

# DKTE's Textile and Engineering Institute Ichalkaranji

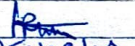



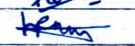
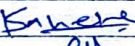








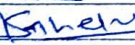



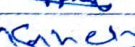







(An Autonomous Institute, Affiliated to Shivaji University, Kolhapur)

## Department of Information Technology

### Work Carried During Project Practicals

Group Number: 112

Guide Name: Prof. V. V. Kheradkar Sir

| Sr. No. | Date and Time | ISO Roll Number | Signature of Students   | Project Work Carried Out  | Remarks By Guide | Signature of Guide  |
|---------|---------------|-----------------|---|---|------------------|---|
| 1       | 3-01-20       | 16UIT12022XX    |    | Installation of OS & Required Environment on raspi  | Domain Finalized |    |
|         |               | 19UIT652        |    |   |                  |   |
|         |               | 16UIT12063XX    |    |   |                  |   |
|         |               | 17UIT72010XX    |    |   |                  |   |
| 2       | 17-01-20      | 16UIT12022XX    |    | External components fitted on three wheel Robo chasis such as camera, motor driver, sensor etc. | OK               |    |
|         |               | 19UIT652        |    |   |                  |   |
|         |               | 16UIT12063XX    |    |   |                  |   |
|         |               | 17UIT72010XX    |    |   |                  |   |
| 3       | 29-01-20      | 16UIT12022XX    |    | Attached program of sensor to raspberry pi and checked its accuracy                             | OK               |   |
|         |               | 19UIT652        |   |   |                  |   |
|         |               | 16UIT12063XX    |  |   |                  |   |
|         |               | 17UIT72010XX    |  |   |                  |   |
| 4       | 13-02-20      | 16UIT12022XX    |  | Started programming for raspberry pi camera   | OK               |  |
|         |               | 19UIT652        |  |   |                  |   |
|         |               | 16UIT12063XX    |  |   |                  |   |
|         |               | 17UIT72010XX    |  |   |                  |   |
| 5       | 20-02-20      | 16UIT12022XX    |  | Training of data set<br>Collected data set in images<br><del>and train</del>                    | OK               |  |
|         |               | 19UIT652        |  |   |                  |   |
|         |               | 16UIT12063XX    |  |   |                  |   |
|         |               | 17UIT72010XX    |  |   |                  |   |
|         |               | 16UIT12028XX    |  |   |                  |   |

(An Autonomous Institute, Affiliated to Shivaji University, Kolhapur)

### Work Carried During Project Practicals

Group Number: 102

Guide Name: Prof. V. V. Kheradkar Sir

| Sr. No. | Date and Time | ISO Roll Number  | Signature of Students | Project Work Carried Out  | Remarks By Guide | Signature of Guide |
|---------|---------------|--|-----------------------|---|------------------|--------------------|
| 6       | 27-02-20      | 16UIT12022XX<br>19UIT652<br>16UIT12063XX<br>17UIT72010XX                 | <br><br><br>          | Trained the collected data.   | OK               |                    |
| 7       | 04-03-20      | 16UIT12022XX<br>19UIT652<br>16UIT12063XX<br>17UIT72010XX<br>16UIT12028XX | <br><br><br><br>      | Applied the trained data set to program of camera to detect the road sign |                  |                    |
| 8       | 06-03-20      | 16UIT12022XX<br>19UIT652<br>17UIT72010XX<br>16UIT12063XX                 | <br><br><br>          | Combined the two modules such as sensor program and camera program        |                  |                    |
|         |               |  |                       |   |                  |                    |
|         |               |  |                       |   |                  |                    |
|         |               |  |                       |   |                  |                    |
|         |               |  |                       |   |                  |                    |
|         |               |  |                       |   |                  |                    |