

**M.KUMARASAMY COLLEGE OF ENGINEERING, Karur-639111**

Department of Electronics and Communication Engineering

**IOT Assignment**

**TOPIC :** Write python code for blinking LED and Traffic lights  
for Raspberry pi.

**DOMAIN NAME :** Internet Of Things

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**MENTOR NAME : KAARTHIK K**

**CODE:**

```
import RPi.GPIO as GPIO # Import Raspberry Pi GPIO library
from time import sleep # Import the sleep function from the time module
GPIO.setwarnings(False) #Ignore warning for now
GPIO.setmode(GPIO BOARD) #Use physical pin numbering
GPIO.setup(8,GPIO.OUT,initial=GPIO.LOW)#Set pin 8 to be an output pin and set initial value to
low(off) While True: #Run forever
    GPIO.output(8,GPIO.HIGH) #Turn on
    sleep(1) #Sleep for 1 second
    GPIO.output(8,GPIO.LOW) #Turn off
    sleep(1)#Sleep for 1 second
```