

DIGITAL ASSIGNMENT – 2

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1. Brainstorm and come with as many solutions as possible for the COVID-19 and upload it.

Solutions to Covid 19 are as follows :

- a) Vaccination. This is vital step in overcoming the pandemic. Vaccination although does make one immune from the virus but is absolutely important to get vaccinated as it will develop immunity and resistance against the virus. This mass immunity gained will be the first and foremost step to counter the pandemic.
- b) Stay at home. One should always try to stay at home and avoid getting out. This will cut down the spread rate of the virus and one would himself/herself be protected from the virus.
- c) Necessary precautions. One should wash their hands regularly and carry sanitizer whenever you are going out. Wearing an N95 mask is important as it prevents in the contraction or spread of the virus.
- d) High Testing. High testing would enable us to know our surroundings better and judge if its ok to step out or not. Higher testing means quicker rise and then a quicker fall in the amount of cases as seen in the first wave of the virus in India.
- e) Contact tracing. Contact tracing is the process to identify the immediate and secondary contacts of covid positive patient and warn them and instruct them to take a covid test. This will ensure the low spread rate of the virus.
- f) Infrastructure. A high demand of beds, oxygen supply, testing kits are required to curb the spread and increase the recovery rate of the pandemic
- g) Lockdown. When the situation gets worsen the place, city, country should come under lockdown so as to decrease the rate of cities getting converted into covid hotspots
- h) Support. People, government and other ngos should support each other help each other in these tough times. Many covid relief camps should be set up to curb this pandemic.

2.Brainstrom for water scarcity in rural areas

Solutions to water scarcity in rural areas

- a) Funding and charities. Funding from the government and other charities can gather enough money and material to make a proper outlet and canals for the passage and good flow of water in rural areas
- b) New technologies. Water supply and the related big companies should venture out and look for newer technologies to provide water through a particular system that is specifically designed for the geographic location of the rural area.
- c) Improved Irrigation. Change the way we irrigate. Roughly 70% of the world's freshwater is used to grow crops; we could improve these practices to use much less water than we currently use.
Employing agricultural practices such as planting crops that require less water, setting up irrigation systems without leakages, and developing farm-based water conservation structures is very important. This can aid in the protection of forests and the development of horticulture.
- d) Water Pricing. A subsidized pricing system should be made available for those who are in the rural areas so as its not a burden for them to purchase water
- e) Energy efficient desalination plants. These will help in purification of water which will in turn help increase the supply of clean soft water for domestic use in rural areas
- f) Rainwater Harvesting. Such methods can be efficient and spreading the knowledge and setting up such measures will help increase the supply of water in rural areas
- g) Awareness. People in the rural areas need to be made aware of various water conservation techniques and others should be made aware of the problems faced in rural areas regarding water scarcity

3. Mind mapping of challenges faced during COVID-19.

