

**VSB ENGINEERING COLLEGE,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

**NAME:** SHOORIYA PRABHAA S

**MENTOR NAME:** Nandhini P

## 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
```