

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: THIYAGARAJAN R

MENTOR NAME : VALLI SUSEELA R

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
```