

**INNOVATE. CREATE. SOLVE**

Bengaluru, Karnataka, India



**innovation.creation**

AN  
INTERNSHIP REPORT  
ON

**“Tribute To Doctors”**

**Bachelor of Engineering**

**In  
Mechanical Engineering**

**Submitted by: CHETHAN U V (1CR18ME014)**

**CMR INSTITUTE OF TECHNOLOGY , BENGALURU**

## ABOUT THE COMPANY

IC Solution (ICS) is a digital service provider that aims to provide software, designing and marketing solutions to individuals and businesses. At ICS, we believe that service and quality is the key to success

We provide all kinds of technological and designing solutions from Billing Software to Web Designs or any custom demand that you may have. Experience the service like none other!

Some of our services include:

Development - We develop responsive, functional and super-fast websites.

We keep User Experience in mind while creating websites. A website should load quickly and should be accessible even on a small view-port and slow internet connection.

Mobile Application - We offer a wide range of professional Android, iOS & Hybrid app development services for our global clients, from a start up to a large enterprise.

Design - We offer professional Graphic design, Brochure design & Logo design. We are experts in crafting visual content to convey the right message to the customers.

Consultancy - We are here to provide you with expert advice on your design and development requirement.

Videos - We create a polished professional video that impresses your audience.

---

---

**TABLE OF CONTENTS**

<hr/>	
Table of contents	i
<hr/>	
Overview of the Project	1
About Doctors	2
Tools Used	3
Implementation	4
Snapshots	22
Bibliography	25
About My Team	26
<hr/>	

## OVERVIEW OF THE PROJECT

**Project Name:** Tribute to Doctors

**Team Members:** CHETHAN U V  
NAME 2

This project is based on Web Development And its Applications. The main objective of this project is to learn the implementation of HTML, CSS and JavaScript. The basic webpage of this project is created using HTML and styling of the webpage is done using CSS.

This webpage is about doctors who've lost their lives during the covid second wave.

## **ABOUT DOCTORS**

The doctors and other healthcare and frontline workers were inoculated in the first phase of the nationwide Covid-19 vaccination programme which started on January 16 this year.

The Indian Medical Association said on Tuesday that the country lost 270 doctors in the second wave of the coronavirus disease (Covid-19) pandemic, which has been more deadly and fast spreading.

Former IMA president Dr KK Aggarwal was the latest to succumb to the deadly infection on Monday. According to the state-wide data released by the medical body, Bihar saw the maximum number of 78 deaths of medical practitioners, followed by Uttar Pradesh (37), Delhi (29) and Andhra Pradesh (22). The IMA said that 748 doctors succumbed to the disease in the first wave of the pandemic.

"The second wave of the pandemic is turning out to be extremely fatal for all and especially for the healthcare workers who are at the forefront," IMA president Dr JA Jayalal was quoted as saying by news agency PTI.

The doctors and other healthcare and frontline workers were inoculated in the first phase of the nationwide Covid-19 vaccination programme which started on January 16 this year. The programme was latest expanded to first include those above the age of 60, and later opened for 45-plus category.

From May 1, those in the age group of 18-44 became eligible for Covid-19 vaccine shots in the third phase of inoculation drive. On Monday, the Union health ministry said that the cumulative number of Covid-19 vaccine doses administered in the country has crossed 18.44 crore.

## **TOOLS USED**

### **Software Requirements**

- Visual Studio Code 2019.
- Google Chrome or Microsoft Edge of latest version.
- Front End: HTML, CSS, JS (optional)
- Linux 7.1 or Windows XP/7/8/10 OS or Mac OS

### **Hardware Requirements**

- Pentium 200-MHz computer with a minimum of 64 MB of RAM (128 MB of RAM recommended).
- Monitor with a refresh rate of at least 40Hz for a smooth GUI experience (optional).

