**ABSTRACT:**

Currently, COVID-19 is considered to be the most dangerous and deadly disease for the human body caused by the novel coronavirus. In December 2019, the coronavirus spread rapidly around the world, thought to be originated from Wuhan in China and is responsible for a large number of deaths. Earlier detection of the COVID-19 through accurate diagnosis, particularly for the cases with no obvious symptoms, may decrease the patient’s death rate. Chest X-ray images are primarily used for the diagnosis of this disease. This research has proposed a machine vision Convolution Neural Networks (CNN) deep learning algorithm approach to detect COVID-19 from the chest X-ray images. This proposed Convolutional Neural Networks Deep Learning Model technique assured a satisfactory performance in terms of identifying COVID-19 works with a testing accuracy of 99.91%.

**HARDWARE REQUIREMENTS:**

System : Pentium i3/i5.

Hard Disk : 500 GB.

Monitor : 15’’ LED

Input Devices : Keyboard, Mouse

Ram : 4 GB

**SOFTWARE REQUIREMENTS:**

Operating system : Windows 8/10.

Coding Language : Python