



## New Learning Strategies adopted by the teachers and students during COVID-19 pandemic

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### **Abstract:**

*Novel corona virus disease is a very fast spreading respiratory disease. This disease is becoming a public health emergency across the world. Despite many efforts by countries, organizations and institutions to prevent and control, the pandemic remains a world health danger. Due to this, the world is facing the most challenging pandemic of the 21st century. Since COVID-19 became a pandemic, the field of education has experience drastic changes. In the present scenario of COVID-19 pandemic, the traditional education is replaced by online teaching-learning. Teachers and students adopted online learning and acquainted themselves with different e-conferencing tools like Google Meet, Skype, Microsoft team, Google classroom, Zoom etc. Presently many educational institutions are using online teaching-learning methods to synchronize the current COVID-19 situation. Most teachers start using ICT to teach their lessons during the pandemic.*

**Keywords:** COVID-19, Strategy, Online teaching, Education.

### **Introduction:**

Coronavirus (CoV-S), are single stranded positive sense enveloped RNA viruses belonging to the family-coronaviridae. Most of the coronavirus type can be found in humans, bats, swine, pets, poultries and rodents (Mahony,2007). It was first reported in Wuhan, China on December,30 2019 and soon became global pandemic. Nobel coronavirus disease- 2019,COVID-19 is a world-wide spreading respiratory disease caused by Severe Acute Respiratory Syndrome coronavirus (SARS-CoV-2), which was first classified as a Zoonotic disease and causes infection in humans

(Masters,2019; Saitz *et al*,2014; WHO,2020).SARS-CoV-2 causes more severe and fetal infections. Patients suffer from sore throat, dysphagia, tinnitus, loss of hearing, taste, smell and dizziness exaggeratedly due to anxiety .The COVID-19 pandemic has been shown to have negative psychological impact on otherwise healthy communities, educational system as well as other field responsible for the healthy living of the human beings(Kelwin,2020; Asmundson *et al*.2020).

The rapid spread of the coronavirus disease- 2019 has resulted in global pandemic, impacted the educational system of many countries as it force the educational institution, teachers to adopt online teaching-learning to continuously offering their services and for students to continue their study without any break in their studies and wastage of their Golden period of learning and skill enhancing time. There is a global recognition of the need for inclusive education policies during the pandemic. Online education opens up lots of possibilities for students and teachers alike.

To combat against this situation, in educational system, a wide range of teaching-learning strategies has been explored to increase the knowledge and skill in teachers and students during this pandemic era. There are an increasing number of evidences that suggest that the pandemic has had a significant impact on wellbeing of teachers and students (Sahu,2020).The COVID-19 has resulted in schools and colleges shut all across the world, as a result the education has changed dramatically with the distinct rise of e-learning where by teaching is undertaken online and on digital platform.

The present study reveals about the various method adopted by the teachers and students to cope up with the emerging changes in education system. The study is based on national and international reports of various agencies on COVID-19. Information is collected from different authentic websites, journals, e-contents relating to impact of COVID-19 on educational system in India and worldwide.

In a developing country like India, during the initial period of pandemic, teachers were not prepared to face the technological challenges that came with pandemic due to lack of preparedness and experience in digital and online learning method. There is uncertainty on the impact of online education on academic progress of students as students experiences higher level of psychological stress (Wang *et al* .2020). But beside this, teacher's are rapidly adopted the Information and Communication Technologies (ICT) as the primary resource in the teaching learning process, including tech- literacy and access to execute technological infrastructure. With the emergence and spread of COVID-19, in India, online education has trickled down to the most basic level of education- schools and colleges. Online teaching learning using ICTs is certainly not new however, by using these methods, teachers and students can continue their teaching and study respectively, efficiently and effectively.

Teachers got acquainted themselves with technological methods. Webinars and e-conference became

normal method for sharing expertise among students around the globe with similar issues. Teachers and students become acquainted themselves with different e- conferencing tools like Zoom, Google Meet, Skype, Microsoft team and Google classroom etc. This initiative has taken to create an effective virtual environment of teaching- learning and to create motivation. Students are using popular social media tools like WhatsApp, Telegram, YouTube link, Facebook link and Twitter for online learning.

COVID-19 pandemic accelerated the adoption of digital technology to deliver education. Educational institutes move towards blended learning ,Soft technology, online webinars and virtual classrooms. Teleconferencing, digital exam and assessment became common phenomenon. It encourages students to become more technology savvy. Online education platform has been opened by most of the educational institutions. Students found it as a chance to explore their independent skill. It increases confidence among students (Rajab *et al.* 2020). Teachers are regularly increasing their knowledge by using unique platform provided by UGC and MHRD. These unique platform combines all digital resources for online education. Teachers and students are regularly using online depositories, e-books and other online teaching-learning material to increase their knowledge. Virtual education is the most preferred mode of education at this time of pandemic era of COVID-19.

### **Conclusion:**

Online teaching-learning process becomes the integral component of education during this pandemic time. It is playing an essential role for maintaining the academic atmosphere , quality among teachers, students as well as among academicians. Many teachers are making their best of the situation by exploring new technologies for online teaching. Teachers found that online education is an opportunity to develop their teaching skill. Students became adaptive to these changes and found it as a chance to explore their independent learning skill. Many educational institute allowed their teachers, students to adopt online teaching to synchronize the current COVID-19 situation and to control the spread of virus and this dreaded disease. More strategic plans need to be established to overcome the problems arises due to COVID-19 and to develop today's" new normal online education". Thus online teaching- learning is a boon for teachers, students and all mankind.

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