---

## IMPLEMENTATION

---

### Source Code (main.html):

```
<!DOCTYPE html>
<html lang="en" data-theme="light">
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="refresh" content="100">
    <meta name="viewport" content="width=device-width,initial-scale=1.0">
    <title> covid warriors</title>
    <link rel="stylesheet" href="style.css">
  </head>
  <body>
    <div class="container">
      <nav>
        <a href="#home"> HOME</a>
        <a href="#about"> ABOUT</a>
        <a href="information.html">INFORMATION</a>
        <a href="writeus.html"></a>
      </nav>
      </div>
      <div class="theme-switch-wrapper">
        <h5>switch Theme</h5>
        <label class="theme-switch" for="checkbox">
          <input type="checkbox" id="checkbox" />
          <span class="slider"></span>
        </label>
      </div>
      <section id="home">
        <div class=first-container>
          <h1> SECOND WAVE OF COVID-19 PANDEMIC IN INDIA</h1><br>
          

<div class=first-container-1>

The COVID-19 pandemic in India is a part of the worldwide pandemic of coronavirus disease 2019 (COVID-19) caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2).<br>

As of 17 August 2021, according to official figures, India has the second-highest number of confirmed cases in the world (after the United States) with 32.2 million reported cases of COVID-19 infection and the third-highest number of COVID-19 deaths (after the United States and Brazil) at 432,079 deaths.However these figures exhibit severe under-reporting.<br>

The first cases of COVID-19 in India were reported on 30 January 2020 in three towns of Kerala, among three Indian medical students who had returned from Wuhan, the epicenter of the pandemic.<br>

Lockdowns were announced in Kerala on 23 March, and in the rest of the country on 25 March. On 10 June, India's recoveries exceeded active cases for the first time.<br>

Infection rates started to drop in September, along with the number of new and active cases.<br>

Daily cases peaked mid-September with over 90,000 cases reported per-day, dropping to below 15,000 in January 2021.<br>

A second wave beginning in March 2021 was much more devastating than the first, with shortages of vaccines, hospital beds, oxygen cylinders and other medical supplies in parts of the country.<br>

By late April, India led the world in new and active cases. On 30 April 2021, it became the first country to report over 400,000 new cases in a 24-hour period.<br>

Experts stated that the virus may reach an endemic stage in India rather than completely disappear;in late August 2021, Soumya Swaminathan said India may be in some stage of endemicity where the country learns to live with the virus.<br>

India began its vaccination programme on 16 January 2021 with AstraZeneca vaccine (Covishield) and the indigenous Covaxin.Later, Sputnik V and the Moderna vaccine was approved for emergency use too.As of 17 August 2021, the country had administered over 550 million vaccine doses.<br>

</div>

</div><hr><hr>

<div class="second-container">

<h2>Remembering Doctors Who Sacrificed Their Life While Saving Others</h2>

<iframe src="https://www.youtube.com/embed/gyqayjhqKc" title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture" muted></iframe>



---

---

while treating corona patients, several frontline workers too contracted the virus and many succumbed to it.

Our doctors and nurses, however, still continue to be on duty to treat this deadly virus. As, per the Indian Medical Association (IMA) by June as many as 776 medical professionals died in the second wave of COVID.

As per the IMA COVID register - state-wise list of doctors who died due to the second Covid-19 wave, Bihar had the most deaths with 115, followed by Delhi with 109, Uttar Pradesh with 79, West Bengal with 62, Rajasthan with 44, Jharkhand with 39, and Andhra Pradesh with 40.

