

COVID-19 Tracker

TwistingTornadoes

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Topics to cover

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Introduction

- The most important factor in preventing the spread of the COVID-19 is to empower the people with the right information.
- There is an impulse to remain informed about the current situation, not only where we live but in other parts of the country as well.
- This project is motivated by the fact that quick access to correct information and best practices about COVID-19 will play an important role in public health.

Motivation

- District wise data should be accessible along with state-wise data.
- All recent government advisories such as Awareness,Behavioural,Citizens,Employees advisories which keep on updating should be fetched automatically.
- All the latest researches in the field of Covid-19 should also be fetched and be updated automatically.
- All these things described above will be available at one point of reference which will be our website.

Problem Definition

- COVID-19 affects every person and society
- Awareness, getting live information, and best practices play critical roles for containing the virus
- This project provides a central and easy to interpret information repository for all districts in India

Timeline

Time Distribution

- **Coding:** 4 weeks
- **Integration:** 1 week
- **Testing:** 1 week
- **Documentation:** 1 week

Main Working

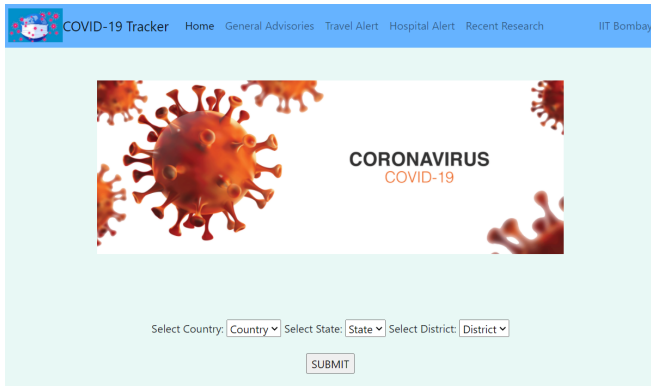


Figure: Home page.

Main Working

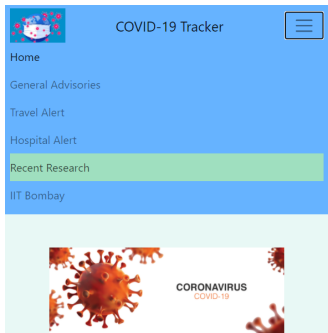


Figure: Home page on smaller screens.

Main Working

Country	Total Cases	Total Cured	Total Deaths
India	8912704	8333013	131031

States	Cases	Increased Cases	Cured	Cured and Sent	Active	Deaths	Deaths Today
Andaman and Nicobar Islands	4574	17	4363	17	150	61	0
Andhra Pradesh	856159	1395	832284	2293	16985	6890	9
Arunachal Pradesh	15904	36	14644	56	1212	48	0
Assam	210696	242	206398	357	3328	967	2
Bihar	227916	513	221210	749	6541	1194	5

Figure: Home page displaying results.

Main Working

State	Total Cases	Total Cured	Total Deaths
Maharashtra	1752509	1623503	46102

Districts	Cases	Increased Cases	Cured	Cured and Sent	Active	Deaths	Deaths Today
Pune	342547	292	318954	297	16384	7176	11

Figure: Home page displaying result for a district.

Main Working

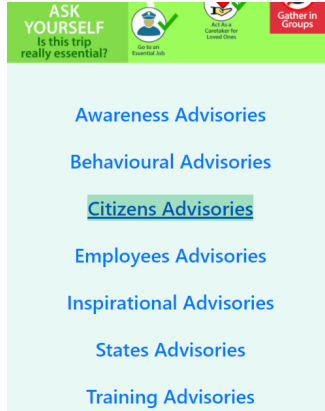


Figure: General Advisory page.

Main Working






Travel Advisories

Date	Heading	Link
05.11.2020	Guidellnes for international arrivals	https://www.mohfw.gov.in/pdf/051120
02.08.2020	Revised guidelines for International Arrivals	https://www.mohfw.gov.in/pdf/Revised

Figure: Travel alert page.

Main Working


COVID-19 Tracker




Hospital Advisories

Date	Heading	Link
13.10.2020	Guidelines for management of co-infection of COVID-19 with other seasonal epidemic prone diseases	https://www.mc

Figure: Hospital alert page.

Main Working

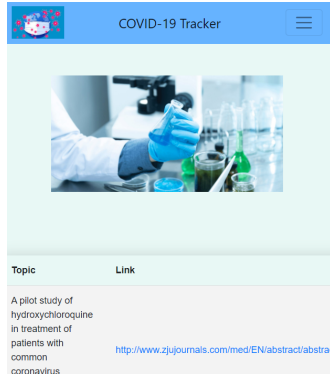


Figure: Research paper page.

Work distribution

Work Distribution

- **Bismillah Hossainy** : Web crawler,web development, documentation,testing.
- **Apoorv Chetan** : Web development,testing,documentation.
- **Suhanshu Patel** : Web crawler,PHP,documentation,testing,connecting frontend to backend.
- **Nitish Gangwar** : Web crawler,database,web development,testing.

References

- <https://www.covid19india.org/>
- <https://www.mohfw.gov.in/>
- <https://www.redcross.org/on/demandware.static/-/Sites-RedCross-Library/default/dw80a14fb2/images/in-the-news/corona-virus.png>
- <https://thebengalurlive.com/wp-content/uploads/2020/07/BIEC.jpg>