Face Mask Detection Technique and Temperature Sensing System Using IOT

Sukhbir Singh Menor, Lokesh Burile, Sanket Patil, Aman Gour, Apurva Sengar, Dr. P. R. Bokde
Department of Electronics and Communication Engineering
Priyadarshini Bhagwati College of Engineering, Nagpur, Maharashtra, India

Abstract: *The COVID 19 outbreak is wreaking havoc on the world's health. Wearing a face mask in public places and elsewhere is the most effective safety gear. COVID 19 has led governments all around the world to install shutters to prevent the virus from spreading. Wearing a face mask in public settings, according to studies, dramatically minimises the chance of infection. In this study, a machine learning model is used to monitor body temperature and recognize face masks in an intelligent IoT-enabled department. Any shopping mall, hotel, apartment entrance, and so on can employ the proposed approach. As a result, a low-cost and dependable method of using AI and nerves to produce a healthy atmosphere has emerged. The proposed framework was put to the test on the Face. The Massage Acquisition algorithm was created using the Sensor Flow software library. In addition, an unmodified heat sensor is used to monitor the human body temperature. By utilising Internet of Things (IoT) technologies, this proposed programme can get users to COVID 19.*

Keywords: Covid -19, IoT Module, Face Mask, Temperature Sensor, Arduino Uno, and other terms.

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