Nagarjun. B.M (student)
Dr. Ambedkar Institute of Technology
ECE

The following repository is a reply to the internship assignment by PUPILMESH ltd.

The repository contains 3 sections

SECTION-1:- Developing a HANDKEYPOINT detection model was successfully implemented

SECTION-2:- Implementing a hand gesture detection with contours was implemented

SECTION-3:- Assuming you have 4 different gestures(if it's less, eliminate the rest). Overlay each of the images on hand based on the recognized hand gesture.

Section 3 was not implemented with the help of keypoint but with the Tensorflow model. With the necessary libraries, all the codes for three-section can be used to detect in real-time.
The entire coding for detection is done in Python language, using Anaconda Software in Jupyter Notebook with the access of webcam.

All the files and a video is uploaded along with this repository.

Thank You