|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Title :** **EDD / D&D / Major Project Registration & Progress Review** | | **FF No. 180** |  |
|  | | | | | |
|  | | | | | |
| **Department: Electronics** | | **Academic Year:2020-21** | | | |
| **Semester : 7** | | **Group No. : BT54** | | | |
| **Project Title: Object detection in real time** | | | | | |
| **Project Area: python , OpenCv** | | | | | |
| **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 |
| 2 | BT-B | 64 | 11811253 | V.Nitin | 7972761499 | v.nitin18@vit.edu |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

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

|  |
| --- |
| Project approved / Not approved  Guide Coordinator Head of Department |

T**FF No** **18**

|  |
| --- |
| **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.** |

**FF No** **180**

|  |  |  |  |
| --- | --- | --- | --- |
| 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:

|  |
| --- |
| **Review No.: 1 Group No.: Date:** |
| **Progress Review Report:**   * **Studied different deep learning techniques for object detection.** * **Compared the accuracy of different deep learning algorithms.** * **Read about the COCO dataset for training the model for object detection.** * **Learnt implementation of Tensor flow deep learning algorithm along with Keras framework**. |
| **Signature of Guide:** |

|  |
| --- |
| **Review No.: 2 Group No.: Date:** |
| **Progress Review Report** |
| **Signature of Guide:** |