Visual Perception using OpenCV
Arun J1, K G Prashanth2, Nivedita MB3, Nithin B4, Dr. Shiv Prasad KM5
Students, B.E 4th Year, Department of Computer Science and Engineering1,2,3,4
Assistant Professor, Department of Computer Science and Engineering5
Rao Bahadur Y Mahabaleswarappa Engineering College Bellary, Karnataka, India
Affiliated to Visvesvaraya Technological University, Ballari, Karnataka, India

Abstract: Visual Perception is related with detecting objects. Detection of the object is done by using YOLO network. There are multiple object detection algorithms like Fast-Convolutional Neural Network (Fast-CNN), Faster-Convolutional Neural Network(Faster-CNN), Regional-Convolutional Neural Network (R-CNN) that does not process the whole image at a time, but when compared to these, YOLO looks at the image completely and then passes it to the single network, which then predicts the bounding boxes using convolutional network and class probabilities for these bounding box and detects the image faster and accurately.

Keywords: Fast-CNN, R-CNN

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