

GOVERNMENT COLLEGE OF ENGINEERING, SALEM

(Department Of Electronics and Communication Engineering)

ASSIGNMENT -3

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DEPT: ECE

Python code for blinking LED and Traffic lights for Raspberry pi

CODE:

```
import RPi.GPIO as GPIO # Importing Raspberry Pi GPIO lib 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
```