In the southern states, Karnataka had 9 doctor fatalities, Kerala had 24, and Tamil Nadu had 50. In Odisha, 34 medical professionals were killed, whereas, in Maharashtra, 23 doctors were killed.

According to the senior doctors in command of India's national COVID care plan, there was no change in mortality between the first and second waves of COVID-19 victims.

There was a relative rise in the number of people experiencing shortness of breath as a sign of the illness, although individuals over 60, as in the previous wave, were the most vulnerable to death.

When compared to the first wave, the second wave had a "marginally higher" proportion of patients under the age of 20. In the first wave, 25.5 percent of patients were between the ages of 20 and 40, opposed to 23.7 percent in the continuing second wave.

Dr Balram Bhargava, Director-General of the Indian Council of Medical Research (ICMR), stated that 47 percent of symptomatic patients in the second wave (March-April 2021) presented 'shortness of breath' compared to 41 percent in the first wave (Sept.-Nov.'20), citing data from a segment of hospitalised patients from the first and second waves.

All additional symptoms linked with COVID-19 — fast breathing, cough, chills, joint pain, and weariness — were more prevalent in the first wave than in the continuing second wave.

---

---

## 766 doctors have died in second wave of Covid-19, According to IMA

---

src="https://images.hindustantimes.com/img/2021/05/18/550x309/PTI05\_16\_2021\_000117A\_1621322647033\_1621322666993.jpg">

<div class=first-container-1>

The doctors and other healthcare and frontline workers were inoculated in the first phase of the nationwide Covid-19 vaccination programme which started on January 16 this year.<br>

The Indian Medical Association said on Tuesday that the country lost 270 doctors in the second wave of the coronavirus disease (Covid-19) pandemic, which has been more deadly and fast spreading.<br>

Former IMA president Dr KK Aggarwal was the latest to succumb to the deadly infection on Monday.<br>

According to the state-wide data released by the medical body, Bihar saw the maximum number of 78 deaths of medical practitioners, followed by Uttar Pradesh (37), Delhi (29) and Andhra Pradesh (22).<br>

The IMA said that 748 doctors succumbed to the disease in the first wave of the pandemic.<br>

"The second wave of the pandemic is turning out to be extremely fatal for all and especially for the healthcare workers who are at the forefront," IMA president Dr JA Jayalal was quoted as saying by news agency PTI.<br>

The doctors and other healthcare and frontline workers were inoculated in the first phase of the nationwide Covid-19 vaccination programme which started on January 16 this year.<br>

The programme was latest expanded to first include those above the age of 60, and later opened for 45-plus category.<br>

From May 1, those in the age group of 18-44 became eligible for Covid-19 vaccine shots in the third phase of inoculation drive.

On Monday, the Union health ministry said that the cumulative number of Covid-19 vaccine doses administered in the country has crossed 18.44 crore. <br>

Among the people who were given 18,44,22,218 doses were 96,58,913 healthcare workers (HCWs) who have taken the first dose and 66,52,200 who have taken the second dose; 1,44,97,411 Frontline Workers (FLWs) who have received the first dose and 82,16,750 who have taken the second dose.<br>

On day 122 of the vaccination drive (May 17), 14,79,592 vaccine doses were given, the ministry said.<br>

The vaccination exercise as a tool to protect the most vulnerable population groups in the country from Covid-19 continues to be regularly reviewed and monitored at the highest level, the ministry added.<br>

</div>

</div>

</section>

---

