**Progress Report 2 (Deep Self – Lane line detection)**

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| **Progress Report (2nd )** | 1. Convolutional Neural Networks ( CNNs )  2. Canny edge detection.  3. Data Recording & Data Processing |
| **Name and Roll Nos. of Students** | Prince Yadav 20001011503 |
| **Task Accomplished:**   1. **Canny Edge Detection :** A Canny edge detection is a multi-step algorithm to detect the edges for any input image.  * Removal of noise in input image. * Computing image pixels to obtain magnitude along x and y dimension. * Converting image into gray scale.   **2. Hough Transform:** The Hough transform is a technique which can be used to isolate features of a particular shape within an image. Because it  requires that the desired features be specified in some parametric form. Used parameters like **cropped image , rho, theta ,threshold ,lines , minimum line length, maximum line Gap.** | |
| **Comments of the supervisor** |  |
| **Date of submission to Project Coordinator** | 27/7/2022 |