

A Major Project Report on  
**FINGERPRINT BASED BANK LOCKER WITH SMS ALERT**

*Submitted to*  
**Jawaharlal Nehru Technological University, Hyderabad**

*in the partial engulphment of the requirements for  
the award of the degree of*

**BACHELOR OF TECHNOLOGY**

**In**

**ELECTRONICS AND COMMUNICATION ENGINEERING**

**by**

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## CERTIFICATE

This is to certify that the major project entitled "**FINGERPRINT BASED BANK LOCKER WITH SMS ALERT**" submitted to JNTUH is carried out by the following students of IV B.Tech in the partial fulfillment of requirement for the award of degree of Bachelor of Technology in Electronics and Communication Engineering during academic year 2022-23.

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## ABSTRACT

Theft is one of the major problems in today's world places like in offices and other public places should not be secured so that issues to make secure our documents and precious things so we have decided to make this type of security system that will be more usable to all the people. This system assures the perfect use on the fingerprints for door opening and closing. Through the project we can provide high security to users.

The fingerprinted authenticated bank locker system is safe as well as easy to use and maintain.

No key handling no need to worry about key getting lost. The system uses fingerprint sensing to read fingerprints and first store registered fingerprints against the bank locker record. Now next time a person scans finger the sensor reads it and compares it with past records.

Now if match is found with existing prints, it sends the match signal to the microcontroller and the controller displays this data on the LCD display. Also, the controller drives the driver motor to open the bank locker door and opens it for authorized customers. The door of locker won't open for unauthorized customers.



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