```
<hr>
<footer><br><br>
  <h3 class="subscribe-text" >SUBSCRIBE TO OUR NEWS-LETTER</h3>
  <br>
  <form>
    <p> <input id="ip" type="email" autocomplete="off" placeholder="enter your
email here:-" required>
    <button id="btn">SUBSCRIBE</button></p>
    <br>
    <br>
  </form>
</footer>

<script>
  const checkbox=document.getElementById('checkbox');
  checkbox.addEventListener('change',()=>{
    document.body.classList.toggle('dark');
  });
  document.getElementById("btn").onclick = function() {
    alert("Thank You For Subscribing")
  }

</script>
</body>
</html>
```

## Source Code (information.html):

```
<!DOCTYPE html>
<html lang="en" data-theme="light">
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="refresh" content="100">
    <meta name="viewport" content="width=device-width,initial-scale=1.0">
    <title> covid warriors</title>
    <link rel="stylesheet" href="style.css">
  </head>
  <body class="body">
    <h1 id="heading1">THE HEROIC HIGHLIGHTS OF SOME DOCTORS AROUND
THE WORLD</h1>
    
    <div class="con1">
      <h3>Dr. Li Wenliang, an Ophthalmologist from China</h3>
      <p>
        The death that broke several hearts in the initial days of coronavirus spread was of Dr.
        Li Wenliang, a Chinese ophthalmologist who tried to warn fellow practitioners about the potential
        outbreak of a virus.<br>
        Unfortunately, he was accused of making false claims and misleading the public. Dr. Li's
        warning did not depend on sophisticated laboratory testing or expensive imaging studies, but on his
        own understanding of biological plausibility—the kind of analysis that clinicians of all specialties
        could make.<br>
        The New York Times reported that on January 10, 2020, Dr Li developed a cough after
        having treated a woman for glaucoma who had unknowingly been infected with the coronavirus,
        probably by her daughter.<br>
        No report suggests that he observed any ophthalmologic complications of the
        coronavirus infection in his patient.
        The 34-year-old eye specialist, in his Weibo story, revealed how he had come down
        with cough and fever after a month of his warning going unnoticed.<br>
        The doctor had contracted the virus while treating a glaucoma case (suffering from
        corona virus) in Wuhan. Dr. Li passed away on February 7, 2020 leaving the people in China and
        worldwide grieving and angry.<br>
        Another doctor who died of the disease in Wuhan was just 29 years old.<br>
```

---

As per the reports, he had postponed his Lunar New Year marriage to serve humanity and treat patients who had been hit by the virus.<br>

Unfortunately, he ended up contracting the virus from one of his patients and died a hero.

</p>

</div><hr><hr>



<div class="con2">

<h3>Dr. Roberto Stella from Italy</h3>

<p>

The COVID-19 wrath is taking no stop in Italy and the situation seems to be getting out of hands in the new epicenter of the disease.<br>

More than 66 doctors who were tested positive for coronavirus in Italy have reportedly died.<br>

According to the head of an Italian research institute, a total of 8,358 health workers have caught the disease.<br>

Dr. Roberto Stella, aged 67, was an Italian general practitioner, who died on March 10 at the Como Hospital, as confirmed by the town's mayor, Mario Landriscina. <br>

He died of respiratory failure due to coronavirus. Like other heroes, Dr. Stella had contracted the virus while actively taking care of patients and guiding them on proper care.

</p>

</div><hr><hr>



<div class="con3">

<h3>Dr. Jean-Jacques from France</h3>

<p>

Jean-Jacques Razafindranazy was the first French doctor who died while treating coronavirus patients.<br>

The 68-year-old accident and emergency department doctor was retired but the passion that he had for serving humanity was undying.<br>

Thus, he volunteered to help his colleagues save the lives of people, as the number of incoming patients continued to increase.<br>

The retired doctor was working in an emergency ward at the Lille University Hospital where he caught the disease.<br>

His death was announced through a social media post titled “My Father: A Hero” written by his family.

</p>

</div><hr><hr>

---



<div class="con4">

<h3>Dr. Shirin Rouhani from Iran</h3>

<p>

The Iranian doctor, Shirin Rouhani, also lost her life while treating coronavirus patients.<br>

Her determination and will power was such that she continued to treat patients till her last breath even when she herself was on IV.<br>

She knew she could not rest because of the shortage of doctors and medical workers to cater to the needs of patients.

</p>

</div><hr>

<footer id="foot"><br><br>

<a href="main.html">BACK TO HOME PAGE</a>

<br><br><br><br>

</footer>

</body>

</html>

---

## IMPLEMENTATION

### Source Code (style.css):

```
*{
  margin: 0;
  padding: 0;
  font-family: 'roboto', sans-serif;
}
body{
  background-color:white;
  justify-content: center;
  transition: all 0.5s;
}
body.dark{
  background:rgb(44, 44, 44);
  color:white;
}
.container{
  width:103%;
  justify-content: center;
  background-color: rgb(8, 172, 21);
  height: 50px;
}
.container nav{
  display: flex;
  justify-content:center;
}
.container a{
  text-align: center;
  font-family: 'Times New Roman', Times, serif;
  padding: 14px 14px 14px;
  color:rgb(15, 1, 1);
```

P1

---

