**Practical no : 9**

**Raspberry pi-camera**

Connect camera to the cicuit

Power on

Sudo apt-get install python\_picamera

Sudo apt-get install python3-picamera

Sudo pip install picamera

Sudo rasp-config

Interfacing option

Camera

Yes

Ok

Finish

Reboot

**#program to capture image starts**

Import time

Import picamera

Camera = picamera. Picamera ()

Camera.solution=(1024.768)

Camera.start\_preview()

Time.sleep(2)

Camera.capture(‘test.jpg’)

Camera.stop\_preview()

#program to capture image ends

Save file = cameratest.py

Run =camera opens

**# program to capture video starts**

Import picamera

Camera=picamera.picamera()

Camera .resolution=(648,480)

Camera . start\_recording(‘test\_video.h264’)

Camera . wait\_recording(10)

Camera . stop\_recording()

Print(‘finished’)

#program to capture videoends

# cd / hone /where video has saved

$ sudo omxplayer test\_video.h264