

**Title : EDD / D&D / Major Project Registration & Progress Review****FF No. 180**

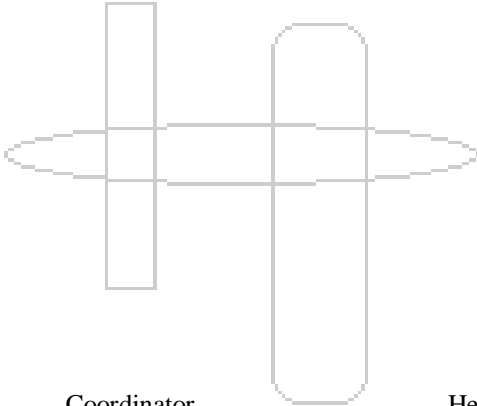
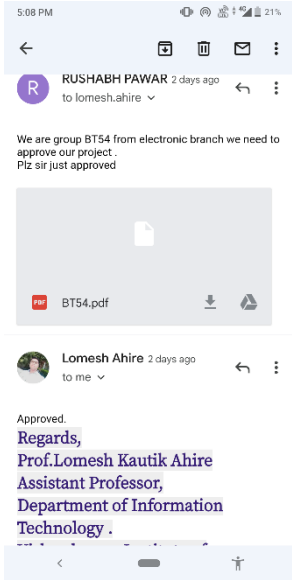
<b>Department: Electronics</b>	<b>Academic Year:2020-21</b>
<b>Semester : 7</b>	<b>Group No. : BT54</b>
<b>Project Title: Object detection in real time</b>	
<b>Project Area: python , OpenCv</b>	

**Group Members Details:**

Sr. No.	Class & Div.	Roll No.	G.R.No.	Name of Student	Contact No.	Email ID
1	BT - B	24	11811022	Rushabh H Pawar	9373056138	Rushabh.pawar18@vit.edu
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3						
4						

Name of Internal Guide: Prof. Lomesh Ahire  
Contact No.: 8806668502      Email ID:

Project approved / Not approved



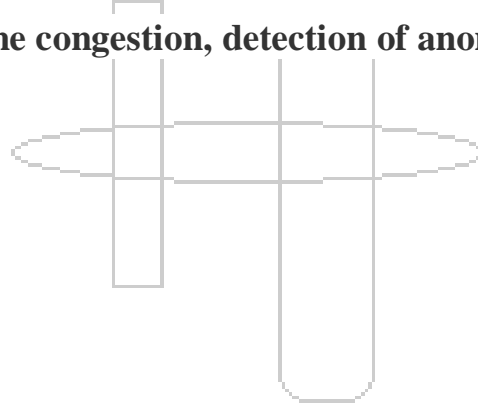
Guide

Coordinator

Head of Department

## **Project Synopsis:**

- **Our project focuses on detection of an object and real time detection**
- **In this project, we have implemented an object detection using ssdmobilenetv3 algorithms and also some machine learning features. SSD using an arbitrary backbone that are extracting the features of an object.**
- **After detect an object that will show which object with particular label and also in real time**
- **This project can be used an application for Automatic Visual surveillance has wide area of applications such as human identification at a distance, monitoring the congestion, detection of anomalous behaviours etc.**



Group No.			
Activity	Review Schedule	Progress Review Report submitted	Signature of Guide
Review 1	Mid Sem. Semester	Yes / No	
Review 2	End of Semester	Yes / No	

Format of Progress Review Report:

<b>Review No.: 1</b>	<b>Group No.:</b>	<b>Date:</b>
<b>Progress Review Report:</b> <ul style="list-style-type: none"><li>• Studied different deep learning techniques for object detection.</li><li>• Compared the accuracy of different deep learning algorithms.</li><li>• Read about the COCO dataset for training the model for object detection.</li><li>• Learnt implementation of Tensor flow deep learning algorithm along with Keras framework.</li></ul>		

**Signature of Guide:**

**Review No.: 2**

**Group No.:**

**Date:**

**Progress Review Report**

**Signature of Guide:**

