

(54) Title of the invention : MONITORING AND DETECTION OF COVID-19 PATIENTS USING INTERNET OF THINGS

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(57) Abstract :

The coronavirus outbreak is a threat to humanity in recent times that disrupts the global healthcare systems. The healthcare and government policies make utmost concern in preventing the infectious spread and in reducing the rate of infections in humans. In such cases, the monitoring and detection of infections across different organs in the human body are essential that may provide the original value of their heart rate and oxygen level. Further, various other parameters like blood sugar level and blood pressure are essentially monitored and safe diagnosis is carried out to save their lives. In this project, the interconnected Internet of Thing (IoT) based smart bands are used for pulse rate detection, oxygen level, and blood sugar levels. Such estimation would enable the patients to reduce the rate of infections via suitable medicines.

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