ENG 384

ENGINEERING LAW

MATRIC NO;17/ENG04/036

ENGINEERING STRATEGIES FOR

HANDLING COVID;19 FOR ENVIROMENTAL

HEALTH AND ECONOMIC SUSTAINABILITY

INTRODUCTION; Covid 19 is a highly infectious respiratory disease caused by a virus called the corona virus more than 845000 people have tested positive to the corona virus according to the data compiled by the john Hopkins university

According to the W.H.O the world health organization the symptoms of the virus include fever cough shortness of breath breathing difficulties in more cases it can lead to pneumonia multiple organ failure and even death. current estimate of the incubation period is the time between infection and the onset of symptoms which is around 14 days .These virus were originally transmitted from animals to people

ENGINEERING STRATEGIES FOR HANDLING CORONA VIRUS

Manufacturers are racing against time to build new ventilators for a predicted surge in the number of corona virus patients

Companies from across the engineering spectrum have offered their assistance and work is under way to build 3000 devices but what else can engineers do to help during the national and global crisis .

PREVENT THE SPREAD;With the numbers of patient skyrocketing stopping the spread of the covid 19 is an immediate concern.multiple readers urged engineering companies to design develop and manufacture more diagnostics kits ,as well as improving logistics to distribute them quicker

Following criticism of the governments comparatively low level of testing one member suggested engineers could install intelligent body temperature detectors at schools supermarkets.

SUPPORT THE NHS ;More hospitals are being constructed with the help of the engineers as the nhs come under more pressures for example the east excel hospital in London is being co opted as a field hospital and could reportedly hold over 4000 patients

Following similar measures in china the pioneer country of the virus engineers are being allowed to conduct offsite construction

SPREAD STEM KNOWLEDGE ;While pupils might have hoped for breaks during schools closures ,teaching is ongoing this is a great opportunity to educate and inspire a future generation of engineers said David hughes

**Refrences;Include Aljazeera news**

**Wikipedia and research**

**Google news**