

(54) Title of the invention : PREDICTION OF COVID™19 THROUGH THE DIAGNOSIS OF TONGUE AND EYE IMAGES USING AN IOT BASED ANDROID APPLICATION

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(31) Priority Document No	:NA	(72)Name of Inventor : 1)Dr. T.Jemima Jebaseeli 2)Dr.D. Jasmine David 3)Dr. R.Venkatesan 4)Dr. K.Ramalakshmi 5)Dr.V.P.Gladis Pushparathi
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(57) Abstract :

Tongue and eye diagnosis system is a unique method of finding out the pathological conditions that occur among the patients to discriminate COVID™19. Extracting the reliable features of the tongue assists the physicians in the diagnosis of patients with Corona. There are three major steps in the major process of the tongue and eye diagnoses such as capture the tongue and retinal images, segmentation of the region of interest, extract the features, analysis, and grading of the disease. Diagnosis can be delayed due to various problems in accessing the COVID™19 kits and other examinations. The proposed system enables every user to test their health conditions that they are infected with COVID™19 and know the status as positive or negative. The sign and symptoms of the tongue and eye diagnosis through the android application help the person to get early treatment. Hence, a lot of people™s life will be saved and the death rate can be minimized.

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