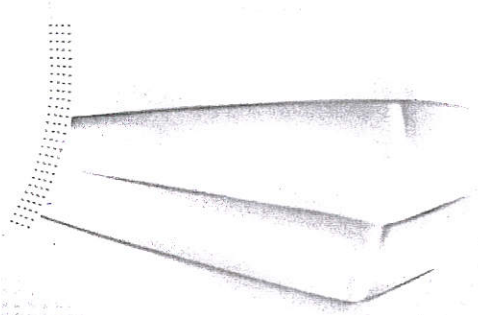


# Encyclopaedia of Covid

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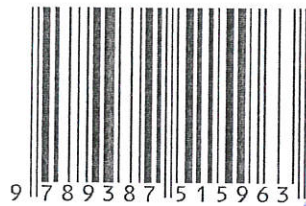
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**Key words:** Novel Coronavirus, Artificial intelligence, Machine learning, Autonomous Robots

**Back ground :**

Novel Coronavirus, which is understood as Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) was first identified in Wuhan city, China in 2019, followed by infection of many people everywhere the planet and has caused several thousands of deaths. On Lincoln's Birthday, 2020, WHO named this new coronavirus, SARS-CoV-2, and therefore the disease caused by this virus Coronavirus Disease 2019 (COVID-19). This virus has since been transmitted to quite 200 countries everywhere the planet.

**Introduction :**

Technology cannot prevent the inception of the pandemics however, it can help prevent the spread, educate, warn, and empower those on the bottom to remember of things and noticeably lessen the impact.

Epidemics and pandemics are threatening humanity time and again. SARS, H1N1, Ebola, and more have shown their teeth within the past, but with each such outbreak, we are learning new ways of fighting and managing such unexpected diseases which will potentially kill many people. Today, with emerging technologies like mobile, cloud, analytics, robotics, artificial intelligence, machine learning, 4G/5G, and high-speed internet, it's become possible to check several innovative approaches to the pandemic response. Here, we've listed some areas where technology plays an important role:

A burning question within the information management community is whether or not and the way COVID-19 will change what we do as researchers and educators. The truth is that it already has and can still do so, probably indefinitely. However, this might be seen as ironic, since from a search perspective, all research that we do from now on will in how be touched by the COVID-19 pandemic. The impact of the pandemic has been so global and wide-reaching that it defines human endeavor from now forward. It'll be a yardstick against

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## COVID AND ROLE OF TECHNOLOGY

— Dr. Jayanti Goyal

**Abstract :**

COVID-19 has radically transformed many aspects of human life and global society both now and for several years to return. A key aspect of the transformation has been increased digitalization and therefore the accelerated implementation of previously predicted trends that are discussed for several years within the information management literature. Human endeavor has encouraged us to adapt to the "new normal" through immediate necessity in areas like work, education, healthcare, entertainment and leisure and online commerce. This new environment has provided unprecedented opportunities for the knowledge management research community to develop research which will have a big impact on practice in these and other areas. We are essentially at the top of the latest developments within the digital space and must seek to develop exemplars that will help to signpost the longer-term direction of digital global society for the advantage of all. Nevertheless, the matters of digitalization have also been worsened and must be further understood and upgraded within the post-COVID world. This chapter examines the role of technology in the COVID-19 pandemic.

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