



Cover Page



A REVIEW OF ONLINE TEACHING - LEARNING DURING LOCKDOWN PERIOD OF COVID-19 IN INDIA

¹Dr. Vishal Deshmukh, ²Shubhangi Bhagwan Jamdade and ³Pradeep Sanjay Kharade

¹Associate Professor and ^{2&3}MBA 1

^{1,2&3}Bharati Vidyapeeth Deemed to be University, Pune

Yashwantrao Mohite Institute of Management, Karad

Maharashtra, India

Abstract

Covid-19, as a global pandemic, has prompted social separation. It has made it obligatory for people to sit indoors, and staying inactive indoors can cause mental tension. As a result, to keep online learning can play a significant part in keeping people interested and stress-free. During this pandemic, online learning is the most effective solution. Teachers can use virtual classrooms to teach from home and have access to all of the essential equipment, making online sessions just as productive as in-person sessions. Pandemics frequently force students to remain at school long periods of time at home, obstructing the teaching-learning process. This is an article about emphasises the value of online learning in times of crisis, such as at work pandemics or absences. As a result, various online learning tools and strategies that can assure learning continuity are emphasised. In this paper the government of India's evolving initiatives to online learning are discussed. The advantages and disadvantages of using the internet is also discussed is a learning platform. Learners' and instructors' perspectives on the Internet During lockdown, the learning system are pointed in this paper.

Keywords: Covid-19, Pandemic, Separation, Mental, Tension, Teaching Learning Process.

Introduction

To combat the spread of the Covid-19 epidemic, most governments throughout the world have temporarily closed educational institutions. With a rising number of governments, regions, and even entire countries abandoning educational institutions, and over 91 percent of the population living in poverty, the majority of the world's students do not attend schools or colleges (UNESCO). Several other countries have enacted localised closures that will affect millions of additional students. UNESCO is assisting countries in their efforts to mitigate the immediate effects of climate change. School closures have a negative impact on students who are more vulnerable and under privileged neighbourhoods, and attempting to ensure that all students receive an education regardless of where they live learning. The World Bank is also collaborating with ministries of education in a number of countries to help their attempts to use educational technologies to give students with remote learning opportunities while their schools are closed.as a result of the Covid-19 epidemic "The corona virus epidemic has resulted in an unparalleled rise in current times," stated Dr. Howard Taylor, Executive Director of the Global Partnership to End Violence. "School closures and stringent containment measures have become more common in recent years. To keep their children studying, parents are turning to technology and digital solutions. While technology keeps youngsters entertained and connected to the outside world, not all children have the required information, abilities, or resources to stay safe online" (UNICEF). Learning can now be done online and information can be shared in the face of the Covid-19 pandemic. Multiple mediums can be used to transfer information virtually. During this time, online learning is the best option. A learning environment that takes place over the Internet is known as online learning. E-learning is a popular term for it. The absence of a physical educator is compensated by an online educator. By providing a welcoming environment in the virtual classroom, all students will feel at ease. Students are at ease participating in online classes (Joshua). It contributes significantly to the transformation of our life into the digital world by providing flexible locations, class times, and high-quality content. It paves the way for humanity's progress at the time. Pandemic isolation has resulted in physical isolation. Online learning is advantageous since it is readily available and allows for flexible scheduling. Learners in this system use the Internet to communicate electronically with their teachers and classmates using email, WhatsApp, videoconferencing, instant messaging, and other tools. However, Videoconferencing may be utilised effectively in online learning to improve group collaboration. Collaboration with a sense of community among learners that could replace face-to-face interactions to some extent, classroom learning. Rural kids used to miss out on many of the chances that their urban and suburban contemporaries took for granted. Using video conferencing to connect these rural students for online learning could be beneficial for boosting the quality of their learning experience dramatically. This makes it possible for rural/ disadvantaged students to both attend school and college from the comfort of their own homes. Expert assistance is available. Videoconferencing is a synchronous speech and video communication technique. Transfer of video and data between two or more groups/people (Wisemans& Wang, 2010). One of the technological systems that can be employed in online meetings is videoconferencing learning. More companies are seeing the value of online learning because it is a cost-effective approach to reach a



Cover Page



DOI: <http://ijmer.in.doi./2021/10.08.84>

big number of individuals. It has the potential to achieve considerable outcomes by lowering expenses while simultaneously enhancing performance online. During the Covid-19 lockdown phase, learning is promoted for the following reasons.

