

Artificial Intelligence is a significant factor behind the most important tool in world's arsenal against pandemic. (Elaborate. (200 Words).

Artificial Intelligence (AI) is playing a huge role in world's response to pandemic. AI helps people move forward both economically and physically against the pandemics.

Currently Vaccine has become the most important tool in the arsenal against pandemic. Various vaccines like COVAXIN (India), Pfizer (United States) and drugs like 2-DG by DRDO are developed with help of AI. AI help in trying different combination of pharma ingredients to develop vaccine.

From the time of first wave of pandemic till now AI based apps like Aarogya Setu, Sensors GE have been used to track the affected persons. Further AI has also learned to identify radiological signatures of covid 19 patient's chest x-ray result to detect infection.

This has significantly supported the health sector which uses slow speed RTPCR tests for identification of infection.

Further patients who needed self quarantine in homes and others who had chronic diseases like diabetes were helped through Telemedicine services like e-sanjeevani.

Deep learning and machine learning components of AI helped to predict the time of achieving peak Eg: predictions done by different IIT's and IISc Bangalore.

Thus AI is a cutting edge technology which will be more reliable in future to handle pandemic situations like covid-19, Ebola, Zika. Artificial Intelligence will help people and world to have upper hand in handling pandemic.