



Benefits of Online Teaching (E-Learning) in School during Lockdown in India

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Abstract: The coronavirus pandemic has upended our world. The coronavirus crisis has changed the world completely in the last few months. All of us have been locked into our homes, learning activity has come to a near standstill. Everyone has been impacted. The academic calendar all over the world has been disturbed. Many School conducted Faculty development programs online to gear up the positivity among faculty during the crisis. Faculty feel there is no much difference between online and offline sessions as they can share PPT, play videos and use board and marker as regular classrooms. Teaching and learning are always in demand and when faculty heard about lockdown due to COVID 19, Challenge for faculty to look this as an opportunity to go for virtual classrooms, virtual learning and teaching.

Keyword: COVID -19, E-learning, Lockdown, Technology

Introduction :

Online learning is the newest and most popular form of distance education today. Within the past decade it has had a major impact on postsecondary education and the trend is only increasing. In this workshop we will explore what the experience of online learning is like for students and how it has changed the role of the instructor. Online learning is education that takes place over the Internet. It is often referred to as “eLearning” among other terms. However, online learning is just one type of “distance learning” - the umbrella term for any learning that takes place across distance and not in a traditional classroom.

Role of technology in learning : Someone has rightly stated that learning should never stop even at the time of crisis. ICT, which a great enabler and facilitator of online learning, has kept the learning process intact even at this time. Various Digital platforms and ICT initiatives are accessed by teachers, students, researchers and corporate officials round the clock. These tools enable constant learning and offer several benefits such as flexibility, comfort, and interactive user interface. In the context of this, UGC with the help of ICT has arranged and shared several online links which can be accessed by students, faculties, academicians and researchers for audio, video and text content.

Impact of digital tools in education

In this digital era, even when the students and faculties are having a barrier of social distancing, several industries are getting impacted including education industry but ICT has reduced this barrier of social distancing and lockdown with the help of so many digital and online initiatives and tools. Students can be in constant touch with their faculties with the help of online classes

Methodology :

Technology Adaption in Online Teaching

Teaching and learning are always in demand and when faculty heard about lockdown due to COVID 19, Challenge for faculty to look this as an opportunity to go for virtual classrooms, virtual learning and teaching. With the crisis there is a wide adaption of technology in teaching; learning process. School institutions in India have opted for online classes. The tools used by faculty during lockdown for teaching and learning through online modes are Zoom, Google Hangouts, Skype etc.

Teaching and learning in Online Teaching :

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Students Engagement & Teacher Experience:

In School Student engagement is a challenge today, tomorrow, whether offline or online. Initially faculties had lots of dissonance towards student's engagement during a lockdown. When faculty started taking sessions online, students' attendance is 5 times better than regular class sessions and it was almost 80 % percent attendance while engaging them virtually. Teacher experiences directly and indirectly influence faculty engagement and commitment. Initially there was lots of disturbance in the minds of faculty when they have adapted for technology and virtual classrooms. As they started experiencing it, it becomes like a habit, they started loving teaching students online.

Current Scenario of E-learning in Lockdown :

Online education depends on several factors and robust connectivity is at the top of that list. COVID-19 has led to a successful collaboration between telecom firms and streaming companies in lowering the transmission bit rate from high definition to standard definition, which was done to maintain the network capacity. It made more bandwidth available for many users. Going forward, learning app firms could work together with technology providers and telecom service providers to develop tools that make learning truly enjoyable. They could also explore providing students with real-time experience of managing chemicals and operating machines. All this is only possible with optimum utilization of network capacity.

E-learning Applications :

E-learning Applications has been a surge in online education by schools and colleges across the country. Such an exercise requires the availability of high bandwidth and the telecom industry is fully prepared with 99.9 per cent network capacity. Telecom companies have taken appropriate measures to meet the surge in traffic due to online education and other online activities. This is a unique situation in design education, and WUD was the first to take the lead so that studies are not compromised, and students do not fall back on their curriculum. The coronavirus outbreak has just hastened the process. We were the first to switch to an online mode, which is not only benefitting the students in India, but also overseas students

Limitations and future Scope for study :

This study is confined to the positive side of COVID 19 and change in the education sector by adapting to technology, teaching and learning and engaging students with various virtual sessions. In India we have lots of technical issues when it comes to data consumption and usage. Future researchers considered this as a research gap and focus on various other modes to collect through empirical support and analysis for better results. And focus more on a hybrid system of education that is a combination of both online and offline

Conclusion :

The COVID-19 has resulted in schools shut all across the India. Many children are out of the classroom. As a result, education has changed dramatically, with the distinctive rise of e-learning, whereby teaching is undertaken remotely and on digital platforms. Research suggests that online learning has been shown to increase retention of information, and take less time, meaning the changes coronavirus have caused might be here to stay. There are, however, challenges to overcome. Some students without reliable internet access and/or technology struggle to participate in digital learning.

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