```
text-decoration: none;
font-size: 19px;
}
.container a:hover{
  text-decoration: underline;
  color:black;
  background-color: rgb(188, 252, 125);
}
```

```
.theme-switch-wrapper{
  position:absolute;
  top:28px;
  left:90%;
  transform: translate(-50%,-50%);
  text-align: center;
}
```

```
h5{
  margin-bottom:7px;
  font-family: sans-serif;
}
```

```
.theme-switch{
  position:relative;
  display: inline-block;
  width: 50px;
  bottom:4px;
  height: 20px;
  margin:0 10px;
}
```

```
.slider{
  position:absolute;
  cursor: pointer;
  top:0;
  left: 0;
  right: 0;
```



```
    bottom:0;
    background-color:black;
    transition:.4s;
    border-radius: 30px;
}
#checkbox{display: none}
.slider:before{
    position :absolute;
    content:"";
    height:15px;
    width:15px;
    left:3px;
    bottom:3px;
    background-color:white;
    transition: 0.4s;
    border-radius: 30px;
}
input:checked +.slider{
    background-color:black;
}
input:checked +.slider:before{
    transform:translateX(28px);
}
.first-container{
    margin-top: 18px;
    margin-left: 10px;
    width: 100%;
}
.first-container h1{
    margin-left: 8%;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-size: 35px;
    text-decoration: underline;
    word-spacing: 8px;
```

---

```
}  
.first-container-1{  
  padding: 10px 10px 10px 10px;  
  padding-left: 20px;  
  width: 50%;  
  text-align: justify;  
  justify-content: left;  
}  
.first-container img{  
  width:40%;  
  float:right;  
  margin-right: 60px;  
  margin-top: 60px;  
  height: 400px;  
  border:rgb(96, 245, 66) solid 2px;  
}  
hr{  
  border-width: 2px;  
  width:103% ;  
  color: red;  
}  
.second-container{  
  margin-left:20px;  
  margin-top: 18px;  
  width: 100%;  
}  
.second-container h2{  
  text-transform: uppercase;  
  margin-left:20px;  
  font-family: Verdana, Geneva, Tahoma, sans-serif;  
  font-size: 25px;  
  text-decoration: underline;  
  word-spacing: 8px;
```

```
}  
.second-container-1 {  
    margin-right: 30px;  
    padding: 20px 10px 10px 10px;  
    float: right;  
    padding-right: 20px;  
    width: 50%;  
    text-align: justify;  
    justify-content: left;  
}  
.second-container iframe {  
    width: 40%;  
    float: left;  
    margin-right: 50px;  
    margin-top: 5%;  
    margin-left: 10px;  
    height: 400px;  
    border: rgb(96, 245, 66) solid 2px;  
}  
.first-container h2 {  
    text-transform: uppercase;  
    margin-left: 20px;  
    margin-top: 30px;  
    font-family: Verdana, Geneva, Tahoma, sans-serif;  
    font-size: 25px;  
    text-decoration: underline;  
    word-spacing: 8px;  
}  
footer {  
    position: relative;  
    width: 100%;  
    background-color: rgb(8, 172, 21);  
}
```

```
.subscribe-text{
    font-size: 25px;
    margin-left:30%;
    color: #fdf1f1;
}

#ip{
    padding-left: 20px;
    height:45px;
    width:350px;
    margin-left:28%;
    border-color:rgb(253, 35, 7);
    position:relative;
    font-size: 15px;
    font-family: Georgia, 'Times New Roman', Times, serif;
}

#btn{
    height:46px;
    width:150px;
    position:relative;
    background-color:rgb(241, 214, 243);
    cursor: pointer;
}

#btn:hover{
    background-color: rgb(188, 252, 79);
}

/* information.html */
.body{
    background-color: rgba(228, 226, 226, 0.815);
}
```

---

```
#heading1{
    color: rgb(15, 1, 1);
    margin-top: 20px;
    margin-left: 20px;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    font-size: 30px;
    text-decoration: underline;
    word-spacing: 8px;
}

