



## IDEAL DEGREE COLLEGE FOR WOMEN

DILSUKHNAGAR, HYDERABAD-60

This is to certify the project work entitled  
"DOOR LOCK SYSTEM"  
is done by

NAME: PALAKURA JYOSHNA

HALL TICKET NUMBER: 110421474018

GROUP: B.Sc MECs

This work has been carried out under my guidance.

*Jyella*  
MENTOR



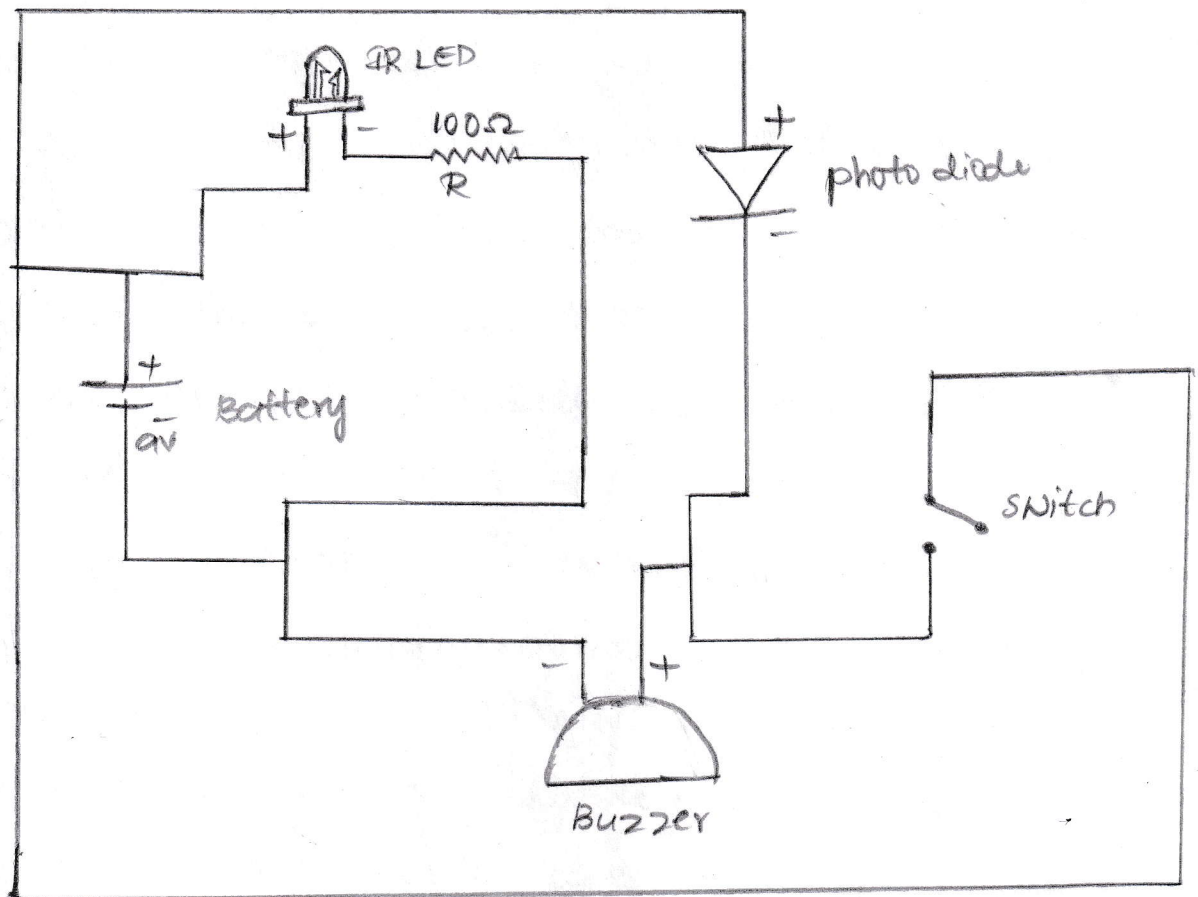
*Bhadhundan*  
PRINCIPAL  
Ideal Degree College for Women  
Dilsukhnagar, Hyderabad-60

# TITLE - DOOR LOCK SYSTEM PROJECT

## Components Required :

- Battery - 9V
- Wires
- Resistor -  $100\Omega$
- photo diode - 1
- Buzzer - 1
- Switch - 1
- Cardboard sheet
- IR Receiver - 1