- One can gain information while remaining socially isolated by staying at home.
- Due to social isolation, the spread of Covid-19 can be kept to a minimum.
- It provides excellent learning conditions.
- It provides students with additional interactive support that allows them to study at any time of day or night.
- Work at their own place.
- It allows us a lot of flexibility in terms of scheduling.
- It may be accessed from any location with an internet connection, and kids can participate.
- Use their electronic devices (mobile, computers, tablets, etc.).
- Deals with students monitoring and reporting in real time.
- Enhances the institution's image by providing technology solutions that address real-world problems.

Objectives

The study's goals are to look into the steps made by the Indian government to assist online learning during the Covid-19 lockdown period.

Highlight some of the benefits and drawbacks of online learning, as well as suggestions for improvement.

Methodology

Some journals and e-contents connected to online learning systems are examined in order to determine the issues that arise with online learning systems, particularly during pandemics.

Measures done by the Indian government to assist online learning during the Covid-19 lockdown period have been gathered from the government's website. Author has attended several online counselling classes and held online induction meetings with new January graduates. Under the Indira Gandhi National Open University, 2020 students from various Learner Support Centres (LSCs) would be enrolled.

During the shutdown of the Indian Government National Open University (IGNOU) Regional Centre in Bhubaneswar, India. Learners' and educators' perspectives on LSCs under IGNOU Regional While doing online counselling classes in Bhubaneswar, data are gathered. ZOOM/Google Meet videoconferencing software is used for online induction meetings.

India's initiatives for online learning during the closure

Covid-19 has put countries all over the world on lockdown, and educational institutions are no exception. Several sectors are experiencing serious crises as a result of the Covid-19 epidemic across the country, but agriculture is the worst afflicted. The education sector, as the majority of exams were cancelled during the final semester assessments. Students and instructors are battling for continuous and consistent access to technology. The internet connection is of excellent quality. At the same time, the country should not get complacent.

The following is a list of some of the MHRD and UGC's digital efforts, as well as their access links for school students and UG and PG level education.

1. **SWAYAM online courses:** provides free access to the best instructional learning resources that were previously provided on the SWAYAM Platform and may now be seen by any learner without the need to register. Students/learners who have signed up in the January 2020 semester on SWAYAM (swayam.gov.in) can continue their studies. As always, I'm learning. Link-https://storage.googleapis.com/unique_courses/online.html
2. **UG/PG MOOCs:** contains learning materials from SWAYAM's archived UG and PG (Nontechnology) courses. UGCMOCS can be found at https://ugcmoocs.inflibnet.ac.in/ugcmoocs/moocs_courses.php.
3. **The e-PG Pathshala:** Pathshala hosts high-quality, curriculum-based, interactive e-content with 23,000 modules (e-text and video) in 70 Post Graduate disciplines of social sciences, arts, fine arts and humanities, natural and mathematical sciences. epgp.inflibnet.ac.in is a link to epgp.inflibnet.ac.in.
4. **e-content courseware in undergraduate subjects:** e-content courseware is used in 87 undergraduate subjects. On the CEC website, there are around 24,110 e-content modules available. <http://cec.nic.in/>.



Cover Page



5. CEC-UGC YouTube channel: provides free access to a limitless number of educational curriculum-based lectures. Link <http://www.youtube.com/user/cecedus>

External repositories of distant learning solutions those are available for free

UNESCO has recommended the following educational applications, platforms, and resources in order to assist parents, instructors, schools, and school administrators in facilitating student learning as well as providing social care and interaction during the closure of educational institutions. The majority of the solutions are free and come in a variety of languages. They really are divided into categories based on the demands of distance learners; the majority of them have features across a variety of categories.

