

# COVID INFORMER WEBSITE

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**Abstract:** Human history is observing a very strange time fighting an invisible enemy; The novel COVID-19 coronavirus. COVID-19 is a specific disease caused by newly discovered coronavirus. Various journals are offering to freely publish the articles about coronavirus. So here in this short abstract we will discuss the website about COVID-19 that we will provide to all the internet users around. This website is specifically for those who are looking for information about symptoms, prevention or treatments. Some of the features that the website is mainly focused on are health information, safety and prevention tips. Also this website will show the people about the data & insights, resources to help, support relief effort and the latest news. The impact of pandemic COVID-19 is observed in every sector around the world. The education sectors of India as well as world are badly affected by this. It has enforced the world wide lock down creating very bad effect on the students' life. Around 32 crore learners stopped to move schools/colleges, all educational activities halted in India. The outbreak of COVID-19 has advised us that change is inevitable. It has worked as a catalyst for the educational institutions to grow and opt for platforms and techniques, which have not been used before. The education sector has been fighting to survive the crises with a different approach and digitising the challenges to wash away the threat of the pandemic. This paper highlights some measures taken by Govt. of India to provide seamless education in the country. Both the positive and negative impacts of COVID-19 are discussed and some fruitful suggestions are pointed to carry out educational activities during the pandemic situation

**Keywords:** COVID-19, pandemic, emerging infectious diseases, social distancing.

## I. INTRODUCTION

The **COVID-19 pandemic in India** is part of the worldwide pandemic of coronavirus disease 2019 (COVID-19) caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). The first case of COVID-19 in India, which originated from China, was reported on 30 January 2020.<sup>[5]</sup> India currently has the largest number of confirmed cases in Asia.<sup>[6]</sup> As of April 2021, India has the second-highest number of confirmed cases in the world (after the United States) with more than 17 million reported cases of COVID-19 infection and 211,853 deaths as of 30 April 2021.<sup>[7][8]</sup>

We all know that the whole world is suffering through a pandemic situation; the novel COVID-19 coronavirus. Which was initially observed in the Wuhan province of China, and now it is fastly spreading all around the world. Covid-19 is basically a large family of viruses that cause illness ranging from the common cold to more severe diseases such as Middle East Respiratory Syndrome (MERS-CoV) and Severe Acute Respiratory Syndrome (SARS-CoV). that have not yet infected humans.

While the effects of the COVID-19 pandemic have yet to be fully understood, it is already clear that, as of mid-May 2020, the number of daily deaths due to COVID-19 is greater than that due to common causes such as malaria, suicide, or road traffic accidents. So the stated purpose of this website is to spread awareness of COVID-19. This website shares best practices and advisories including safety tips and precautions.

## LITERATURE REVIEW

Mankind has observed various pandemics throughout the history where some of them were more In most cases of self-limited infection, diagnosis of coronaviruses is unnecessary, as the disease will naturally run its course[2]. Covid-19 is the pandemic/epidemic situation after Spanish Flu 1918-1919, who has extremely influenced the health system, economy, and psychology of India[4].

A novel coronavirus (nCoV) is a new strain that has not been previously identified in humans. Coronaviruses are zoonotic, meaning they are transmitted between animals and people. Several known coronaviruses are circulating in animals that have not yet infected humans. Common signs of infection include respiratory symptoms, fever, cough, shortness of breath and breathing difficulties. In more severe cases, infection can cause pneumonia, severe acute respiratory syndrome, kidney failure and even death. In order to overcome the above disastrous scenario and serve as an aid to the healthcare researchers and the Government administrators, our work presents a comprehensive analysis of 38 research articles on Coronaviruses 2019(Covid-19)[5].



**II. PROPOSED SYSTEM**

- This website includes best practices on prevention link to authoritative information from the World Health Organization (WHO) and the centers of the disease control.
- It also includes helpful tip and tool for individual.
- This website also explain the cons of social distancing that has been widely accepted as the mitigation technique.
- This technique has dramatically hit certain sectors such as domestics air travel, hotels and chain restore NTS and thus impacting the most vulnerable people in society.

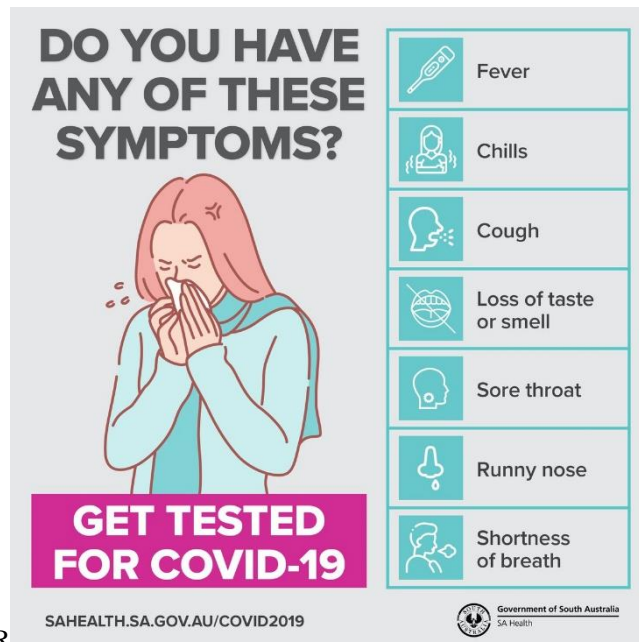
Some features that website is mainly focused are :

- Health information
- Safety and prevention tip
- Data and insights
- Resources to health
- Support relief effort
- The latest news
- It provides the detailed explanation of what the disease is and how its spread, what are symptoms and other such.
- The website also promotes the “Do the Five” campaign to raise awareness of simple measures people can take to slow the spread of the diseases.
- It also includes various questions regarding symptoms of corona virus, which will help us to detect the report whether we are positive or negative.
- Inshort this website willbe very informative and helpful for peoples to keep them safe

**IV USES**

Helping people with the right information and keeping them safe is the important part of our website.