#img1{
    width: 40%;
    float: right;
    margin-right: 30px;
    margin-top: 50px;
    height: 400px;
    border: rgb(3, 3, 3) solid 2px;
}

.con1{
    background-color: white;
    padding: 10px 10px 15px 10px;
    margin-left: 20px;
    margin-top: 20px;
    margin-bottom: 20px;
    font-family: Verdana, Geneva, Tahoma, sans-serif;
    padding-left: 20px;
    width: 50%;
    text-align: justify;
    justify-content: left;
    border-radius: 18px;
    box-shadow: 10px 5px rgb(245, 227, 195);
}

h3{
    margin-left: 20px;
    margin-top: 16px;
```

---

```
margin-bottom: 10px;
font-size: 20px;
color: indianred;
font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
word-spacing: 8px;
text-decoration: underline;

}
#img2{
width:40%;
float:right;
margin-right: 30px;
margin-top: 30px;
height: 400px;
border:rgb(8, 8, 8) solid 2px;
margin-bottom: 30px;
}
.con2{
background-color: white;
padding: 10px 10px 15px 10px;
margin-left: 20px;
margin-top: 60px;
margin-bottom: 20px;
font-family: Verdana, Geneva, Tahoma, sans-serif;
padding-left: 20px;
width: 50%;
text-align: justify;
justify-content: left;
border-radius: 18px;
box-shadow:10px 10px rgb(245, 227, 195);
}

#img3{
width:40%;
```

---

```
float:right;
margin-right: 30px;
margin-top: 30px;
height: 400px;
border:rgb(10, 10, 10)solid 2px;
margin-bottom: 30px;
}
.con3{
background-color: white;
padding: 10px 10px 15px 10px;
margin-left: 20px;
margin-top: 90px;
margin-bottom: 20px;
font-family: Verdana, Geneva, Tahoma, sans-serif;
padding-left: 20px;
width: 50%;
text-align: justify;
justify-content: left;
border-radius: 18px;
box-shadow:10px 10px rgb(245, 227, 195);
}
#img4{
width:40%;
float:right;
margin-right: 30px;
margin-top: 30px;
height: 400px;
border:rgb(17, 17, 17) solid 2px;
margin-bottom: 30px;
}
.con4{
background-color: white;
padding: 10px 10px 15px 10px;
margin-left: 20px;
```

---