Brookings Institution - A collection of approximately 3,000 learning innovations is included in this Bookings Institutions. Many of them provide distance learning options; many of them also provide digital educational resources.

Common-sense Education — Supporting school closures and transitions to online and at-home learning with tips and tools.

Common wealth of Learning - A collection of materials for policymakers, educators, and students. Students will benefit from the assistance of college administrators, teachers, parents, and students. During the closure of educational institutions, students might continue to learn.

Education Nation - Nordic countries have made their learning solutions available to the rest of the world. Throughout the world for free, assisting teachers and students during school closures.

Platforms for live-video communication those are available for free on the internet---

There are many live-video communication platforms available on the internet, but some of the free online platforms that can be utilised by learners of all types are described below:

Zoom - A cloud-based video and audio conferencing, collaboration, and chat platform, webinars.

Google Meet -Video calls that are connected with other G-Suite technologies from Google. Video Google Calendar calls, meeting recordings, and screen sharing

Skype - Video and audio calls with capabilities such as talk, chat, and cooperation.

Face book - Live is ideal for businesses, influencers, and individuals who want to broadcast live demos, films, or show off their company culture. Followers on Face book can remark and talk live while the video is being streamed, and it can be scheduled. To build excitement, prepare videos ahead of time.

Advantages of online education during a lockdown

1. Online learning promotes people to make better use of their time, which keeps them safe from pandemic situations like the development of Covid-19.
2. It has more access to professionals and specialists (both domestically and internationally)
3. Learners get access 24 hours a day, 7 days a week, at their own speed and schedule.
4. It allows for a wider geographical reach even to rural or off-the-beaten-path locales
5. It is a cost-effective technology that improves the quality of life.
6. Educators and students should communicate with each other. A single instructor can teach a variety of subjects.
7. Simultaneous virtual classes reduce travel to several locations

Suggestions

The following are some helpful methods for ensuring that Online Learning runs smoothly:

1. Online platforms with greater security and protection features, particularly for children. It is necessary to ensure that virtual learning resources are available. The software on the devices must be up to date. Without updates and antivirus software, the security of personal data may be jeopardised. Because digital gadgets can be hacked, they are vulnerable.
2. In order to improve smoothness, high-speed internet access should be ensured. All students, including those from disadvantaged backgrounds and those from low-income households, have access.
3. Everyone should adopt the new UNICEF and partner guidelines to keep children safe. During online education, you should feel protected.
4. While conducting online classes, schools should keep an eye on children's good online behaviour.
5. Parents should make sure that their children's devices are up to date in terms of software and anti-virus software.
6. They should work with youngsters to create ground rules for how they should behave. When and where may you use the internet?
6. Online platforms should be enhanced with additional security by social networking platforms.
7. When using virtual learning tools, you need take extra precautions.



Cover Page



DOI: <http://ijmer.in.doi./2021/10.08.84>

Conclusion

Today, the most popular technique of remote learning is online learning. Online learning is the greatest way to stay up with Covid-19 during the lockdown time.

Maintaining social distance keeps learners/educators interested and safe. The Indian government has started a variety of online learning programmes to keep educational activities going during the holidays. UNESCO and the World Bank have both recognised the shutdown period. Online learning technique makes use of a variety of internet-based tools to disseminate classroom information content, as well as facilitating interactions between students and educators. Educators can create a more engaged distance learning experience by delivering real-time, synchronous video conferencing using the many technologies available for Online Learning. Online learning is seen as the way of the future, and this platform has a lot of potential. In the modern world, there has been a significant shift in the pedagogy of teaching and learning.

References

- 1 <http://ddnews.gov.in/national/ugc-formscom>
2. <https://www.owlabs.com>
3. <http://www.wlac.edu>
4. <https://www.ugc.ac.in>.
5. <https://en.unesco.org>
6. International Journal of Media, Technology and Lifelong Learning, 6(1): 1-15.
7. <https://www.worldbank.org>