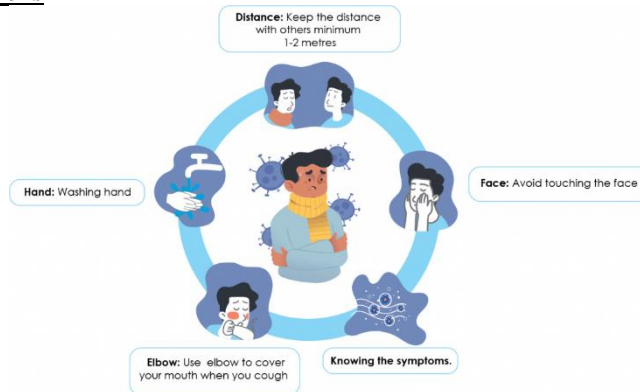
**Helps to predict symptoms**



It provides the necessary information and helps to predict the symptoms by the help of certain questions asked in our website.



**Provides necessary precautions**



It provides necessary precautions to be taken and helps us to be safe inside or outside of our house.

**Tracks the covid affected patient**

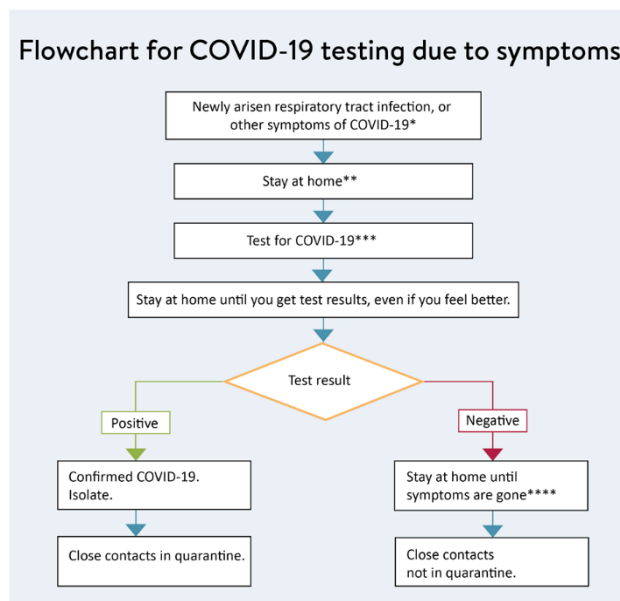


It helps us to track the covid affected patients nearby us with the help of tracker and helps us to get the idea of number of patients affected in nearby area.

**V. SYSTEM MODEL**

**V.I. FLOW CHART**

This is the flowchart for covid-19 testing this is refer as a working of website.

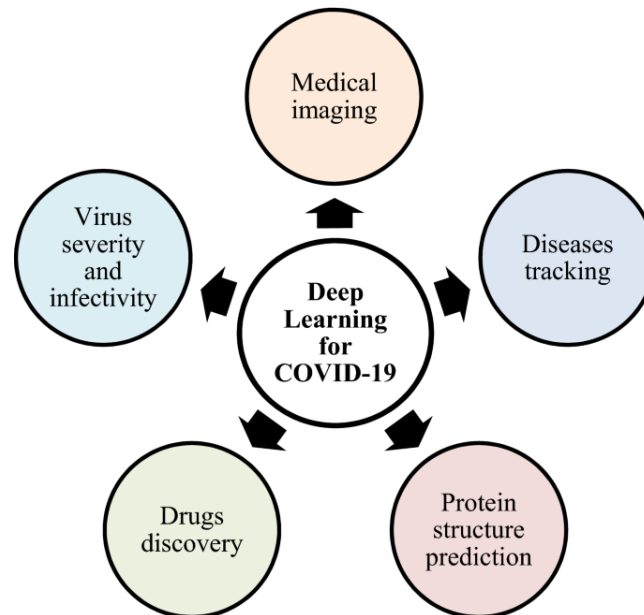




People who are already in quarantine when they develop COVID-19 symptoms are isolated and household members are quarantine until first result are available. Children of primary school / childcare age who only have a runny nose and are in general good health without symptoms of new respiratory tracked infection do not need to stay at home. For children of primary / childcare age who have mild symptoms at home before testing. If they recover quickly they can return to school / childcare without being tested. Mild residual symptoms after a respiratory track infection ( such as peristant cough and runny nose ) can be ignored.

## V.II. CONTEXT DIAGRAM

Context diagram refer as a skeleton of covid-19 website



## VI.FUTURE ENHANCEMENT

The Website would be updated in near future to overcome all the limitations. In the future there will be more requirements by the user hence to meet the user requirements the Website will be updated. Also after adding a new feature to the new website a newer version of the website will be developed hence also the Website will be enhanced.

## VII. CONCLUSION

The current COVID-19 pandemic is clearly an international public health problem. There have been rapid advances in what we know about the pathogen, how it infects cells and causes disease, and clinical characteristics of disease. Due to rapid transmission, countries around the world should increase attention into disease surveillance systems and scale up country readiness and response operations including establishing rapid response teams and improving the capacity of the national laboratory system.

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