## Circuit Diagram



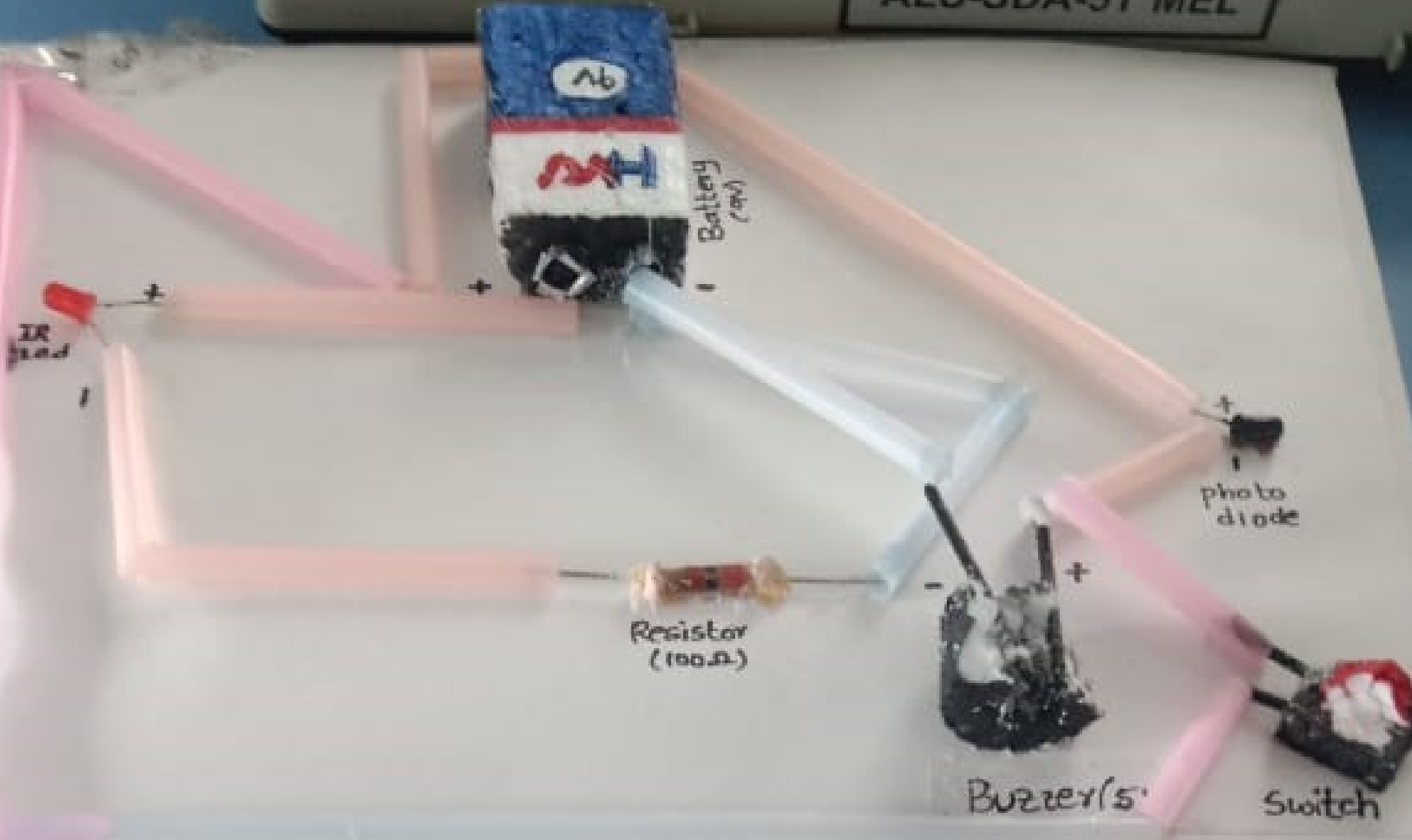
## Applications

Electronic door locks have become an integral part of our lives. They allow you to forget the problems associated with handing over keys to relatives or guests from another city, restrict access to private premises or set up access control in office buildings, as well as optimize the work of an administrator in a hotel.

Modern electronic locks are much more convenient and efficient than their mechanical counterparts. You can unlock such a lock with a simple key, and in a more convenient way. As the detector unlocks the electronic lock, a magnetic card, a barcode, a fingerprint or an alphanumeric code entered from the keyboard can be used. These are especially widely used in access control systems.

Done by Spandana,  
Tyoshna,  
Keerthana,  
Shiraleela,  
Dikshitha,  
4<sup>th</sup> Sem MECS.

ALS-SDA-51 MEL



DOOR LOCK SYSTEM



MECS

MECS  
2022 batch