



USES OF E-LEARNING TOOLS IN EDUCATION SYSTEM DURING LOCKDOWN: COVID-19 PANDEMIC

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ABSTRACT:

Nowadays India is locked down and loaded in its fight against the coronavirus. The outbreak of coronavirus disease (COVID-19) has been impacting millions of people and threatening their life across the world. The Government of India and others are taking all necessary steps to ensure that we are prepared well to face the challenge and threat of COVID-19. Prime Minister of India Honorable Narendra Modi announced nationwide shutdown, as the nation of 1.3 billion people shut down, the world health organization (WHO) said India's COVID-19 fight could make or break the global war. The aim of the present research article is to show the significance of the role of tools of e-learning technology in the education sector during COVID -19 crises. The Teaching and Learning tools & technologies like social learning platforms make it easy for teachers to create and manage groups. The technology has been playing a great and important role during the present crisis. The E-learning tools are helping for study from home. The Indian government went for lockdown of all the cities to reduce the spread of COVID-19. In this lockdown period there is a significant increase in number of students who are using the online platform and apps of ED-TECH and online companies. This study has reviewed the concept of different e-learning tools, features of e-learning. Finally the researcher has shown the role of e-learning in COVID-19 crises.

Key words: - COVID-19, Crisis, Education, E-learning, Tools, WHO, government etc.

INTRODUCTION:

The Education system is now going through a very tough situation. It is badly impacted due to Covid-19 lockdown. Due to stay at home orders most of the educational institutes are closed now. There is no certainty that when they are going to open as before. This has resulted in a breakdown of the teaching-learning process. Students are in concern about their future. Now Government and education institutes are trying to minimize the effect by use of e-learning technology. Teachers across the World are using online platforms in order that the process of teaching-learning should continue. The technology is playing a very important role in the education system. As we cannot start our routine method of teaching this e-learning system we have to adapt now though it has some negative side too.

The COVID-19 (coronavirus) pandemic outbreak leads to worldwide closure of institutes of higher education and India was no exception.

Most of state, central, public and private universities in India lately initiated e-learning for their students.

E-learning technology (tools and applications) pedagogy has its own fair share of challenges since proximity between teacher and student does not remain so as compared to conventional learning pedagogy. As far as e-learning is concerned, the additional aspect of digital public sphere brings in issues like device accessibility and affordability for students, male and female student's comfort level in participating during video conferencing class, separate study space, solved assignment, solving test for the student at their home location to concentrate over their class, gender disparity in internet and internet-based device accessibility for female students, the online platform being used and its own issues, medium of instruction during e-learning and language being used by the online platform itself etc.

Nowadays many faculty development programs (FDP), conferences, seminars are being conducted online. Various E-learning tools and Apps are also in use for virtual meetings. We can say that we have to maximize the use of these E-learning technologies tools and apps even after the covid-19. In this paper we have focused on some of these E-learning platforms.

The Most Popular Digital Education Tools for Teachers and Learners:

The number of digital education tools has been created with the purpose of giving autonomy to the student, improving the administration of academic processes, encouraging collaboration, and facilitating communication between teachers and learners. Here we present the most popular e-learning tools during lockdown of Covid-19 pandemic.

- **Edmodo:**

The Edmodo is an educational tool that connects teachers and students, and is assimilated into a social network. In Edmodo, teachers can create online collaborative groups, administer and provide educational materials, measure student performance, and communicate with parents, among other functions. Edmodo has more than 34 million users who connect to create a learning process that is more enriching, personalized, and aligned with the opportunities brought by technology and the digital environment.

- **Socrative:**

Designed by a group of entrepreneurs and engineers passionate about education, the Socrative is a system that allows teachers to create exercises or educational games which students can solve using mobile devices, whether smart-phones, laptops, or tablets. Teachers can see the results of the activities and, depending on these, modify the subsequent

lessons in order to make them more personalized.

- **Thinglink:**

The Thing-link allows educators to create interactive images with music, sounds, texts, and photographs. These can be shared on other websites or on social networks, such as Twitter and Facebook.

The Thinglink offers the possibility for teachers to create learning methodologies that awaken the curiosity of students through interactive content that can expand their knowledge.

- **TED-Ed**

The TED-Ed is an educational platform that allows creating educational lessons with the collaboration of teachers, students, animators generally people who want to expand knowledge and good ideas.

This website allows democratizing access to information, both for teachers and students. Here, people can have an active participation in the learning process of others.

- **Kahoot:**

The Kahoot is an educational platform that is based on games and questions. Through this tool, teachers can create questionnaires, discussions, or surveys that complement academic lessons.

The material is projected in the classroom and questions are answered by students while playing and learning at the same time. Kahoot promotes game-based learning, which increases student engagement and creates a dynamic, social, and fun educational environment.

- **Any Meeting:**

Any Meeting is free with ads. It allows for meetings of up to 200 people, and has essential functionality like screen sharing, VoIP and phone conferencing, meeting recording and it even has a follow-up functionality.

- **Google Form:**

A Google Form is used to collect information in the form of quiz and surveys. Using this one can conduct tests and surveys. That's why it is very useful for teachers and students. The information we fill in Google Form is collected and automatically connected with a spreadsheet. We can also provide e- certificate when students qualify a quiz.

- **Testmoz:**

This tool is also useful for taking quizzes. Students can immediately see their mark after submission of the test. We can create homework quizzes for students. We can analyze and export results.

Testmoz is test generator tools mostly used for teacher and students.

- **Google Classroom:**

Google Classroom is a type of virtual classroom where teachers can provide video lectures, study material and can assign quizzes, assignments and projects to students. We can assign time limits for assignments and quizzes. Google Classroom integrates features like Google document, Google slides, and Google sheet in order to make teacher-student communication more effective. Google classroom has been used for uploading the study materials. Google classroom helps the students to find the material related to their subjects easily and study it at home

- **Google Meet:**

The Google Meet will allow you to conduct HD video conferencing with up to 30 students. Now, Google Meet is fully integrated with our WIU g-mail accounts, so you can join meetings directly from a Calendar event or email invite. You also have the ability to allow for non WIU participants.

Google Meet is also the better program if you have participants that need to call in rather than join via video because Google doesn't

charge an additional call-in fee. Overall, Google is more cost-effective.

- **Open Broadcaster Software (OBS):**

It is a free and open source software for recording a video lecture. This software is also useful for live streaming of lectures. This software is also termed as OBS studio. We can stream a lecture on some websites like YouTube , Facebook , Instagram. It gives different options to record videos like face recording, recording involving PPT etc.

CONCLUSION:

“Stay at home” is one of the step to prevent spread of coronavirus. Now all universities, colleges and schools have been closed in our country and in other countries .Technology has become an essential part of our daily life. In the digital era; the E-learning, internet and computers have been used vitally in the teaching and learning process for peoples, mostly teachers and students. This study has proved and shown which E-learning tools or applications such as Zoom, Teams, Google classroom, Edmodo etc. and many others have been helping the students to study at homes in COVID-19 crisis. Using e-learning tools and it's applications is all about learning and taking a step that helps in moving toward higher education level. We need to be familiar with technology (E-learning tools & applications) devices and use them to enhance education and knowledge. In this research article we try to suggest that teachers should use e-learning tools in the classroom and encourage students in downloading a number of educational apps to make the journey towards learning pleasing and interesting.

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Tables and Figure



Create lessons worth sharing around YouTube videos

