

Q What is meant by UV-C technology? How does the technology ~~an~~ work on handling corona virus? Discuss its various applications.

→ We are using UV (Ultraviolet) light from decades for surface disinfection. Many Hospitals and ~~the~~ library uses UV technology. Recently scientists have found that it can be an important tool against the ~~fight~~ Novel Covid-19.

There are three types of UV-Ray that can be measured by their wavelength. UV-A UV-B and UV-C. ~~UV-A~~ UV-C found to be effective against covid-19 by a scientist at Columbia University. which disinfect about 99.9% virus. And It is also called germicidal UV.

All these ultraviolet ~~the~~ light can kill bacteria and germs. But UV-A and UV-B are not capable to kill viruses like SARS-Cov-2. The Illuminating Engineering Society recently released a report ~~an~~ that says UV-C is the most effective.

How UV-C work and kill the virus.

→ UV-C light can actually change the DNA and RNA of bacteria and viruses. and destroy their ability to reproduce.

* Is UV-light safe ?

→ UV-A, B, C from sun can damage the skin and eyes. also causes skin cancer.

- While using germicidal W lamps, bulbs, air purifier one have to make sure that no-one is inside that particular room or place.

keeping in mind that these technology

^{can} ↓ Hurt Humans beings Manufacturing company should provide proper guideline to their customer.

They should provide trained Worker for

disinfecting surface, air. After seeing incredible

effectiveness of UV-C light we can say

that this technology can be used against

covid-19. in only surface and air disinfection.