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(57) Abstract :
The global pandemic of the corona virus is precluded by the recommendations of the World Health Organization (WHO), so wearing a face mask in the workplace has been declared to be the only effective way to avoid getting infected. The pandemic made governments across the world to stay under Lock downs to prevent from virus transmissions. Reports show that wearing facemasks would clearly reduce the risk of transmission. With the rise in population in cities, there is a greater need for efficient city management in today's world for reducing the impact of Corona disease. For Smart Cities to prosper, major improvements to occur in public transportation, roads, businesses, houses, and the city streets, as well as other facets of city life will have to be developed. The current public bus transportation system, such as it is, should be expanded with Artificial Intelligence. The autonomous mask detection and alert system is needed to find whether the person is wearing face mask or not. This system has almost complete face-identification capabilities with respect to people's presence in the case where they are wearing masks, with an error rate of only 1.1 %. A transformation of CNN's classifiers has better efficiency over the DNN's classifier algorithm. We are also added the face-recognition security system as well, which would allow the person to enter the building only if they were wearing a face mask Deep learning and modern machine learning concepts workhorse concepts enable the artificial intelligence to achieve the greatest accuracy possible.

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