

Literature Review Paper - 2

A Vision-based Social Distancing and Critical Density Detection System for COVID 19

Summary

Social distancing has been proven as an effective measure against the spread of the infection Corona Virus Disease 2019. However, individuals are not used to taking the required 6-feet (2-meter) distance b/w themselves and active surveillance system capable of detecting distance b/w individuals and warning them can slow down the spread of the deadly disease. Further more, measuring social density in region of interest and modulating inflow can decrease it. Here we propose an artificial intelligence (AI) based real time social distancing detection and warning system considering four ethical system factors. This literature paper is related to our project "social distance ~~distance~~ monitoring system for COVID 19".