

# MINI PROJECT

## COMPUTER VISION AND CONTROL

**Group Members:** RAKSHITHA -4NM20IS113

SHRIRAJ-4NM20IS147

SUBRAHMANYA-4NM20IS159

**Problem statement:** To trigger certain actions upon the movement of specified object, color, hand gestures etc without any manual input.

**Objective:** To perform actions without actually giving any input through touchpad or mouse. OpenCV is a Python library that allows to perform image processing and computer vision tasks. It provides a wide range of features, including object detection, face recognition. The term Computer Vision (CV) essentially means giving a computer the ability to see the world as we humans do. Computer Vision is a field of study which enables computers to replicate the human visual system.

**Technology used:** Python OPENCV, PYTHONAUTO GUI.