TELANGANA STATE SMART CITY HACKATHON-2018

ORGANISED BY

“RAMIFICATION SUBDUE”

- IMPEDE RADIATION

“We Believe in Statistics because statistics never lie.”

Fry a chicken in pan, not the nature’s divine

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Current Scenario:

"People never believes private organization statistics. They purely trust the reports released by Government."

Our prototype model:

The main aim our project to Impede the radiation, as technology grows a part we can't stop growing. But we can aim to control impacts. Radiation is one of the major issue that's causing not only health problems but also withering many beautiful creatures off the face of earth.

Our aim is to identify harmful radiations ejected by cell towers at a specified area and help find a better way to stimulate those signals with lower radio frequencies(RFs).

There is no cure to these radiated zones but to prevent or let's say precaution is the apt word for it.

We can also justify whether a new tower may be constructed in any proposed region considering the extent of radiation at that place and deploy that proposal if radiation measures counterfeits our statistics.

The seriousness of the health hazards due to radiation from the cell phones and cell towers has not been realized among the common man. Cell phone industry is becoming another cigarette industry, which kept claiming that smoking is not harmful and now there are millions of people around the world who have suffered from smoking. In fact, cell phone/tower radiation is worse than smoking; as one cannot see it or smell it, and its effect on health is noted after a long period of exposure.

Therefore, majority of people tend to have casualness towards personal protection. Unfortunately, ignorance and non-awareness adds to this misery and all of us are absorbing this slow poison unknowingly. Even if people are aware of the radiation hazard, they may not have the choice to move away from it if the tower is installed near their office or residential building.
If people in the mobile companies think there is no health hazard, then let them stand in front of their own transmitting tower at 1m distance in the main beam for 6 hours – are they willing to take the risk? Similar effect will be there at 10m distance in about 600 hours (25 days). If mobile companies accept that radiation causes serious health problems, will people stop using cell phones? However, then researchers/technocrats/entrepreneurs will come out with possible

solutions, which may be expensive but that cannot be greater than the health risk faced by humans, birds, animals and environment.

OUR WORKING MODEL:

We designed a Webapp by using Java Script, HTML5,CSS3 it is a Responsiveness Multi domain platform support. This Webapp captures Tower data with machine learning algorithms and it generates a map with live statistical data.

Here we generates daily report data based on the radiation and the frequency of the Towers. The most important thing in this web app is it validates a Tower Project By taking its location and by identifying its nearest schools and hospitals and other living things to check whether the new tower is allowed or not based on specific

as to get a statement for measures “Control methods / preventive measures.”

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Experimental analysis:

Here we used world's Trending technology R-Programming in order to generate the statistical reports. We applied various trending Machine learning algorithms, analysed various impacts that cause in a city by creating a dummy "data-set" with 10 Attributes .As well as considered major impact values that cause radiation along with ranges of the radiation.

We applied Correlation tests as well as most popular T-test in order to get whether they are statistically significant or not .These generated reports are used to validate the impacts as well.

By:

Nanda Kishor.J

Sankeerth Rao.V

Sudheeshna.K

Krishna Chaitanya Rao.