```
margin-top: 110px;
margin-bottom: 20px;
font-family: Verdana, Geneva, Tahoma, sans-serif;
padding-left: 20px;
width: 50%;
text-align: justify;
justify-content: left;
border-radius: 18px;
box-shadow: 10px 10px rgb(245, 227, 195);
}
#foot{
background-color: rgb(8, 172, 21);
}
#foot a{
margin-left: 40%;
font-family: Georgia, 'Times New Roman', Times, serif;
word-spacing: 8px;
color: black ;
text-decoration: none;
}
#foot a:hover{
color: cornsilk ;
text-decoration: underline;
}
```



# IMPLEMENTATION

## Snapshots :

HOME ABOUT INFORMATION

switch Theme

### SECOND WAVE OF COVID-19 PANDEMIC IN INDIA

The COVID-19 pandemic in India is a part of the worldwide pandemic of coronavirus disease 2019 (COVID-19) caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2).

As of 17 August 2021, according to official figures, India has the second-highest number of confirmed cases in the world (after the United States) with 32.2 million reported cases of COVID-19 infection and the third-highest number of COVID-19 deaths (after the United States and Brazil) at 432,079 deaths. However these figures exhibit severe under-reporting.

The first cases of COVID-19 in India were reported on 30 January 2020 in three towns of Kerala, among three Indian medical students who had returned from Wuhan, the epicenter of the pandemic.

Lockdowns were announced in Kerala on 23 March, and in the rest of the country on 25 March. On 10 June, India's recoveries exceeded active cases for the first time.

Infection rates started to drop in September, along with the number of new and active cases.

Daily cases peaked mid-September with over 90,000 cases reported per-day, dropping to below 15,000 in January 2021.

A second wave beginning in March 2021 was much more devastating than the first, with shortages of vaccines, hospital beds, oxygen cylinders and other medical supplies in parts of the country.

By late April, India led the world in new and active cases. On 30 April 2021, it became the first country to report over 400,000 new cases in a 24-hour period.

Experts stated that the virus may reach an endemic stage in India rather than completely disappear; in late August 2021, Soumya Swaminathan said India may be in some stage of endemicity where the country learns to live with the virus.

India began its vaccination programme on 16 January 2021 with AstraZeneca vaccine (Covishield) and the indigenous Covaxin. Later, Sputnik V and the Moderna vaccine was approved for emergency use too. As of 17 August 2021, the country had administered over 550 million vaccine doses.



### REMEMBERING DOCTORS WHO SACRIFICED THEIR LIFE WHILE SAVING OTHERS

while treating corona patients, several frontline workers too contracted the virus and many succumbed to it. Our doctors and nurses, however, still continue to be on duty to treat this deadly virus. As, per the Indian Medical Association (IMA) by June as many as 776 medical professionals died in the second wave of COVID-19.

### THE HEROIC HIGHLIGHTS OF SOME DOCTORS AROUND THE WORLD

#### Dr. Li Wenliang, an Ophthalmologist from China

The death that broke several hearts in the initial days of coronavirus spread was of Dr. Li Wenliang, a Chinese ophthalmologist who tried to warn fellow practitioners about the potential outbreak of a virus. Unfortunately, he was accused of making false claims and misleading the public. Dr. Li's warning did not depend on sophisticated laboratory testing or expensive imaging studies, but on his own understanding of biological plausibility—the kind of analysis that clinicians of all specialties could make.

The New York Times reported that on January 10, 2020, Dr. Li developed a cough after having treated a woman for glaucoma who had unknowingly been infected with the coronavirus, probably by her daughter. No report suggests that he observed any ophthalmologic complications of the coronavirus infection in his patient. The 34-year-old eye specialist, in his Weibo story, revealed how he had come down with cough and fever after a month of his warning going unnoticed.

The doctor had contracted the virus while treating a glaucoma case (suffering from corona virus) in Wuhan. Dr. Li passed away on February 7, 2020 leaving the people in China and worldwide grieving and angry.

Another doctor who died of the disease in Wuhan was just 29 years old. As per the reports, he had postponed his Lunar New Year marriage to serve humanity and treat patients who had been hit by the virus.

Unfortunately, he ended up contracting the virus from one of his patients and died a hero.



#### Dr. Roberto Stella from Italy

The COVID-19 wrath is taking no stop in Italy and the situation seems to be getting out of hands in the new epicenter of the disease.

More than 66 doctors who were tested positive for coronavirus in Italy have reportedly died. According to the head of an Italian research institute, a total of 8,358 health workers have caught the disease.



HOME ABOUT INFORMATION switch Theme

