A

Project Report

On

SOCIAL DISTANCING DETECTION WITH DEEP LEARNING TECHNIQUE
Submitted to

Department of
Computer Science and Engineering

By

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CERTIFICATE

This is to certify that the project entitled **"SOCIAL DISTANCING DETECTION WITH DEEP LEARNING TECHNIQUE"** is submitted by GUNDA SAI SUPRIYA(206Y1A0533), BALA JAHNAVI(206Y1A0505), MAHNKALI ASHWITHA SRI(206Y1A0559) and GANDESIRI SADHANA(206Y1A0530) to the department of Computer Science and Engineering during academic year 2022-23.

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ABSTRACT

In the fight against the COVID-19, social distancing has proven to be a very effective measure to slow down the spread of the disease. People are asked to limit their interactions with each other, reducing the chances of the virus being spread with physical or close contact. In past also AI/Deep Learning has shown promising results on a number of daily life problems. In this proposed system we will see the detailed explanation of how we can use Python, Computer Vision and Deep learning to monitor social distancing at public places and workplaces. To ensure social distancing protocol in public places and workplace, the social distancing detection tool that can monitor if people are keeping a safe distance from each other by analysing real time video streams from the camera, Monitoring People at workplaces, factories, shops we can integrate this tool to their security camera systems and can monitor whether people are keeping a safe distance from each other or not.

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