realize the need of present world’s user. Our project will implements the proposed mechanism by simulating the morphology of normal lock having digital features like finger print authenticity, alerting the stake holder in various scenarios etc..