## SECOND WAVE OF COVID-19 PANDEMIC IN INDIA

The COVID-19 pandemic in India is a part of the worldwide pandemic of coronavirus disease 2019 (COVID-19) caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). As of 17 August 2021, according to official figures, India has the second-highest number of confirmed cases in the world (after the United States) with 32.2 million reported cases of COVID-19 infection and the third-highest number of COVID-19 deaths (after the United States and Brazil) at 432,079 deaths. However these figures exhibit severe under-reporting.


The first cases of COVID-19 in India were reported on 30 January 2020 in three towns of Kerala, among three Indian medical students who had returned from Wuhan, the epicenter of the pandemic. Lockdowns were announced in Kerala on 23 March, and in the rest of the country on 25 March. On 10 June, India's recoveries exceeded active cases for the first time.

Infection rates started to drop in September, along with the number of new and active cases. Daily cases peaked mid-September with over 90,000 cases reported per-day, dropping to below 15,000 in January 2021.

A second wave beginning in March 2021 was much more devastating than the first, with shortages of vaccines, hospital beds, oxygen cylinders and other medical supplies in parts of the country. By late April, India led the world in new and active cases. On 30 April 2021, it became the first country to report over 400,000 new cases in a 24-hour period.


Experts stated that the virus may reach an endemic stage in India rather than completely disappear; in late August 2021, Soumya Swaminathan said India may be in some stage of endemicity where the country learns to live with the virus.

India began its vaccination programme on 16 January 2021 with AstraZeneca vaccine (Covishield) and the indigenous Covaxin. Later, Sputnik V and the Moderna vaccine was approved for emergency use too. As of 17 August 2021, the country had administered over 550 million vaccine doses.



### REMEMBERING DOCTORS WHO SACRIFICED THEIR LIFE WHILE SAVING OTHERS

while treating corona patients, several frontline workers too contracted the virus and many succumbed to it. Our doctors and nurses, however, still continue to be on duty to treat this deadly virus. As, per the Indian Medical Association (IMA) by June as many as 776 medical professionals died in the second wave of COVID-19.



Corona Warriors of COVID19

Watch later Share

Watch on YouTube

while treating corona patients, several frontline workers too contracted the virus and many succumbed to it. Our doctors and nurses, however, still continue to be on duty to treat this deadly virus. As, per the Indian Medical Association (IMA) by June as many as 776 medical professionals died in the second wave of COVID-19.

As per the IMA COVID register - state-wise list of doctors who died due to the second Covid-19 wave, Bihar had the most deaths with 115, followed by Delhi with 109, Uttar Pradesh with 79, West Bengal with 62, Rajasthan with 44, Jharkhand with 39, and Andhra Pradesh with 40.

In the southern states, Karnataka had 9 doctor fatalities, Kerala had 24, and Tamil Nadu had 50. In Odisha, 34 medical professionals were killed, whereas, in Maharashtra, 23 doctors were killed.

According to the senior doctors in command of India's national COVID care plan, there was no change in mortality between the first and second waves of COVID-19 victims.

There was a relative rise in the number of people experiencing shortness of breath as a sign of the illness, although individuals over 60, as in the previous wave, were the most vulnerable to death.

When compared to the first wave, the second wave had a "marginally higher" proportion of patients under the age of 20. In the first wave, 25.5 percent of patients were between the ages of 20 and 40, opposed to 23.7 percent in the continuing second wave.

Dr Balram Bhargava, Director-General of the Indian Council of Medical Research (ICMR), stated that 47 percent of symptomatic patients in the second wave (March-April 2021) presented 'shortness of breath' compared to 41 percent in the first wave (Sept.-Nov.'20), citing data from a segment of hospitalised patients from the first and second waves.

All additional symptoms linked with COVID-19 — fast breathing, cough, chills, joint pain, and weariness — were more prevalent in the first wave than in the continuing second wave.

## 766 DOCTORS HAVE DIED IN SECOND WAVE OF COVID-19, ACCORDING TO IMA

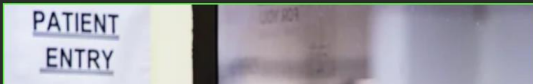
The doctors and other healthcare and frontline workers were inoculated in the first phase of the nationwide Covid-19 vaccination programme which started on January 16 this year.

The Indian Medical Association said on Tuesday that the country lost 270 doctors in the second wave of the coronavirus disease (Covid-19) pandemic, which has been more deadly and fast spreading.

Former IMA president Dr KK Aggarwal was the latest to succumb to the deadly infection on Monday.

According to the state-wide data released by the medical body, Bihar saw the maximum number of 78 deaths of medical practitioners, followed by Uttar Pradesh (37), Delhi (29) and Andhra Pradesh (22).

The IMA said that 748 doctors succumbed to the disease in the first wave of the pandemic.



## **BIBLIOGRAPHY**

- <https://www.w3schools.com>
- <https://www.geeksforgeeks.org>
- <https://freefrontend.com>

## **About my TEAM**

CHETHAN U V – Paper wire framing and html.

